



# Catalog 2023-24

This volume is a printout of content found at [catalog.uoregon.edu](https://catalog.uoregon.edu).

For access to the registrar's archive of catalogs from past academic years, visit <https://registrar.uoregon.edu/registration/planning-tools/academic-catalog>

# Table of Contents

|                                                    |     |                                                |     |
|----------------------------------------------------|-----|------------------------------------------------|-----|
| Catalog .....                                      | 3   | Earth Sciences .....                           | 235 |
| Reader's Guide to the Catalog .....                | 4   | Human Physiology .....                         | 247 |
| About the University of Oregon .....               | 10  | Mathematics .....                              | 253 |
| From Admission to Graduation .....                 | 13  | Multidisciplinary Science .....                | 270 |
| Admissions .....                                   | 13  | Neuroscience .....                             | 274 |
| Registration and Academic Policies .....           | 20  | Physics .....                                  | 279 |
| Bachelor's Degree Requirements .....               | 25  | Psychology .....                               | 286 |
| Academic Honors .....                              | 29  | Social Sciences .....                          | 295 |
| Tuition and Fees .....                             | 29  | African Studies .....                          | 295 |
| Student Financial Aid and Scholarships .....       | 31  | Anthropology .....                             | 297 |
| Academic and Career Planning .....                 | 39  | Asian Studies .....                            | 303 |
| Undergraduate Programs .....                       | 41  | Black Studies .....                            | 312 |
| Graduate Programs .....                            | 43  | Economics .....                                | 312 |
| Core Education Courses .....                       | 45  | Environmental Studies .....                    | 319 |
| College of Arts and Sciences .....                 | 59  | European Studies .....                         | 330 |
| Humanities .....                                   | 59  | Food Studies .....                             | 332 |
| American English Institute .....                   | 59  | General Social Sciences .....                  | 334 |
| Cinema Studies .....                               | 60  | Geography .....                                | 343 |
| Classics .....                                     | 64  | Global Studies .....                           | 354 |
| Comparative Literature .....                       | 76  | History .....                                  | 378 |
| Creative Writing .....                             | 84  | Indigenous, Race, and Ethnic Studies .....     | 385 |
| East Asian Languages and Literatures .....         | 86  | Latin American Studies .....                   | 395 |
| English .....                                      | 101 | Middle East and North Africa Studies .....     | 399 |
| Folklore and Public Culture .....                  | 112 | Political Science .....                        | 402 |
| German and Scandinavian .....                      | 117 | Sociology .....                                | 407 |
| Humanities .....                                   | 127 | Women's, Gender, and Sexuality Studies .....   | 411 |
| Judaic Studies .....                               | 129 | Robert Donald Clark Honors College .....       | 418 |
| Linguistics .....                                  | 131 | Charles H. Lundquist College of Business ..... | 422 |
| Medieval Studies .....                             | 139 | College of Design .....                        | 446 |
| Philosophy .....                                   | 142 | Architecture and Environment .....             | 446 |
| Religious Studies .....                            | 150 | Architecture .....                             | 446 |
| Romance Languages .....                            | 154 | Historic Preservation .....                    | 455 |
| Russian, East European, and Eurasian Studies ..... | 182 | Interior Architecture .....                    | 457 |
| Theatre Arts .....                                 | 188 | Landscape Architecture .....                   | 463 |
| Natural Sciences .....                             | 195 | Art + Design .....                             | 472 |
| Biology .....                                      | 195 | Art .....                                      | 472 |
| Chemistry and Biochemistry .....                   | 207 | Product Design .....                           | 480 |
| Computer Science .....                             | 220 | History of Art and Architecture .....          | 483 |
| Data Science .....                                 | 231 | Planning, Public Policy and Management .....   | 488 |
|                                                    |     | College of Education .....                     | 503 |
|                                                    |     | Counseling Psychology and Human Services ..... | 504 |
|                                                    |     | Education Studies .....                        | 518 |

|                                                          |     |
|----------------------------------------------------------|-----|
| Special Education and Clinical Sciences .....            | 528 |
| School of Journalism and Communication .....             | 542 |
| School of Law .....                                      | 559 |
| School of Music and Dance .....                          | 569 |
| Dance .....                                              | 569 |
| Music .....                                              | 576 |
| Ballmer Institute for Children's Behavioral Health ..... | 633 |
| Knight Campus .....                                      | 636 |
| Division of Graduate Studies .....                       | 641 |
| General Requirements and Policies .....                  | 642 |
| Graduate Tuition, Fees, and Financial Aid .....          | 645 |
| Master's Degrees .....                                   | 645 |
| Education Specialist Degrees .....                       | 648 |
| Doctoral Degrees .....                                   | 649 |
| Graduate Certificates .....                              | 651 |
| Graduate Specializations .....                           | 652 |
| Graduate Microcredentials .....                          | 653 |
| Physical Education .....                                 | 654 |
| Supplementary Academic Programs .....                    | 655 |
| Academic Resources and Student Services .....            | 656 |
| Undergraduate Education and Student Success .....        | 657 |
| Veterans Affairs .....                                   | 658 |
| Courses .....                                            | 659 |
| Academic Calendar .....                                  | 880 |
| Catalog Archive .....                                    | 881 |
| Index .....                                              | 882 |

# Catalog

---

The 2023-24 University of Oregon Catalog contains information about academic programs offered by the university from fall 2023 through summer 2024. Whether you're an enrolled student or you're considering attending the UO, this site will provide the information you need as you consider your academic goals.

# Reader's Guide to the Catalog

---

## Organization

The University of Oregon's largest academic units are its colleges and professional schools. Each consists of smaller units called departments or programs. The academic year is divided into three terms (fall, winter, spring) and one summer session.

## Where to Find It

This catalog has four sections. The first section contains information about admission, registration, academic policies, undergraduate degree requirements, tuition and fees, financial aid and scholarships, employment, and academic and career planning. The second section outlines the majors, minors, and specializations defining the degrees and certificates that may be earned at the University of Oregon, as well as the array of core-education courses available that make up the foundational requirements of those degrees. The third (or curriculum) section describes all the university's academic programs in detail: faculty members, degree and nondegree programs, and course listings. This section includes the College of Arts and Sciences, the honors college, professional schools and colleges, the Division of Graduate Studies and graduate studies information, and ends with a review of undergraduate studies and supplemental academic programs. The final section contains information on academic resources and student services, physical education and recreation, and the academic calendar.

## Definitions

### The academic terms defined in the following list are used throughout this catalog.

**Area-satisfying course.** A course that counts toward partial fulfillment of bachelor's degree requirements in one of the three core-education areas: arts and letters, social science, science.

**Certificate.** A formal document that recognizes academic achievement in a specific discipline—only as an adjunct to an undergraduate degree program and either as an adjunct to or separate from a graduate degree program, and only for students in an admitted status. Stand-alone noncredit certificates are offered through Continuing and Professional Education to all students.

**Colloquium.** An academic meeting or assembly for discussion, sometimes led by a different lecturer speaking on a different topic at each meeting; a seminar with consultation, report, and exchange.

**Competency.** A specific skill in a specific area.

**Concentration.** A subarea of specialized study within an undergraduate or graduate major or undergraduate minor.

**Corequisite.** A course or other educational requirement that must be completed simultaneously with another course.

**Course.** A subject, or an instructional subdivision of a subject, offered through part of a term or a whole term. Each course is assigned a course level. Courses numbered 100–499 are undergraduate courses; 500–299

are lower division, and 300–499 are upper division. Courses numbered 500 and above are graduate or professional.

**1 credit.** Represents approximately three hours of the student's time each week for one term in a lower-division undergraduate course. This frequently means a minimum of one hour in the lecture hall or laboratory in addition to two hours spent in outside preparation. The number of lecture, recitation, laboratory, or other periods required each week for a course is listed in each term's class schedule.

**Cultural Literacy course.** A course that counts toward partial fulfillment of bachelor's degree requirements in one of two categories: Global Perspectives; and US: Difference, Inequality, Agency.

**Curriculum.** An organized program of study arranged to provide integrated cultural or professional education.

**Discipline.** A branch of learning or field of study (e.g., mathematics, history, psychology).

**Dissertation or Thesis.** A written document resulting from study or research and submitted as a major requirement for a degree.

**Electives.** Courses that students may choose to take, as contrasted with courses that are required for an academic program.

**Endorsement.** An affirmation of teaching competency by the Teacher Standards and Practices Commission.

**Experimental course.** A course under development that has not received formal acceptance to the curriculum. Subject matter, instructional materials, and activities are evaluated for effectiveness and long-term value to the discipline. *Experimental courses may not be used to clear core-education requirements.*

**Field studies.** A series of practical experiences on or off campus to understand principles or develop skills in performing selected tasks.

**Generic courses.** Courses numbered 100, 300, 196, 198, 199, 299, 399–410, 503–510, 601–610, and 704–710, for which credit is variable and which may be repeated for credit. Instructor's permission is often required for registration.

**Grade point average (GPA).** The GPA is determined by dividing the total points for all grades by total credits.

**Grading option.** Unless specified otherwise, nonmajors may take courses either graded (A+ through F) or pass/no pass (P/N). The online class schedule identifies courses for which majors are limited to a particular grading option.

**Graduate specialization.** A subdivision of a graduate major or an interdisciplinary track in which a strong graduate-level curriculum is available. For more details, visit the website (<https://gradschool.uoregon.edu/policies-procedures/graduate-specialization/>).

**Interdisciplinary or multidisciplinary.** A course of study from two or more academic disciplines.

**Internship.** Unpaid professional practice in an organization that integrates concepts studied at the university with career-related work experience.

**License.** See Endorsement.

**Major.** A primary undergraduate or graduate field of specialized study.

**Minor.** A secondary undergraduate field of specialized study.

**Multilisted course.** A single course that is listed under more than one subject code; course numbers end with the letter M.

**Option.** A subarea of specialized study within an undergraduate or graduate major or undergraduate minor.

**Preparatory programs.** Undergraduate courses of study taken in preparation for professional or graduate degrees.

**Prerequisite.** A course or other educational requirement that must be completed prior to registering for another course or before proceeding to more advanced study. Prerequisite courses must be passed with C- or better or P for undergraduate courses; B- or better or P for graduate courses; and D or better or P for law courses. Courses may have a higher minimum grade for completing the prerequisite course.

**Practicum.** A series of clinical experiences under academic supervision designed to integrate theory and principles with practice.

**Reading and conference.** A particular selection of material read by a student and discussed in conference with a faculty member.

**Regression.** Occurs when a student takes a course that is at a lower level than a course the student has previously passed. Academic departments have the authority to designate a course as regressive.

**Repeatable for credit.** Only courses designated "repeatable" may be repeated for credit. Except for generic, studio, or performance courses, the circumstances under which a course may be repeated for credit are restricted.

**Research.** Disciplined inquiry of a topic with varying techniques and assignments suited to the nature and conditions of the problem being investigated. Often pursued in relation to a dissertation or thesis.

**Residence credit.** Academic work completed while the student is formally admitted and officially registered at the University of Oregon; this includes courses taken in UO study abroad programs.

**Semester.** One-half the academic year (sixteen weeks), applicable only to the UO School of Law.

**1 semester credit.** One semester credit equals one and one-half quarter (or term) credits.

**Seminar.** A small group of students studying a subject with a faculty member. Although practices vary, students may do original research and exchange results through informal lectures, reports, and discussions.

**Sequence.** Two or three closely related courses that must be taken in specified order.

**Series.** Two or more closely related courses that may be taken in any order.

**Special studies.** A colloquium or experimental course, often taken concurrently with another course as a satellite seminar.

**Specialization.** A graduate-level subdivision of a major or an interdisciplinary track in which a strong graduate-level curriculum is available.

**Subject code.** An abbreviation used with a course number to indicate an academic subject area. See the list of subject codes in this section of the catalog.

**Supervised college teaching.** A student, under faculty supervision and sponsorship, accepts responsibility for teaching a university course.

**Supervised tutoring.** A student, under faculty supervision, accepts responsibility for tutoring other students within the discipline.

**Temporary multilisted course.** Courses numbered 200M, 400M, 500M, and 600M, which may be offered once without formal approval.

**Term.** Approximately one-third of the academic year (eleven weeks), either fall, winter, or spring.

**Terminal project.** A presentation incorporating the knowledge and skills acquired from course work completed for the master's degree.

**Waive.** To set aside without credit certain requirements for a degree or major.

**Workshop.** An intensive experience, limited in scope and time, in which a group of students focus on skills development rather than content mastery.

---

## Courses

### Abbreviations

The following abbreviations are used in course descriptions:

- **Coreq:** corequisite
- **H:** honors content of significant difficulty
- **M:** multilisted courses
- **Prereq:** prerequisite

### Sample Course Listings

The following examples are from Biology (BI):

**BI 122.** *[BI lower-division course number]* **Introduction to Human Genetics.** *[course title]* **4 credits.** *[course credits]* Basic concepts of genetics as they relate to humans. Blood groups, transplantation and immune reaction, prenatal effects, the biology of twinning, selection in humans, and sociological implications. Lectures, discussions. *[course description]*

**BI 523.** *[BI graduate course number]* **Human Molecular Genetics.** *[course title]* **4 credits.** *[course credits]* Advanced topics in genetics that relate to human development and disease. The human genome, sex determination, X-chromosome inactivation, chromosomal abnormalities, trinucleotide repeat expansions, cancer. *[course description]* Prereq: BI 320. *[course prerequisite]*

**BI 607.** *[BI graduate-only course number]* **Seminar: [Topic].** *[course title]* **1–3 credits.** *[course credit range]* Topics may include neurobiology, developmental biology, ecology colloquium, genetics, molecular biology, and neuroscience. *[course description]* Repeatable.

### Subject Codes

The following subject codes are used at the University of Oregon. They appear in University of Oregon catalogs and class schedules, on student schedules, degree audits, transfer articulation reports, and transcripts.

**AAAP** Historic Preservation  
**ACTG** Accounting  
**AEIS** Academic English for International Students  
**AFR** African Studies  
**ANTH** Anthropology  
**ANTM** Museum of Natural and Cultural History  
**ARB** Arabic  
**ARCH** Architecture  
**ARH** Art History  
**ART** General Art  
**ARTC** Art: Ceramics  
**ARTD** Art: Art & Technology  
**ARTF** Art: Fibers  
**ARTM** Art: Metalsmithing and Jewelry  
**ARTO** Art: Photography  
**ARTP** Art: Painting  
**ARTR** Art: Printmaking  
**ARTS** Art: Sculpture  
**ASIA** Asian Studies  
**ASL** American Sign Language  
**ASTR** Astronomy  
**BA** Business Administration  
**BE** Business Environment  
**BEHT** Behavioral Health  
**BI** Biology  
**BIOE** Bioengineering  
**BLST** Black Studies  
**CAS** College Scholars Colloquium  
**CDS** Communication Disorders and Sciences  
**CFT** Couples and Family Therapy  
**CH** Chemistry  
**CHN** Chinese  
**CINE** Cinema Studies  
**CIT** Computer Information Technology  
**CLAS** Classics  
**COLT** Comparative Literature  
**CPSY** Counseling Psychology  
**CRES** Conflict and Dispute Resolution  
**CRWR** Creative Writing  
**CS** Computer Science  
**DAN** Professional Dance  
**DANC** Dance Activity  
**DANE** Danish  
**DSCI** Data Science  
**DSGN** College of Design  
**EALL** East Asian Languages and Literatures  
**EC** Economics  
**EDLD** Educational Leadership  
**EDST** Education Studies  
**EDUC** Education  
**ENG** English  
**ENVS** Environmental Studies  
**ERTH** Earth Sciences  
**ES** Ethnic Studies  
**EURO** European Studies  
**FHS** Family and Human Services  
**FIN** Finance  
**FLR** Folklore and Public Culture  
**FR** French  
**GEOG** Geography  
**GER** German

**GLBL** Global Studies  
**GRK** Greek  
**GRST** Graduate Studies  
**HBRW** Hebrew  
**HC** Honors College  
**HIST** History  
**HPHY** Human Physiology  
**HUM** Humanities  
**IARC** Interior Architecture  
**ICH** Ichishkiin  
**IST** Interdisciplinary Studies  
**ITAL** Italian  
**J** Journalism  
**JC** Joint Campus  
**JDST** Judaic Studies  
**JPN** Japanese  
**KRN** Korean  
**LA** Landscape Architecture  
**LAS** Latin American Studies  
**LAT** Latin  
**LAW** Law  
**LERC** Labor Education and Research Center  
**LIB** Library  
**LING** Linguistics  
**LT** Language Teaching  
**MATH** Mathematics  
**MDVL** Medieval Studies  
**MENA** Middle East/North Africa Studies  
**MGMT** Management  
**MIL** Military Science  
**MKTG** Marketing  
**MUE** Music Education  
**MUJ** Music: Jazz Studies  
**MUP** Music Performance  
**MUS** Music  
**OBA** Operations and Business Analytics  
**PD** Product Design  
**PEAQ** Physical Education: Aquatics  
**PEAS** Physical Education: Aquatics Scuba  
**PEC** Physical Education: Certification  
**PEF** Physical Education: Fitness  
**PEI** Physical Education: Individual Activities  
**PEIA** Physical Education: Intercollegiate Athletics  
**PEL** Physical Education: Leadership  
**PEMA** Physical Education: Martial Arts  
**PEMB** Physical Education: Mind-Body  
**PEO** Physical Education: Outdoor Pursuits  
**PERS** Physical Education: Racquet Sports  
**PERU** Physical Education: Running  
**PETS** Physical Education: Team Sports  
**PEW** Physical Education: Weight Training  
**PHIL** Philosophy  
**PHYS** Physics  
**PORT** Portuguese  
**PPPM** Planning, Public Policy and Management  
**PREV** Prevention Science  
**PS** Political Science  
**PSY** Psychology  
**REES** Russian, East European, and Eurasian Studies  
**REL** Religious Studies  
**RL** Romance Languages  
**RUSS** Russian

**SBUS** Sports Business  
**SCAN** Scandinavian  
**SOC** Sociology  
**SPAN** Spanish  
**SPD** Sports Product Design  
**SPED** Special Education  
**SPM** Sports Product Management  
**SPSY** School Psychology  
**STAT** Statistics  
**SWAH** Swahili  
**SWED** Swedish  
**TA** Theater Arts  
**UGST** Undergraduate Studies  
**WGS** Women's, Gender, and Sexuality Studies  
**WR** Expository Writing

## Study-Abroad Subject Codes

**OAKI** Overseas Studies: Akita International University, Akita, Japan

**OANG** Overseas Studies: Angers, France

**OANU** Overseas Studies: Australian National University, Canberra, Australia

**OATH** Overseas Studies: Athens, Greece

**OBER** Overseas Studies: University of Bergen, Bergen, Norway

**OBK** Overseas Studies: Sustainable Bicycle Transportation Field Seminar, Europe

**OBLN** Overseas Studies: Berlin, Germany

**OBRI** Overseas Studies: Bristol University, Bristol, England

**OBRT** Overseas Studies: London Theatre Arts, England

**OBWU** Overseas Studies: Universities in Baden-Württemberg, Germany

**OCBS** Overseas Studies: Copenhagen Business School, Denmark

**OCET** Overseas Studies: Intensive Chinese Language, China

**OCFP** Overseas Studies: Chinese Flagship Program

**OCHL** Overseas Studies: Charles University, Prague, Czech Republic

**OCIE** Overseas Studies: Council for International Educational Exchange

**OCUR** Overseas Studies: Curtin University, Perth, Australia

**ODIS** Overseas Studies: Danish Institute for Study Abroad, Copenhagen, Denmark

**ODUB** Overseas Studies: Dublin, Ireland

**OECN** Overseas Studies: East China Normal University, China

**OFES** Overseas Studies: Fes, Morocco

**OFIB** Overseas Studies: Florence, Italy

**OGAL** Overseas Studies: Galway, Ireland

**OGHA** Overseas Studies: Journalism Program, Accra, Ghana

**OGSI** Overseas Studies: Global Studies Institute

**OGWI** Overseas Studies: GlobalWorks Institute Internship

**OHAR** Overseas Studies: Harbin, China

**OHAU** Overseas Studies: Hanyang University, Seoul, South Korea

**OHKU** Overseas Studies: University of Hong Kong, Hong Kong

**OHOU** Overseas Studies: Hokkaido University, Sapporo, Japan

**OHUJ** Overseas Studies: Hebrew University of Jerusalem, Jerusalem, Israel

**OINT** Overseas Studies: Internship Program

**OJCU** Overseas Studies: James Cook University, Australia

**OJIL** Overseas Studies: Journalism in London, England

**OJWU** Overseas Studies: Japan Women's University, Tokyo, Japan

**OKUN** Overseas Studies: Korea University, Seoul, South Korea

**OKYO** Overseas Studies: Landscape Architecture, Kyoto, Japan

**OLAT** Overseas Studies: La Trobe University, Melbourne, Australia

**OLEC** Overseas Studies: Lecce, Italy

**OLEI** Overseas Studies: University of Leicester, Leicester, England

**OLON** Overseas Studies: British Studies, London, England

**OLTV** Overseas Studies: University of Latvia, Riga, Latvia

**OLYO** Overseas Studies: Universities in Lyon (I,II,III and Catholic Faculties), France

**OMBI** Overseas Studies: Marine Biology in Panama

**OMEI** Overseas Studies: Meiji University, Tokyo, Japan

**ONEO** Overseas Studies: Neotropical Ecology, Ecuador

**ONGO** Overseas Studies: Non-Governmental Organizations in Southeast Asia

**ONTU** Overseas Studies: National Taiwan University, Taipei, Taiwan

**ONUI** Overseas Studies: Research in Rapa Nui

**ONUS** Overseas Studies: National University of Singapore, Singapore

**OOVI** Overseas Studies: Oviedo, Spain

**OPAV** Overseas Studies: University of Pavia, Pavia, Italy

**OPAY** Overseas Studies: Payap University, Chiang Mai, Thailand

**OPOI** Overseas Studies: University of Poitiers, Poitiers, France

**OPRE** Overseas Studies: Pre-Freshman Studies

**OQAI** Overseas Studies: Intensive Arabic in Amman, Jordan

**OQUE** Overseas Studies: Querétaro, Mexico

**OQUI** Overseas Studies: University San Francisco, Quito, Ecuador

**ORIM** Overseas Studies: Revolutionary Imagination



**OROM** Overseas Studies: Rome, Italy

**OROS** Overseas Studies: Rosario, Argentina

**OSBG** Overseas Studies: Sports Business Global Studies

**OSCI** Overseas Studies: Sciences Po (Paris Institute of Political Studies), France

**OSEG** Overseas Studies: Segovia, Spain

**OSEN** Overseas Studies: Senshu University, Tokyo, Japan

**OSIE** Overseas Studies: Siena, Italy

**OSIT** Overseas Studies: School for International Training

**OSLO** Overseas Studies: University of Oslo, Oslo, Norway

**OSPE** Overseas Studies: Special Education in Mexico

**OSSP** Overseas Studies: Dakar, Senegal

**OTAM** Overseas Studies: University of Tampere, Tampere, Finland

**OTSP** Overseas Studies: Trans-Atlantic Science Student Exchange Program (TASSEP)

**OUAB** Overseas Studies: University of Aberdeen, Aberdeen, Scotland

**OUDB** Overseas Studies: Barcelona, Spain

**OUEA** Overseas Studies: University of East Anglia, Norwich, England

**OUNA** Overseas Studies: UNAM, Mexico City, Mexico

**OUOT** Overseas Studies: University of Otago, Dunedin, New Zealand

**OUPP** Overseas Studies: University of Uppsala, Uppsala, Sweden

**OVAN** Overseas Studies: Vancouver, Canada

**OVIC** Overseas Studies: Vicenza, Italy

**OVIE** Overseas Studies: Vienna, Austria

**OWAS** Overseas Studies: Waseda University, Tokyo, Japan

**OXAF** Overseas Experimental Program: Africa

**OXAO** Overseas Experimental Program: Asia and Oceania

**OXEU** Overseas Experimental Program: Europe

**OXFA** Overseas Experimental Program: Faculty Led

**OXGL** Overseas Studies: Global Leadership

**OXLA** Overseas Experimental Program: Latin American

**OXMC** Overseas Experimental Program: Multiple Countries

**OXME** Overseas Experimental Program: Middle East

**OYON** Overseas Studies: Yonsei University, Seoul, Korea

## Course Numbering System

Except at the 500 and 600 levels, courses in University of Oregon catalogs are numbered in accordance with the course-numbering plan of the schools in the Oregon University System. Institutions vary in their treatment of 500- and 600-level courses.

### 1–99

Remedial, terminal, semiprofessional, or noncredit courses that do not apply to degree requirements

### 100–299

Lower-division (freshman- and sophomore-level) courses

### 300–499

Upper-division (junior- and senior-level) courses

### 500–599

Courses that offer graduate-level work in classes that include undergraduate students

### 600–699

Courses for graduate students only

### 700–799

Except in the School of Music and Dance, professional or technical courses that apply toward professional degrees but not toward advanced academic degrees such as the MA, MS, or PhD. Both 600 and 700 numbers in the School of Music and Dance indicate graduate courses only.

## Temporary Multilisted and Area-Satisfying Courses

### 100

Temporary lower-division area-satisfying course

### 200M

Temporary lower-division multilisted course

### 298

Temporary lower-division area-satisfying course

### 300

Temporary upper-division area-satisfying course

### 400M

Temporary upper-division multilisted course

### 500M

Temporary graduate-level multilisted course

### 600M

Temporary graduate-level multilisted course

## Generic Courses

Certain numbers are reserved for generic courses that may be repeated for credit under the same number. Except in the School of Law, courses numbered 503, 601, and 603 are offered pass/no pass only.

Credit is assigned according to the work load in a particular course. Credit ranges indicate minimum and maximum credits available in a

single course for a single term, and departments determine their own credit ranges.

**196 Practicum:** [Topic] or **Field Studies:** [Topic]

**198 Workshop:** [Topic] or **Laboratory Projects:** [Topic]

**199 Special Studies:** [Topic]

**299 Special Studies:** [Topic]

**399 Special Studies:** [Topic]

**401 Research:** [Topic]

**402 Supervised College Teaching**

**403 Thesis**

**404 Internship:** [Topic]

**405 Reading and Conference:** [Topic] or **Special Problems:** [Topic]

**406 Practicum:** [Topic] or **Field Studies:** [Topic]

**407/507 Seminar:** [Topic] or **Colloquium:** [Topic]

**408/508 Workshop:** [Topic] or **Laboratory Projects:** [Topic]

**409 Terminal Project or Capstone**

**410/510 Experimental Course:** [Topic]

**503 Thesis**

**601 Research:** [Topic]

**603 Dissertation**

**604, 704 Internship:** [Topic]

**605, 705 Reading and Conference:** [Topic] or **Special Problems:** [Topic]

**606, 706 Practicum:** [Topic] or **Field Studies:** [Topic]

**607, 707 Seminar:** [Topic] or **Colloquium:** [Topic]

**608, 708 Workshop:** [Topic] or **Laboratory Projects:** [Topic]

**609, 709 Terminal Project or Capstone**

**610, 710 Experimental Course:** [Topic]

## Undergraduate Students

To receive an undergraduate degree, a student must have satisfied, at the time of graduation, all requirements for the degree listed in one of the following:

1. the unexpired catalog in effect when the student was first admitted and enrolled at the University of Oregon, **or**
2. any subsequent catalog that has not yet expired

To fulfill major or minor program requirements, a student must complete the requirements in effect

1. when the student first declared the major or minor, **or**
2. when the student changed to a different major or minor

Exceptions to major or minor requirements may be made by the department or program offering the major or minor.

## Graduate Students

To receive a graduate degree, a continuously enrolled student must have completed, at the time of graduation, all requirements described in the department and **Division of Graduate Studies** sections of the catalog in effect when the student was first admitted and enrolled at the University of Oregon. A student who has not maintained continuous enrollment is subject to the requirements described in the department and **Division of Graduate Studies** sections of the catalog in effect the first term the student was readmitted by the Division of Graduate Studies and reenrolled at the University of Oregon.

Requests for exceptions to graduate degree requirements must be submitted in writing to the Division of Graduate Studies prior to graduation.

**While every effort is made to ensure the accuracy of the information in this catalog, the University of Oregon has the right to make changes at any time without prior notice. This catalog is not a contract between the University of Oregon and current or prospective students.**

---

## Catalog Expiration and Requirements Policies

The *University of Oregon Catalog* lists requirements for active degrees offered by the university.

Each catalog goes into effect at the beginning of fall term the academic year of issue. It expires at the end of summer session the seventh academic year after publication.

Advisors and other university employees are available to help, but students have final responsibility for satisfying degree requirements for graduation.

# About the University of Oregon

---

## Mission Statement

*Serving the state, the nation, and the world since 1876.*

The University of Oregon is a comprehensive public research university committed to exceptional teaching, discovery, and service. The university is a community of scholars, helping members of its community to question critically, think logically, reason effectively, communicate clearly, act creatively, and live ethically.

### Purpose

The university community strives for excellence in teaching, research, artistic expression, and the generation, dissemination, preservation, and application of knowledge, devoted to fostering the next generation of leaders and informed participants in the global community. Through these pursuits, the social, cultural, physical, and economic well-being of the students, the state, the nation, and the world are enhanced.

### Vision

The university community aspires to create a preeminent and innovative public research university encompassing the humanities and arts, the natural and social sciences, and the professions, seeking to enrich the human condition through collaboration, teaching, mentoring, scholarship, creative inquiry, scientific discovery, outreach, and public service.

### Values

The university community values

- the passions, aspirations, individuality, and success of the students and the members of its faculty and staff who work and learn here
- academic freedom, creative expression, and intellectual discourse
- diversity, and seeks to foster equity and inclusion in a welcoming, safe, and respectful community
- the unique geography, history, and culture of Oregon that shapes its identity and spirit
- a shared charge to steward resources sustainably and responsibly

## Inspiration and Discovery

Generations of leaders and citizens have studied at the University of Oregon since it opened in 1876. Today's students, like the more than 250,000 alumni before them, have access to the most current knowledge in lectures, laboratories, and seminars conducted by active researchers. By sharing their research through teaching, faculty members are better able to articulate their findings and to integrate their specialized studies with broader areas of knowledge.

University of Oregon students select courses from departments and programs in the College of Arts and Sciences and from six professional schools and colleges and the Robert Donald Clark Honors College. Some 1,992 faculty members, 44 librarians, and 1,470 graduate and research assistants serve as mentors, colleagues, and friends to the 23,202 undergraduate and graduate students enrolled at the university.

Half of all students are from Oregon, 46 percent are from other states and 4 percent are from other countries. The mix of backgrounds gives

students a chance to know people they might not meet otherwise—a real asset in a world where national and international relations influence everyday life.

Teaching, research, and a spirit of sharing are characteristics of the campus community. Faculty members and students engage in research programs that bring to the university approximately \$180 million in competitive research awards. The university's science departments receive national attention for their work in such areas as computer science, genetics, materials, optics, and neuroscience. Eleven current faculty members belong to the prestigious American Academy of Arts and Sciences, as well as four emeritus faculty. Seven current faculty members have been elected to the National Academy of Sciences, as well as four emeritus faculty. One current faculty member has been elected to the National Academy of Medicine, as well as one emeritus faculty.

## Connection to Community

The sharing of knowledge and the love of learning do not stop at the campus borders. Public service is important to the university.

Members of the UO faculty share their experience and knowledge in community activities that include service in local and state governments. They also serve as consultants for businesses, industries, school districts, and government agencies. Students work as interns in a variety of educational programs in the community and volunteer for service activities.

University programs that serve the public include Academic Extension, which offers for-credit and noncredit activities throughout the state. Planning and technical assistance from the Community Service Center helps Oregon communities solve local problems and improve the quality of life in rural Oregon. For more than four decades, the Oregon Bach Festival has offered an annual program of concerts and master classes to music lovers in the Pacific Northwest. The UO's classical music radio station, KWAX-FM, is an affiliate of the Public Radio International Classical 24. KWAX programs are rebroadcast on translators in several coastal and central Oregon communities and cybercasts entertain listeners around the world. A second radio station, KWVA-FM, serves the Eugene-Springfield metropolitan area and has a live internet stream, playing a varied mix of music in addition to talk shows and live college sports broadcasts. KWVA is a voice for UO students as well as a place for them to gain broadcast, production, and operation experience.

The university's presence is evident at its off-campus facilities—Pine Mountain Observatory in central Oregon near Bend—and its academic programs in Portland and at the coastal Oregon Institute of Marine Biology in Charleston. Access is enabled through several online and hybrid programs.

The university is one of the largest and most stable employers in the state, directly employing 10,033 people. Overall, University of Oregon activity affects more than \$989 million in household earnings and 25,917 jobs in the state.

## The Campus Experience

The university's 295-acre campus is an arboretum of more than 4,000 trees of approximately 500 species, located in the lush Willamette Valley, between the Pacific Ocean and the Cascade Mountains. Campus buildings date from 1876, when the UO's first building opened, to the present, with the recent opening of the Lyllye Reynolds-Parker Black Cultural Center; Willie and Donald Tykeson Hall, the university's hub

for academic and career advising, and home to the College of Arts and Sciences, University Career Center, and Division of Equity and Inclusion; and the Phil and Penny Knight Campus for Accelerating Scientific Impact.

The Museum of Natural and Cultural History is located at East 15th Avenue and Columbia Street. Across campus, the Jordan Schnitzer Museum of Art, a member of the American Alliance of Museums, is noted for its collections of Asian and Northwest art.

The UO Libraries, a member of the Association of Research Libraries, is an important research facility for scholars throughout the Northwest. The free Oregon Card Program allows Oregon residents who are sixteen or older to borrow from the libraries' three-million-volume collection.

Campus athletic facilities include the 54,000-seat Autzen Stadium, the Marcus Mariota Sports Performance Center, the Casanova Athletic Center, the Moshofsky Center, Papé Field, Jane Sanders Stadium, PK Park, Hayward Field, Matthew Knight Arena, and the Student Tennis Center.

Student-guided tours of the university are available Monday through Saturday. Tours may be arranged by calling 541-346-1274. Campus maps and pamphlets describing university programs, answers to questions about services and office locations, and general information about the university are available at the information desk in the main lobby of the Ford Alumni Center.

The university's website has daily news updates and information about programs and events: [www.uoregon.edu](http://www.uoregon.edu) (<http://www.uoregon.edu>).

## Equal Opportunity

The university is committed to equal access to programs, course offerings, facilities, admission, and employment for all of its employees, students, and campus community members. It is the policy of the university to maintain an environment free from harassment and discrimination against any person.

The Office of Investigations and Civil Rights Compliance, formerly the Office of Affirmative Action and Equal Opportunity and the Office of the Title IX Coordinator, offers the UO community a place to discuss and report issues, concerns, and conflicts regarding discriminatory or harassing behavior. The office also helps identify how such concerns and conflicts may best be addressed and resolved. The office supports the university's compliance with federal and state laws regarding discrimination and harassment, affirmative action, and equal employment opportunity.

The office works with students, members of the faculty and staff, and campus community members by:

- Promoting a learning and working environment free from discrimination and harassment.
- Receiving concerns and complaints from any member of the UO community (i.e. students, faculty and staff members, visitors, and program participants) regarding issues of potential discrimination and discriminatory harassment at the university.
- Investigating reports and complaints of discrimination and harassment. As investigators, the office does not act as advocates, but serve in a neutral and impartial capacity.
- Addressing and resolving concerns and complaints of discrimination and harassment through referral and collaboration with stakeholders and partners across campus.

- Explaining and clarifying university policies and procedures as well as federal and state laws and regulations regarding discrimination, harassment, retaliation, and equal opportunity.

Direct related inquiries to the Office of Investigations and Civil Rights Compliance, 677 E. 12th Ave., Suite 452, 5221 University of Oregon, Eugene, Oregon 97403-5221; telephone 541-346-3123.

## Accreditation

The University of Oregon was elected to membership in the Association of American Universities in 1969. The university is accredited by the Northwest Commission on Colleges and Universities. Individual programs in the university's professional schools and colleges are accredited by the following organizations:

Accrediting Council on Education in Journalism and Mass Communications  
 Association to Advance Collegiate Schools of Business  
 American Alliance of Museums  
 American Bar Association  
 American Chemical Society  
 American Psychological Association  
 American Speech-Language-Hearing Association  
 Commission on Accreditation for Marriage and Family Therapy Education  
 Commission on English Language Program Accreditation  
 Council for Interior Design Accreditation  
 Landscape Architecture Accreditation Board  
 National Architectural Accrediting Board  
 National Association of Schools of Art and Design  
 National Association of Schools of Music  
 National Association of Schools of Public Affairs and Administration  
 Network of Schools of Public Policy, Affairs, and Administration  
 Planning Accreditation Board

## University of Oregon Board of Trustees

The University of Oregon is an independent public body governed by the Board of Trustees of the University of Oregon. The trustees have broad authority to supervise and manage the university and may exercise all of the powers, rights, duties, and privileges expressly granted by law or that are incident to the board's powers, rights, duties, and privileges. Except for the university president, who is an ex officio, nonvoting member, the trustees are appointed by the governor and confirmed by the Oregon Senate.

The names of the members follow. The expiration date for each term is June 30 of the year shown.

Ginevra Ralph, BA '83, MA '85, board chair, 2023  
 Steve Holwerda, MBA '91, board vice chair, 2023  
 Marcia Aaron, BA '86, 2025  
 Tim Boyle, BS '71, 2025  
 Renée Evans Jackman, BA '97, 2025  
 Toya Fick, 2025  
 Elisa deCastro Hornecker, BA '82, 2023  
 Ross Kari, BS '80, MBA '83, 2023  
 Julia Lo, student, 2023  
 Ed Madison, PhD '12, faculty member, 2023  
 Lillian Moses, BARCH '09, non-faculty staff member, 2024  
 Connie Seeley, BS '92, 2023  
 John Karl Schulz, ex officio

Jenny Ulum, MA '83, 2026  
Dennis Worden, BA '06, 2025

## Disclaimer

While every effort is made to ensure the accuracy of the information in this catalog, the University of Oregon has the right to make changes at any time without prior notice. This catalog is not a contract between the University of Oregon and current or prospective students.

---

**This publication will be made available in accessible formats upon request. Call Marketing Communications–Design and Editing Services, 541-346-2087.**

# From Admission to Graduation

This section of the catalog holds basic information for prospective students on how to apply to the University of Oregon, choose a major, register for courses, and apply for scholarships, grants, and financial aid, in addition to outlining and explaining their rights and responsibilities.

## Admissions

**Erin Hays, Director, Office of Admissions**

541-346-3201  
541-346-5815 fax  
201 Oregon Hall

*Admission requirements apply to all students seeking to enroll at the University of Oregon.*

### Application Deadlines for Fall Term

| Student Classification                      | Enrollment Deadline                       |
|---------------------------------------------|-------------------------------------------|
| Freshman, early action                      | November 1                                |
| Freshman, standard                          | January 15                                |
| University scholarship                      | January 15                                |
| International freshman                      | January 15                                |
| Transfer, priority                          | March 15                                  |
| Undergraduate reenrollment                  | Friday, 2 weeks before registration opens |
| Transfer, standard                          | June 1                                    |
| International transfer                      | June 1                                    |
| Postbaccalaureate undergraduate or graduate | Thirty days before the start of the term  |
| Graduate                                    | Set by individual departments             |

### Departmental Application Deadlines

The following majors require a separate consideration. Students applying to these majors will receive a separate decision about their acceptance into the major: architecture, art, interior architecture, product design, or music. Be aware of the special admission requirements and application deadlines, and contact that department directly for more information.

Music majors audition for placement and take a musicianship examination scheduled on several dates throughout the spring. Art majors need to declare their major by completing the declaration form available both online (<https://artdesign.uoregon.edu/art/apply/>) and at the art office located at 254 Lawrence Hall.

### Application Deadlines for Winter–Summer Terms

| Student Classification | Enrollment Deadline      |
|------------------------|--------------------------|
|                        | <b>Winter Enrollment</b> |
| Freshmen               | October 15               |
| Transfers              | November 15              |
|                        | <b>Spring Enrollment</b> |
| All classifications    | February 1               |

|          | Summer Enrollment |
|----------|-------------------|
| Freshman | March 1           |
| Transfer | April 15          |

## Freshman Admission

For applicants who are in high school and will graduate prior to enrolling at the University of Oregon or students who have already graduated from high school and will not attempt and college-level coursework after graduation.

### Standard Admission Process

Through the standard admission process, applications are evaluated based on the following criteria:

- Strength of academic course work
- Grades earned
- Grade trends, especially in junior and senior year of high school
- Senior-year course load
- Writing skill, personal characteristics, and special circumstances as shared in the various written and narrative sections of the application
- Extracurricular activities, including community service and employment
- Ability to enhance the diversity of the university community
- Special talents
- Standardized test scores from the ACT or SAT are optional for admission. However, these scores can be used as one option for meeting requirements such as English proficiency, or alternatives requirements for applicants from nonaccredited schools.

### Application Procedure

Freshman applicants must submit the following to the Office of Admissions:

- Completed application for admission, including essays and activities and a nonrefundable application fee, by the standard application deadline. Students can use either the UO's own application, the Common Application, or the Coalition Application, and need to submit only one version of an application. Details are available online (<https://admissions.uoregon.edu/freshmen/>).
- An official high school transcript is not required at the time of applicant in most cases. Instead, students self-report their complete high school record, and official transcripts will be required at the end of the process unless requested sooner by Admissions.
- Test scores from the SAT or ACT are optional for admission. However, official test scores can be considered if submitted officially through the testing agency, or appearing on an official high school transcript. These scores play no specific role in the admission decision, but are sometimes one of a multiple alternatives applicants might use to address a particular situation.

### Standard Admission Requirements

#### Graduation from a Regionally Accredited High School

Applicants who graduate from a nonaccredited high school, were homeschooled, or earned a general equivalency diploma (GED) must meet the alternative admission requirements explained



in more detail online (<http://admissions.uoregon.edu/freshmen/alternativeadmission/>).

## Completion of Required Course Work

Applicants must satisfactorily complete the following high school course work. To meet minimum admission requirements, applicants must complete 15 units in the core areas listed below with a grade of C– or better in each course. Until further notice, during the pandemic, passing or credit-only results will be acceptable if the applicant's school has not provided grades for these courses. These requirements may be in progress at the time of application, provided they are complete by the time the student enrolls at Oregon.

- **English—four years.** All four years should be in preparatory composition and literature, with emphasis on and frequent practice in writing expository prose
- **Mathematics—three years.** Must include first-year algebra and two additional years of college-preparatory mathematics. An advanced mathematics course is highly recommended in the senior year. Algebra and geometry taken prior to ninth grade are acceptable. Regardless of the pattern of mathematics courses or the number of years of mathematics taken, the mathematics course work must include Algebra II (or equivalent) or higher
- **Science—three years.** Must include a year each in two fields of college-preparatory science such as biology, chemistry, physics, or earth and physical science. One year of laboratory science is recommended
- **Social studies—three years.** May include areas such as global studies, history, or social studies electives
- **Second-language proficiency.** Demonstrate with one of the following:
  - Two years of the same second language in high school
  - Two college terms of the same second language
  - Proficiency test (e.g., SAT Subject Test or BYU Foreign Language Assessment)
  - Other options for meeting the second-language requirement, including American Sign Language

Exceptions to this requirement are only considered for students graduating from high schools that do not offer two years of any second language.

College work may be used to complete courses missed in high school. A one-term transferable college course of at least 3 credits (quarter system) is equal to one year of high school work. Applicants are strongly encouraged to contact the UO Office of Admissions to verify that the courses completed will satisfy course pattern deficiencies.

An examination in a second language is strongly recommended to qualify a student for admission by meeting the second-language proficiency requirements. Students who do not take an SAT Subject Test have several other options to prove language proficiency through another approved process.

The UO offers tentative admission based on self-reported record and planned senior schedule. Final admission is granted only after the Office of Admissions has received official transcripts verifying successful completion of all admission requirements and graduation. If an applicant's final record shows a substantial change, or if the applicant does not complete a course that was in progress at the time of application or

admission or completes it with a low grade, the offer of admission may be withdrawn by the university.

## Submission of Scores from Standardized Tests

The University of Oregon accepts scores for the SAT or ACT when reported on official high school transcripts or submitted to the Office of Admissions directly from the testing service. Test scores for applicants planning to participate in intercollegiate athletics must be received directly from the testing service.

When taking the test, applicants should list the University of Oregon as a score recipient. The school code number to use for the SAT is 4846; the code for the ACT is 3498.

## Consideration of Narratives and Essays

Freshman applicants are required to submit an essay that serves as a personal statement to show not only writing ability but insights into the applicant's personal characteristics. Students are also offered a chance to write optional essays for various purposes.

## Consideration of Activities, Work, and Accomplishments

Most applicants are required to share a set number of examples of their activities outside the classroom. Students choose a variety of ways to be involved in activities—lead, volunteer, intern, hold jobs, and achieve special recognition. No type of activity will be valued more highly than another, so students should consider anything they have done as a possibility to share and discuss. However, applicants are limited to a finite number of items, because the selection process does not reward sheer volume of activity. Instead, the university seeks to use this information to better understand who the applicants are, and to learn more about their most meaningful interests and accomplishments.

## Explanation of Special Circumstances (optional)

Applicants whose high school or college performance was affected by any serious illness, diagnosed disability, personal difficulties, or family circumstances should provide a statement to summarize their situation. Dates should be included when applicable. Applicants with D or F grades, especially those grades that make them fall short of course requirements, are strongly encouraged to address the reasons for these grades in this section.

## Alternative Admission

The requirements for standard admission confer no guarantees of admission, and applicants who meet them may or may not be admitted due to the selective, holistic process that takes many academic and personal factors into consideration. Also, students who do not meet these requirements will still be considered for admission. Students who fall short of the standard requirements in any way should never let that deter them from applying; they are strongly encouraged to contact the UO Office of Admissions for further guidance and additional requirements. Students from homeschool settings and those who attend nonaccredited schools may be required to submit additional information and materials. Students who fall short of core subject requirements or those with low grades (especially those who fall below a 3.00 GPA) are encouraged to explain the reasons for their situation in the application.

## Premajor Status

Departments or programs with premajor admission requirements include the Lundquist College of Business, certain majors in the College of Design, the College of Education, the School of Journalism and

Communication, and the Department of International Studies. These units typically only permit newly admitted students to be considered premajors for their majors. A premajor student is eligible to take advantage of the department's advising services and, in most cases, complete lower-division course work required for the major. Each department screens enrolled premajor students who have completed some university study and decides if they may advance to major status.

## Transfer Admission

For applicants who will have attempted any college-level coursework after graduating from high school and will have completed 35 or fewer quarter credits (or 23 or fewer semester credits) by the time of expected enrollment at Oregon, admission will be based on both freshman and transfer admission requirements.

For applicants who have completed 36 or more quarter credits (or 24 or more semester credits) by the time of expected enrollment at Oregon, admission will be based only on the transfer admission requirements.

## Course Requirements

A grade of C– or better is required in the following:

- College-level composition and writing
- College-level mathematics
- Second language: two years in high school or two terms in college

Applicants who will not have completed these courses should still consider applying, and they are encouraged to submit a letter of explanation or include an explanation in the special circumstances statement.

## Required GPA

In college-transferable courses, the following cumulative GPAs are required for admission consideration:

- 2.25 for Oregon residents
- 2.50 for applicants without Oregon residency
- 2.00 for applicants, regardless of residency, who earn an associate of arts Oregon transfer (AAOT) degree from an Oregon community college, an associate of science Oregon transfer (ASOT) degree in business, or an Oregon Transfer Module (OTM) from any public two-year or four-year institution in Oregon

The University of Oregon may recalculate grades for purposes of establishing an admissions GPA. This means that an applicant's admission GPA is not identical to the one presented by the previous institution. These recalculations will be made in regard to transferability of credit, repeat policies, or limits on certain types of credit.

## Second-Language Proficiency

Applicants who graduated from high school or earned a general equivalency diploma (GED) in spring 1997 or later must document second-language proficiency by submitting an official transcript or score report verifying one of the following:

- Two years of the same language at an accredited high school
- Two terms of the same language at a regionally accredited college
- Proficiency test (e.g., SAT Subject Test or Brigham Young University Foreign Language Achievement Test)

Options for meeting the second language requirement, including American Sign Language, are available on the Office of Admissions (<http://admissions.uoregon.edu/apply/secondlanguage.htm>) website. Applicants admitted with an exception to this requirement are required to complete two college terms of the same language before graduating from the University of Oregon, regardless of the major or degree pursued.

## Additional Considerations

Even if an applicant meets the minimum requirements stated above, factors of concern, especially a drop in GPA from recent course work, may still be considered before a decision on admission is made. In addition, when considering applicants who do not meet minimum admission requirements, the Office of Admissions considers additional factors such as whether the applicant holds an associate of arts Oregon transfer degree from an Oregon community college or associate of arts degree from select community colleges in other states; which of the applicant's completed courses fulfill university graduation requirements; the applicant's grade point average (GPA); and the applicant's grade trend throughout his or her academic history. Academic potential and special talents are also considered.

## Application Procedure

Transfer applicants must submit the following to the Office of Admissions:

1. A completed application for admission and a nonrefundable application fee
2. An official transcript from each college and university attended. It is a firm requirement that applicants submit transcripts from any previous institution where credit was attempted, regardless of the grades or amount of credit earned, and regardless of how or whether the applicant intends to apply these credits toward UO requirements. Applicants who omit record of previous work attempted will be denied admission, and admitted students for whom this omission is discovered can have their offer of admission revoked, even if it is after they have begun enrollment at Oregon
3. A high school transcript is not always required, but is often needed—not only for admission but for federal aid eligibility. Students should provide the high school transcript at the time of application whenever possible

Transfer students may submit their applications up to six months before they plan to enroll at the university, but may be asked to provide updated transcripts before final decisions are reached. Applications and official transcripts should be received by the university by the deadlines listed above to allow time for a complete evaluation of the transferred credits.

## Transfer of Credit

The amount of credit transferred depends on the nature of the applicant's college work, which is evaluated according to the academic requirements of the University of Oregon. Only college-level academic course work from regionally accredited two- and four-year colleges or universities will be considered for transfer. Up to 124 credits from regionally accredited community or junior colleges, of which only 90 credits may be transferred from an international junior college, may be applied to the bachelor's degree.

See **Bachelor's Degree Requirements** for requirements that apply to new undergraduates.



## Premajor Status

Departments or programs with premajor admission requirements are the Lundquist College of Business, certain majors in the College of Design, the College of Education, the School of Journalism and Communication, and the Department of International Studies. These units only permit newly admitted students to be considered premajors for their majors.

A premajor student is eligible to take advantage of the department's advising services and, in most cases, complete lower-division course work required for the major. Each department screens enrolled premajor students who have completed some university study and decides if they may advance to major status.

## Dual Enrollment Program

The University of Oregon has dual-enrollment agreements with Lane Community College and Southwestern Oregon Community College. These programs provide students with the academic and administrative advantages of simultaneous enrollment in two institutions. More information and applications for admission are available from the UO Office of Admissions and at either community college. No student can be in the dual enrollment program without first being successfully admitted to the University of Oregon.

## International Admission

Applicants who are not United States citizens or permanent residents are considered for admission to the university as international students.

International applicants, whether freshman or transfer, may apply for admission fall, winter, and spring terms and summer session. All deadlines are the same as for US students in these categories. Applications received after the deadlines are considered on a space-available basis. See the admission requirements for individual countries (<http://admissions.uoregon.edu/international/apply/requirements/>).

A GPA of 2.50 is required for undergraduates who want to transfer from another university or college.

**English Proficiency.** Students whose native language is not English must supply results of a standardized language-proficiency test. The University of Oregon currently accepts the TOEFL, IELTS, or Duolingo English Test (DET) examinations for establishing proficiency, as well as the SAT or ACT. To be considered for full admission without an English placement test upon arriving, applicants must score an 88 on the TOEFL iBT, 6.5 in the IELTS, or a 100 on the DET. An applicant with at least a 61 TOEFL or 6.0 IELTS can be considered for full admission and will take an English language placement test after arriving at the university. Placement test results determine whether students are required to take language support courses in the Academic English for International Students (AEIS) program. Students placed in AEIS courses also concurrently enroll in regular university credit courses.

**Conditional admission.** International applicants who do not meet the proficiency requirements above may be offered conditional admission if their academic record is otherwise strong for admission. Through the conditional admission program, the student can take courses through the Intensive English Program (IEP), then proceed to regular university credit courses once IEP requirements are satisfied.

More information about the American English Institute and AEIS and IEP courses may be found on the institute's website (<http://aei.uoregon.edu>).

## Application Procedure

International applicants for freshman or transfer admission must submit the following to the Office of Admissions:

1. A completed international application for admission and a nonrefundable application fee
2. Official transcripts of all schoolwork taken beyond the eighth year of school (i.e., the equivalent of the American secondary school grades 9–12 and for any college or university work). An official transcript is an original or a certified copy in a sealed envelope. (In most cases, international freshman applicants will instead self-report their high school transcript at the time of application; they will still be required to provide an official final transcript at the end of the process.)
3. An official test score report from one of the English proficiency tests described above
4. Proof of sufficient funds to pay one year's tuition and living expenses while at the University of Oregon, consisting of a bank statement or certificate of balance prepared within the last six months, or a scholarship letter. This proof is a requirement of the US government

## Postbaccalaureate Admission

Students who have earned a bachelor's degree and want to earn a second undergraduate degree or to take additional work without entering a formal degree or certification program may be admitted with postbaccalaureate undergraduate status. These students pay appropriate undergraduate fees. Applications and information are available from the Office of Admissions.

## Graduate Admission

Students planning to pursue graduate study at the university must be admitted to the Division of Graduate Studies and the departments in which they plan to study. General admission requirements for the Division of Graduate Studies are described in that section of this catalog. Each school and department in the university determines its specific requirements and application deadlines for graduate admission. For this reason, inquiries concerning graduate admission should be sent directly to the department or school of interest.

## Notice to Nonresidents of the State of Oregon

### Definitions

*The following words and phrases mean:*

(1) *"Domicile" is a person's true, fixed, and permanent home and place of habitation. It is the place where a person intends to remain and to which the person expects to return when the person leaves without intending to establish a new domicile elsewhere. In order to establish a domicile in Oregon, a person must maintain a predominant physical presence in Oregon for 12 consecutive months after moving to the state.*

(2) *A "financially independent person" is a person who, at the time of application for residency status:*

*(a) declares himself or herself to be financially independent;*

*(b) has not been claimed as a dependent during the immediately preceding tax year, and will not be claimed as a dependent during the current tax year, on the federal or state income tax returns of any other person; and*

(c) has not received in the immediately preceding calendar year, and will not receive during the current calendar year, one-half or more of his or her support, in cash or in kind, from another person or persons, except for support received from his or her spouse.

A "financially dependent person" is a person who, at the time of application for residency status:

(a) has been claimed as a dependent on the federal and state income tax returns of another person during the immediately preceding tax year; or

(b) is eligible to be claimed as a dependent for tax purposes and can provide evidence that one-half or more of the individual's financial support was provided by another person or persons.

## Determination of Residence

(1) For purposes of admission and instruction fee assessment, the University of Oregon shall classify a student as an Oregon resident or nonresident. In determining resident or nonresident classification, the primary issue is a person's intent in coming to Oregon. Intent is inferred from a person's conduct and history as they relate to the requirements of these residency rules. If a person is in Oregon primarily for the purpose of obtaining an education, that person will be considered a nonresident. It is possible for an individual to qualify as a resident of Oregon for purposes of voting or obtaining an Oregon driver's license and not meet the residency requirements established by these rules.

(2) An Oregon resident is a financially independent person who, prior to the term for which Oregon resident classification is requested, has both:

(a) established and maintained a domicile in Oregon for 12 consecutive months; and

(b) during that period, has been primarily engaged in activities other than those of being a college student.

(3) A student may be considered primarily engaged in educational activities regardless of the number of hours for which the student is enrolled. However, a student who is enrolled for more than 8 hours in any semester or quarter during the 12-month period referred to in section (2) of this rule shall be presumed to be in Oregon for primarily educational purposes. Such period of enrollment shall not be counted toward the establishment of a bona fide domicile of 12 consecutive months in this state unless the student proves, in fact, establishment of a bona fide domicile in this state primarily for purposes other than educational.

(4) An Oregon resident is also a financially dependent person who is claimed as a dependent by another person who has both:

(a) established and maintained an Oregon domicile for 12 consecutive months; and

(b) during that period, has been primarily engaged in activities other than those of being a college student.

(5) A financially dependent person who is claimed as a dependent by another person who has not established and maintained an Oregon domicile shall be presumed to be a non-resident. This presumption may be overcome by evidence of the student's long-standing presence in Oregon and demonstration of other factors.

(6) The criteria for determining Oregon resident classification shall also be used to determine whether a person who has moved from Oregon has established a non-Oregon residence.

(7) If institution records show that the residence of a student or the person upon whom the student is dependent is outside of Oregon, the student shall continue to be classified as a nonresident until entitlement to resident classification is shown. The burden of showing that the residence classification should be changed is on the student requesting the change.

(8) Notwithstanding section (4) of this rule, a student who is financially dependent on a non-Oregon resident may nonetheless be considered an Oregon resident if the student resides in Oregon for at least 12 consecutive months with a parent or legal guardian who has both:

(a) established and maintained an Oregon domicile for 12 consecutive months; and

(b) during that period, has been primarily engaged in activities other than those of being a college student.

## Residency Consideration Factors

(1) The following factors, although not necessarily conclusive or exclusive, have probative value in support of a claim for Oregon resident classification:

(a) Reside in Oregon for 12 consecutive months prior to the beginning of the term for which resident classification is sought and during that period be primarily engaged in activities other than those of a college student;

(b) Reliance upon Oregon resources for financial support;

(c) Domicile in Oregon of persons legally responsible for the student;

(d) Acceptance of an offer of permanent employment in Oregon; and

(e) Ownership by the person of his or her living quarters in Oregon.

(2) The following factors, standing alone, do not constitute sufficient evidence to effect classification as an Oregon resident:

(a) Voting or registration to vote;

(b) Employment in any position normally filled by a student;

(c) The lease of living quarters;

(d) Admission to a licensed practicing profession in Oregon;

(e) Automobile registration;

(f) Public records, for example, birth and marriage records, Oregon driver's license;

(g) Continuous presence in Oregon during periods when not enrolled in school;

(h) Ownership of property in Oregon or the payment of Oregon income or other Oregon taxes; or

(i) Domicile in Oregon of the student's spouse.

(3) Reliance upon non-Oregon resources for financial support is an inference of residency in another state.

## Evidence of Financial Dependency

(1) In determining whether a student is financially dependent, a student must provide:

(a) Evidence of established domicile of the person claiming the student as a dependent; and

(b) The identification of the student as a dependent on the federal and state income tax returns of the person claiming the student as a dependent. Additional documentation to substantiate dependency during the current calendar year may be required at a later time if deemed necessary by the institution.

(2) A student who provides evidence that he or she is a financially dependent person under these rules shall not be required to establish a 12-month domicile prior to classification of resident status, provided such a student may not be classified as a resident while receiving financial assistance from another state or state agency for educational purposes.

## Residence Classification of Armed Forces Personnel

(1) For purposes of this rule, members of the armed forces means officers and enlisted personnel of:

(a) The Army, Navy, Air Force, Marine Corps, and Coast Guard of the United States;

(b) Reserve components of the Army, Navy, Air Force, Marine Corps, and Coast Guard of the United States;

(c) The National Guard of the United States and the Oregon National Guard.

(2) Active members of the armed forces and their spouses and dependent children shall be considered residents for purposes of the instructional fee if the members:

(a) Reside in this state while assigned to duty at any base, station, shore establishment, or other facility in this state;

(b) Reside in this state while serving as members of the crew of a ship that has an Oregon port of shore establishment as its home port or permanent station; or

(c) Reside in another state or a foreign country and file Oregon state income taxes no later than 12 months before leaving active duty.

(3) An Oregon resident entering the armed forces retains Oregon residence classification until it is voluntarily relinquished.

(4) An Oregon resident who has been in the armed forces and assigned on duty outside of Oregon, including a person who establishes residency under section (2)(c) of this rule, must, within a reasonable time, demonstrate an intent to retain classification as an Oregon resident. Such intent may be shown by returning to Oregon within six months after completing service in the armed forces.

(5) A person who continues to reside in Oregon after separation from the armed forces may count the time spent in the state while in the armed forces to support a claim for classification as an Oregon resident.

(6) The dependent child and spouse of a person who is a resident under section (2) of this rule shall be considered an Oregon resident. "Dependent child" includes any child of a member of the armed forces who:

(a) Is under 18 years of age and not married, otherwise emancipated or self-supporting; or

(b) Is under 23 years of age, unmarried, enrolled in a full-time course of study in an institution of higher learning, and dependent on the member for over one-half of his/her support.

## Residence Classification of Members of Oregon Tribes

(1) Students who are enrolled members of federally recognized tribes of Oregon or who are enrolled members of a Native American tribe which had traditional and customary tribal boundaries that included parts of the state of Oregon or which had ceded or reserved lands within the state of Oregon shall be assessed resident tuition regardless of their state of residence.

(2) For purposes of this rule, the federally recognized tribes of Oregon are:

(a) Burns Paiute Tribe;

(b) Confederated Tribes of Coos, Lower Umpqua and Siuslaw;

(c) Confederated Tribes of Grand Ronde Community of Oregon;

(d) Confederated Tribes of Siletz Indians of Oregon;

(e) Confederated Tribes of the Umatilla Indian Reservation;

(f) Confederated Tribes of the Warm Springs Indian Reservation;

(g) Coquille Indian Tribe;

(h) Cow Creek Band of Umpqua Indians;

(i) Klamath Tribes.

(3) For purposes of this rule, the Native American tribes which had traditional and customary tribal boundaries that included parts of the state of Oregon or which had ceded or reserved lands within the state of Oregon are:

(a) CALIFORNIA:

(A) Benton Paiute Tribe;

(B) Big Bend Rancheria;

(C) Big Lagoon Rancheria;

(D) Blue Lake Rancheria;

(E) Bridgeport Indian Colony;

(F) Cedarville Rancheria;

(G) Fort Bidwell Indian Tribe;

(H) Hoopa Valley Tribe;

(I) Karuk Tribe of California;

(J) Likely Rancheria;

(K) Lookout Rancheria;

(L) Lytton Rancheria;

(M) Melochundum Band of Tolowa Indians;

(N) Montgomery Creek Rancheria;

(O) Pit River Tribe;

(P) Quartz Valley Indian Community;

(Q) Redding Rancheria;

(R) Roaring Creek Rancheria;

(S) Smith River Rancheria;

(T) Susanville Rancheria;

(U) Tolowa-Tututni Tribe;

(V) Winnemucca Colony;

(W) XL Ranch;

(X) Yurok Tribe.

(b) IDAHO:

(A) Nez Perce Tribe of Idaho;

(B) Shoshone-Bannock Tribes.

(c) NEVADA:

(A) Duck Valley Shoshone-Paiute Tribes;

(B) Fallon Paiute-Shoshone Tribe;

(C) Fort McDermitt Paiute-Shoshone Tribe;

(D) Lovelock Paiute Tribe;

(E) Pyramid Lake Paiute Tribe;

(F) Reno-Sparks Indian Colony;

(G) Summit Lake Paiute Tribe;

(H) Walker River Paiute Tribe;

(I) Winnemucca Indian Colony;

(J) Yerington Paiute Tribe.

(d) OKLAHOMA: Modoc Tribe of Oklahoma.

(e) WASHINGTON:

(A) Chehalis Community Council;

(B) Colville Confederated Tribes;

(C) Quinault Indian Nation;

(D) Shoalwater Bay Tribe;

(E) Yakama Indian Nation.

(4) A student seeking to be assessed resident tuition under the provisions of this rule shall submit, following procedures prescribed by the OUS institution where the student seeks to enroll, a photocopy of tribal enrollment that documents tribal membership.

## Residence Classification of Non-Citizens

A person who is not a citizen of the United States may be considered an Oregon resident if the person qualifies as a resident and is one of the following:

(1) A lawful permanent resident. The date of receipt of an application for lawful permanent residency shall be the earliest date upon which the 12-month residency requirements may begin to accrue.

(2) An immigrant granted refugee or political asylum in the United States, or entering through a special parole program (such as the Haitian Family Reunification Parole Program, the Cuban Family Reunification Parole Program, the Central American Minor Refugee/Parole Program, the Filipino World War II Veterans Parole Program). The date of receipt of an application for political asylum, refugee status, or qualifying special parole program shall be the earliest date upon which the 12-month residency requirements under Section B may begin to accrue.

(3) A person holding one of the following non-immigrant visa classifications: A, E, G, H-1B, H-1C, the spouse or child of a person holding an H-1B or H-1C visa, I, K, L, NATO, O, R, S, T, TN, U, or V. The date of the issuance of a visa for one of these classifications shall be the earliest date upon which the 12-month residency requirements may begin to accrue. A person possessing a non-immigrant or temporary visa that is not identified under this rule shall not be considered an Oregon resident.

(4) A person who is a citizen of an American territory or a sovereign nation that does not require a nonimmigrant visa to travel to the US.

(5) An immigrant granted a federal status leading to the establishment of permanent residency or citizenship in the United States. Documentation of a status that is not explicitly included in this compact will be at the discretion of the Interinstitutional Residency Committee.

## Changes in Residence Classification

(1) If an Oregon resident student enrolls in an institution outside of Oregon and later seeks to re-enroll in a University that applies these residency standards, the residence classification of that student shall be re-examined and determined on the same basis as for any other person.

(2) A student who becomes eligible for resident tuition during a term of enrollment at a University will not qualify for resident tuition until the beginning of the next term.

(3) Once established, classification as a resident continues so long as the student remains in continuous academic year enrollment in the classifying institution.

(4) A person who seeks classification as a resident under these rules shall complete and submit a notarized Residence Information Affidavit. The affidavit and all required supportive documents and materials must be submitted by the last day to register for the term in which resident status is sought.

(5) No other institution is bound by any determination of residency except by duly authorized officials under procedures prescribed by these rules including timely submittal of the notarized affidavit.

## Review of Residence Classification Decisions

An interinstitutional residency committee (IRC) is established consisting of the officers who determine student residence classification at each university that applies this residency procedure. The chair of the committee shall rotate among the universities with no chair serving



*more than two consecutive years. A majority of the members of the committee shall constitute a quorum. A majority of a quorum may make recommendations.*

*Residence cases of unusual complexity, especially where there may be conflict of rules, may be referred to by the originating classification officer to the IRC for its recommendation.*

*Any person who is aggrieved by the originating classification officer's classification decision may, within 10 days of the date of mailing or other service of the classification decision, request that the IRC review the classification and make recommendations to the registrar or designee of the originating university. The appeal must be in writing and shall be filed with the originating university. An aggrieved person may supply written statements to the IRC for consideration in reviewing the case and may also make oral presentation to the IRC on a date to be scheduled by the IRC. The IRC shall make a recommendation to the registrar or designee of the originating university. That registrar or designee shall then issue a decision. The decision of the registrar or designee shall be final unless appealed.*

*A person dissatisfied with the decision of the registrar or designee may, within 10 days of the date of the mailing or other service of the decision, appeal the decision to the president or designee of the originating university. An appeal shall be in writing only. The decision of the president or designee shall be final.*

*A person granted a meritorious hardship exception to residency under the Oregon Administrative Rules regarding residency prior to July 1, 1990, shall not lose the exception solely because of the repeal of the exception authorization.*

## Registration and Academic Policies

### Julia Pomerenk, University Registrar

541-346-2935  
541-346-6682 fax  
234 Oregon Hall  
registrar@uoregon.edu

## Student Records Policy

In compliance with the Family Educational Rights and Privacy Act, the University of Oregon has formulated the Student Records Policy to outline the proper handling and release of student educational records. The following is a summary of that policy.

The university maintains only student records relevant to the educational or related purposes of the university. Students enrolled in the university generally have the right to inspect educational records maintained by the university that directly affect them. Those records are not released to anyone other than the student without the signed, written consent of the student, with the following exceptions:

1. University personnel who have legitimate interests
2. Officials at another school where the student seeks to enroll or is already enrolled
3. At the direction of a court
4. In situations of health or safety emergency
5. The disclosure is information designated as directory information

Upon request, the university releases directory information about the student, but the student may request, in writing, that such information not be released. Contact the Office of the Registrar for details about making a request for nonrelease.

The full text of the Student Records Policy is available from the Office of the Registrar and on the registrar's website.

---

## Academic Year

The university divides the academic year into three terms of approximately 11 weeks each (except for the School of Law, which uses a semester calendar).

The summer session supplements the work of the fall, winter, and spring terms; announcements are issued for that session.

Students may enter the university at the beginning of any term, with the exception of architecture students, who should see Application Deadlines under **Admissions**. The university's new-student orientation, IntroDUCKtion, is held in July and August for freshman and transfer students who enter fall term. All new students are urged to attend; students who do not attend IntroDUCKtion are oriented and register for classes during the Week of Welcome. See the **Academic Calendar** for other important dates during the current academic year.

Students are held responsible for familiarity with university requirements governing such matters as registration, add/drop deadlines, academic standards, student activities, student conduct, and organizations. Academic regulations are listed on the registrar's website.

---

## About the UO Catalog

This publication, the 2023-24 University of Oregon Catalog, is a statement of university rules, regulations, and calendars that goes into effect at the opening of fall term 2023. Changes to the university curriculum that were made through winter term 2023 are reflected in the academic sections of the catalog. **Bachelor's Degree Requirements**, in this section of the catalog, have been updated to reflect curriculum changes that were made through spring term 2023.

A student who is admitted and enrolls at the university during any academic year may graduate under the general requirement provisions of the catalog in effect that year, provided the catalog has not expired. A student may choose to graduate under the general requirements of a subsequent catalog, provided he or she completes all of those requirements. Major requirements are determined by the academic departments and programs; requirements are subject to change for students who are not continuously enrolled. See Catalog Expiration and Requirements Policies in the **Reader's Guide to the Catalog** section for more information.

Undergraduate and graduate degrees and certificates are listed in the **Undergraduate Programs** and **Graduate Programs** section of this catalog. For details about graduate degrees, see the **Division of Graduate Studies** section.

---

## Grading Systems

The university has two grading systems. When regulations permit, a student may elect to be evaluated for a course with a letter grade or pass/no pass (P/N). Letter-graded work is designated A, B, C, D, or F. Pass/no pass work is designated P or N. An asterisk after the P or N indicates that the course is offered P/N only. See Bachelor's Degree Requirements for regulations on graded credits.

Each department, school, or special program establishes regulations on pass/no pass courses for its majors. Before exercising the P/N option, students should confer with advisors.

Students must choose their grading option at the time of registration and are permitted to change it only within the period allowed.

Students who register and never attend or participate in a course and students who attend and participate in part of the course but do not complete the course requirements will receive a grade of F or N, based on the grading option in registration.

### Graded

Student work is graded as follows: A, excellent; B, good; C, satisfactory; D, inferior; F, unsatisfactory (no credit awarded). Instructors may affix + or – to the grades A, B, C, and D.

### Pass/No Pass

Courses that are offered pass/no pass only are assigned P\* or N\* grades. Courses offered for letter grades or pass/no pass use P or N grades without an asterisk.

Student work may be graded as follows: P (pass), satisfactory performance (C– or better for undergraduate course work, B– or better for graduate course work), or N (no pass), unsatisfactory performance, no credit awarded (D+ or worse for undergraduate course work, C+ or worse for graduate course work). The class schedule designates courses that are offered only pass/no pass. Passing credits are also awarded for advanced placement and College-Level Examination Program work and for work taken at another collegiate institution when that institution has already recorded a pass/no pass mark or if the registrar's staff cannot equate the quality of the work to the UO grading system.

## Marks

### AU (Audit)

Student-initiated mark. Audit enrollments are recorded on the student's academic record, but no credit is earned by audit. Audited classes do not satisfy degree requirements, nor do they count toward the Division of Graduate Studies continuous enrollment requirement.

### I (Incomplete)

A mark of "I" represents an agreement between an instructor and a student to extend the deadline for coursework completion. Incompletes shall be granted when the instructor determines that the student meets all the following criteria. The student:

- has been active in the course;
- is unable to complete a portion of the course requirements due to extenuating circumstances beyond their control that occurred after the last day to drop a class (end of week 7 of fall/winter/spring terms; variable dates for summer courses);

- is able to independently complete the remaining requirements without attending additional classes beyond the term or receiving additional instruction; and
- requests an Incomplete by the published deadline

If additional class attendance or instruction is required to complete course requirements, the instructor shall not issue an Incomplete.

Lack of engagement, poor performance, or a desire to repeat the course are unacceptable reasons for issuance of the "I" mark.

Instructors shall provide to the student access to course materials necessary to complete the missing work.

Incomplete grades can only be granted by instructors and instructors are under no obligation to grant students an incomplete grade if in their judgement the criteria stated above are not met.

An Incomplete shall not be recorded by the instructor unless a contract between the instructor and student has been completed and filed appropriately.

### Effective fall 2022 - General Process for Incompletes

- Incompletes are initiated by the student
- Student contacts instructor and requests Incomplete by 5pm on the last day of finals week (fall, winter, and spring terms)
- If the instructor agrees that the student meets the criteria, the instructor and the student complete a contract outlining how the Incomplete can be resolved, the deadline for resolving the incomplete, and the default grade should the student not complete the agreed upon work. The default grade is the grade the student would receive according to the syllabus grade guidelines with no credit for the missing work
- This form is filed
- The missing work indicated on the form must be completed by the earlier of:
  - grading deadline of the term the student applied to graduate, or
  - deadline stated on the Incomplete Request Form (can be extended at the discretion of the instructor), or
  - the day grades are due one academic year later

For students with Incomplete contracts, the instructor will record the "grade" in DuckWeb that indicates an Incomplete has been agreed to. Currently, that is an "I". The instructor will also record, in DuckWeb and/or the contract form, the grade the student would have received in the course if they received no credit for the missing work. This becomes the default grade that replaces the Incomplete mark should the student not complete the work outlined in the contract by the appropriate deadline (either the grading deadline of the term the student applied to graduate or the day grades are due one academic year later).

If the student completes the work defined in the contract by the agreed upon date, the instructor calculates and updates the grade via the grade change process.

This policy applies to all undergraduate and graduate courses.

The Incomplete mark will roll to the default grade even if an incomplete contract is in place if the student has applied to graduate. Degree application status is not directory information; instructors do not have a way to verify.



A mark of I/F will not convert to N as part of First Term Forgiveness. It will instead convert to an F.

### **W (Withdrawal)**

Student-initiated mark. Students may withdraw from a course through web registration. See the online class schedule for deadlines.

### **X (No Grade Reported)**

Registrar-initiated mark. The instructor did not report a grade for the student.

### **Y (No Basis for Grade)**

Instructor-initiated mark used prior to fall 2017. There is no basis for evaluating the student's performance.

Effective fall 2017, the Y mark is no longer used. Instructors issue a grade of F or N, as indicated by the grading option, to students who register and never attend or participate in the course, and to students who attend and participate in part of the course but do not complete all course requirements.

## **First-term Grade Forgiveness**

Effective fall 2020, the grading option for first-term students who receive an F in a course will automatically be converted from graded to pass/no pass. First-term students who receive a D will have until the end of the following term (defined as 11:59 pm PT Friday of the 10th week for Fall, Winter, Spring and 11:59 pm PT Friday of the 11th week of the final 12-week summer session) to request that their grading option be converted from graded to pass/no pass. Students are required to meet with an advisor designated by the Office of Academic Advising before submitting a request to have D grades change to N and are encouraged to connect with a Financial Aid counselor.

Eligible students whose F is converted to N may, at their discretion, opt out of the policy and request that the Office of the Registrar convert the grade back to F by the end of the following term. Academic standing will be based on the F grade.

This policy applies to:

- All matriculated first-term admitted undergraduate students pursuing their first bachelor degree, including transfer students.
- All undergraduate classes taken by those students that allow the Pass/No Pass grading option. Classes where the student's grade is associated with a conduct case where the student was found responsible will not be eligible to change to an N under this policy.

For students who receive a D, academic standing will initially be calculated using the letter grade but will be recalculated using the P/NP grade if the student requests the grading option change before the end of the following term.

For students who receive an F, academic standing will be calculated using the P/NP grading option.

Students who receive an F will have the change to Pass/No Pass made by the Office of the Registrar before calculation of academic standing for the term. Any other changes to grading mode made under this policy will result in a recalculation of academic standing for the term if the Office of the Registrar receives the request from the student prior to the end of the following term. That recalculation will be based on grades recorded for

the student at the time the change takes place irrespective of whether any other grade changes were related to this policy.

F grades that are recorded after the grading deadline will not automatically convert to an N; students who wish to request such a change will need to submit a petition for a late grade option change.

A mark of I/F will not convert to N as part of First Term Forgiveness. It will instead convert to an F.

A student's record (grades, grade option, academic standing) will not be altered under this policy after the end of the following term. A student whose grade changes for other reasons (petitions to change grade option, instructor change, etc.) will not have their academic standing recalculated.

Students whose grade is updated as a result of this policy will be required to meet with an advisor designated by the Office of Academic Advising before the end of the following term. It is strongly recommended that if students are receiving veteran's benefits, they also meet with a veteran's certifying official in the Office of the Registrar.

### **Grade Point Average**

For terms prior to fall 2016, grades for courses taken at the University of Oregon appear on both the official and unofficial transcript and are included in the term and cumulative GPA calculation.

Effective fall 2016 through summer 2019, for undergraduate courses not designated as repeatable for credit, only the second grade earned of a repeated course is calculated into the cumulative GPA.

Effective fall 2019, all graded attempts of courses taken at the University of Oregon are calculated into the term and cumulative GPAs.

Grades for undergraduate courses taken at the University of Oregon appear on both the official and unofficial transcript. However, credit for nonrepeatable courses is given only once.

Grades recorded as a result of sanctions and/or academic misconduct are included in the cumulative GPA and will not be excluded in any event of repetition. Conduct grades may not be petitioned.

Four points are assigned for each credit of A, three points for each credit of B, two points for each credit of C, one point for each credit of D, and zero points for each credit of F. The plus sign increases the points assigned the letter grade by 0.3 per credit, and the minus sign decreases the points assigned the letter grade by 0.3 per credit. The grade point average is calculated by dividing total points by total credits of A, B, C, D, and F. Marks of AU, I, W, X, Y, and the grades of P and N are disregarded in the computation of the grade point average. The grade point average is truncated at two digits after the decimal point.

## **Academic Standing**

When there is evidence of lack of satisfactory progress toward meeting graduation requirements, the Scholastic Review Committee may place students on academic probation or disqualify them from attendance at the university. For information and assistance, students should inquire at the Office of Academic Advising, 101 Oregon Hall.

After grades are processed at the end of each term, term and cumulative UO GPAs are calculated for each undergraduate student, admitted or nonadmitted. A student's academic standing is based on attempted and earned hours and on the term and cumulative UO GPAs.

If a grade change affects the student's term and cumulative UO GPAs and academic standing, the student should ask the instructor to submit the grade change through DuckWeb immediately. Retroactive changes to a term's academic standing are made only to remove probation from the term record and only if grade changes are submitted by the last day to register and add classes for the following term. If grade changes that affect GPAs and academic standing are submitted later than this, the student's probation standing for the previous term is not amended.

## Academic Warning

Students receive an academic warning when the UO term GPA is between 0.00 and 1.99, inclusive, even if the UO cumulative GPA is 2.00 or higher. This notation is not recorded on the student's official academic transcript, but does appear on the unofficial transcript. Terms with marks resulting in no GPA are considered to be below 2.00 unless all attempted credits for that term were passed. Students who completely withdraw from a term with W marks receive a 0.00 term GPA, and are thus subject to academic warning, probation, and/or disqualification.

Academic warning is given as a courtesy to advise students of potential academic difficulty. Academic probation does not depend on the student receiving prior notice of academic warning.

## Academic Probation

Academic probation is earned and the notation "Academic Probation" is recorded on the student's academic transcript whenever the following conditions exist:

1. When the UO cumulative GPA is lower than 2.00. Students who have earned 44 or fewer credits are allowed two terms of probation before they are subject to disqualification. Students with more than 44 credits are only allowed one term of probation before they are subject to disqualification. Students on academic probation whose UO cumulative GPA is lower than 2.00 and whose UO term GPA is 2.00 or higher remain on academic probation.
2. When students have received academic warning for two consecutive terms and their subsequent UO term GPAs are between 0.00 and 1.99, inclusive, even if the UO cumulative GPA is above a 2.00. Terms with marks resulting in no GPA are considered to be below 2.00 unless all attempted credits for that term were passed. Students who completely withdraw from a term with W marks receive a 0.00 term GPA, and are thus subject to academic warning, probation, and/or disqualification.

Students on academic probation are limited to a study load of no more than 15 credits. Incoming students may be admitted on academic probation and are notified when such action has been taken; these students may be subject to disqualification after a single term of probation.

## Academic Disqualification

Academic disqualification is earned and the notation "Disqualification" is recorded on the student's academic transcript whenever the following conditions exist:

1. Students on academic probation for having a UO cumulative GPA lower than 2.00 who earn a UO term GPA lower than 2.00 in their next term.
2. Students on academic probation for having a term GPA below 2.00 after two consecutive terms on academic warning and who earn less than a 2.00 term GPA for the fourth consecutive term. Terms with marks resulting in no GPA are considered to be below 2.00

unless all attempted credits for that term were passed. Students who completely withdraw from a term with W marks receive a 0.00 term GPA, and are thus subject to academic warning, probation, and/or disqualification.

Students may apply for reinstatement after disqualification by contacting the Office of Academic Advising. Petitions are reviewed to determine the probability that a student can satisfactorily complete the requirements of a degree program. The student may enroll during the academic year only if the Scholastic Review Committee allows the student to continue on probationary status. Students may enroll for summer classes without being reinstated. Students who have been disqualified must petition for reinstatement to graduate.

## Exceptions to Academic Regulations

1. Two standing university committees review requests in writing for exceptions to university rules, regulations, deadlines, policies, and requirements: the Academic Requirements Committee and the Scholastic Review Committee. For information about how to submit a petition to the Academic Requirements Committee, inquire at the Office of the Registrar, 234 Oregon Hall; call 541-346-2935. For information about how to submit a petition to the Scholastic Review Committee, inquire at the Office of Academic Advising, 101 Oregon Hall; call 541-346-3211.
2. For information about removal from academic probation and academic reinstatement options, inquire at the Office of Academic Advising.

## Registering for Classes

### Class Schedule

The class schedule is published online two weeks prior to priority registration each term. The schedule lists courses offered for the term. Dates, deadlines, procedures, and information about tuition and fees can be found on the registrar's website.

### Registration

A registration period takes place before the start of classes each term; the dates are published in advance. Students are not officially registered and are not entitled to attend classes until they have completed the prescribed registration procedures. Students must minimally be registered for "audit" to sit in on classes.

Once registered, students are academically and financially responsible for their course enrollments until they officially withdraw. Withdrawal after the term begins results in some financial liability. Appropriate withdrawal procedures are explained on the registrar's website.

## New Student Registration

Entering undergraduate students should plan to attend IntroDUCKtion, offered during the summer. After being notified of admission to the University of Oregon for fall term, new students receive information about this program. Space is limited, so sign up early. IntroDUCKtion is a requirement for all new students. Students admitted in terms other than fall term will attend an orientation session specific to the term for which they are admitted. Additional information is available on the Student Orientation (<https://orientation.uoregon.edu/introducktion/>) website.

### Reenrollment

Admitted undergraduate students who plan to register any time during an academic year after an absence of four or more terms, not including

summer session, must notify the Office of the Registrar by filing a reenrollment form, available on the registrar's website.

Reenrollment procedures for graduate students are described in the **Division of Graduate Studies** section of this catalog.

## Summer Session

- Non-degree seeking (CEP) students planning to register for summer session should file the registration eligibility form, provided on our website (<https://registrar.uoregon.edu/non-degree-seeking/>). Non-degree seeking students who were enrolled within the prior year do not need to submit this form.
- Admitted undergraduate or graduate students may register without making any special request, subject to the normal reenrollment policies for their student level.
- Disqualified undergraduate students must file a reenrollment form if they have not enrolled during the preceding academic year.

## Transcripts

Students are required to send official transcripts to the Office of the Registrar for any academic work taken at other institutions while completing their baccalaureate degree program. A student's official UO academic record must be kept complete at all times. Exceptions are made only for special and provisional students who are formally admitted under individual arrangements, and for summer transient and community education students who are not formally admitted. Failure to file required records can result in the cancellation of admission or registration; disciplinary action may be initiated and sanctions may be imposed by the university.

## Nonrepeatable Courses

Undergraduate students may not (without prior approval by the Academic Requirements Committee) register for nonrepeatable courses in which they are currently enrolled or for which they have already earned a Pass or C or better at the UO or from a transferring institution. Students may register for a nonrepeatable course for which they have already earned a No Pass or C– or less at the UO or from a transferring institution without prior approval, but not more than three times in total. All attempts are counted toward this limit. Credits for nonrepeatable courses are awarded only one time. All graded attempts of repeated courses taken at the UO are calculated into the term and cumulative GPAs. Additional information is available on the registrar's website.

## Regression

Some courses build on one another. Regression occurs when a student takes a course that is at a lower level than a course the student has previously passed. General Limitation number 11 states *Student may not receive credit for courses that are designated by the department as regressive prerequisites for courses in which they are currently enrolled or have already received credit.*

Academic departments have the authority to designate courses as regressive. Information about the specific order in which courses must be taken and about course regression can be found on this website: <https://registrar.uoregon.edu/regression> (<https://registrar.uoregon.edu/regression/>). **Students do not earn credit for regressive courses.**

## Alternate Ways to Earn Credit

The university has established programs through which students may earn credit toward graduation and, at the same time, decrease the cost and time required for standard undergraduate study. Brief descriptions of

these programs appear below. Additional information is available from the Office of the Registrar.

## Advanced Placement

Students who receive satisfactory grades in advanced placement examinations administered by the College Board may, on admission to the university, be granted credit toward a bachelor's degree in comparable university courses. Information about credit awarded and scores required is available from the registrar's website.

## College-Level Examination Program

For some courses, departments have authorized the use of subject examinations prepared by the College-Level Examination Program (CLEP). Examinations are available, for example, in calculus, chemistry, economics, French, German, literature, Spanish, and sociology. Once a student is admitted to the university, it accepts as transfer credit the successful completion of CLEP subject examinations by students. More information is available online on the registrar's website (<http://registrar.uoregon.edu/current-students/alternative-ways-to-earn-credit/>) and at [testing.uoregon.edu](http://testing.uoregon.edu) (<http://testing.uoregon.edu>).

## Community Education Program

Individuals who want to enroll for 8 credits or fewer per term in university courses without formally applying for admission may do so through the Community Education Program. Part-time students of all ages choose from a variety of courses. More information is available at the Academic Extension office located at the Baker Downtown Center, 975 High St., Suite 110, 541-346-5614.

## Credit by Examination

Credit by examination allows formally admitted undergraduate students to challenge undergraduate university courses by successful completion of the exam. Course registration is not needed. Students seeking to receive credit by examination must be registered for the term in which the exam is given. Credit by examination may be earned only in courses whose content is identified by the title in the University of Oregon catalog. Students should first contact their department or advisor to determine the eligibility for credit by examination. Students must obtain faculty and department approvals before the exam can be scheduled. If eligible, the department approval form and instructor results form are available on the Office of the Registrar's website. Students are billed an examination fee of \$25 per credit hour..

Successful credit by examination is shown as transfer credit on the UO transcript and may be recorded as a pass (P) or graded (A, B, C, D), consistent with the options listed in the class schedule. Credit by examination may not be counted toward the satisfaction of the graduation residency requirement or for fulfillment of the requirement to complete 45 credits graded A, B, C, D at the University of Oregon. However, credit by examination may be counted toward the requirement to complete 168 credits graded A, B, C, D, P\* from all institutions attended.

The following are not available for credit by examination:

- Courses numbered 0–99; Field Studies (196); Workshop, Laboratory Projects, or Colloquium (198); Special Studies (199); courses numbered 200 or 399–410
- First-year second-language courses
- 100-level mathematics courses and MATH 211, MATH 212, MATH 213
- English composition courses (WR 121Z, WR 122Z, WR 123)

- An elementary language course taught in the student's native language
- A course for which a CLEP examination is available
- A course that substantially duplicates credit already earned
- A course that is more elementary in nature than credit already earned
- A course in which the student is already enrolled for credit
- A course for which the student has received a grade of A, B, C, D, P, P\*, I, X, or Y
- A course for which the student has already taken and failed an examination for credit

Contact the Office of the Registrar for more information.

## International Baccalaureate

Students who receive satisfactory grades in International Baccalaureate examinations may, on admission to the university, be granted credit in comparable university courses toward a bachelor's degree. Credit can be earned, for example, in art, biology, business, chemistry, Chinese, computer science, economics, English, French, German, history, geography, Japanese, Chinese, mathematics, music, physics, psychology, social and cultural anthropology, Spanish, Swedish, and theater arts. A complete list of university credit earned by International Baccalaureate examinations is available from the registrar's website.

## Military Credit

The university generally grants credit for military education experiences as recommended by the American Council on Education's *Guide to the Evaluation of Educational Experiences in the Armed Services*, and in accordance with University of Oregon policies regarding transfer credits. Students may request evaluation of credits earned through the Community College of the Air Force, Defense Language Institute, or military education. Students must submit official copies of college transcripts or a Certificate of Completion from the Defense Language Institute. An official copy of the student's DD Form 214, DD Form 295, or a Joint Services Transcript (JST) is required for military credit.

# Bachelor's Degree Requirements

To earn a University of Oregon bachelor's degree, students must satisfy the following requirements.

## University Requirements

### Credits

The bachelor of arts, bachelor of science, bachelor of education, bachelor of fine arts, bachelor of landscape architecture, bachelor of music, and bachelor of music in music education degrees require a total of 180 credits with passing grades. The bachelor of interior architecture requires a total of 225 credits, and the bachelor of architecture requires a total of 231 credits.

## Concurrent Degrees

Concurrent degrees are awarded under the following conditions:

1. The second degree may be offered by the same school or college
2. The student completes the departmental requirements for each major
3. The student completes the core education requirements (formerly the general-education requirements) for each degree

4. The student completes a minimum of 36 credits at the UO beyond those required for the degree that has the highest credit requirement
5. The student applies for the first degree on DuckWeb and submits a request to the Office of the Registrar for the second degree

Students are able to receive concurrent degrees from the same college or school when one of the majors is restricted to one degree.

## Academic Major

All bachelor's degrees must be awarded with a major. Minimum requirements are 36 credits in the major, including 24 in upper-division work. Specific requirements are listed under individual departments.

A student may be awarded a bachelor's degree with more than one major by completing the general university degree requirements for the designated majors and degree and all requirements in each major as specified by the major departments, schools, or colleges.

### Declaring a Major (First-Time, Full-Time Freshman Students)

1. Undergraduates who matriculated into the UO as first-time, full-time freshmen, should declare a major by the end of the fourth week of their sixth term of enrollment (typically spring term of the second year at Oregon)
2. Students who have not declared a major by the end of the fourth week of the sixth term of enrollment will need to see an advisor and receive a personal identification number (PIN) before they can register for the next term's classes. Advisors can either assist students in choosing a major or grant an exception and help students develop a plan to declare a major

### Declaring a Major (Transfer Students)

1. Transfer students should declare a major by the end of the fourth week of the third term of enrollment at Oregon
2. Transfer students who have not declared a major by the end of the fourth week of the third term of enrollment at the UO will need to see an advisor and receive a PIN before they can register for the next term's classes. Advisors can either assist students in choosing a major or grant an exception and help students develop a plan to declare a major

## Academic Minor

Unless specified by a particular department, a minor is not required for a bachelor's degree. Students choosing to complete a minor must earn a minimum of 24 credits, including 12 in upper-division work. Minor requirements, including residency, are listed under department headings. A minor may be awarded only at the time a bachelor's degree is conferred.

## Upper-Division Work

A minimum of 62 credits in upper-division courses (300 level or higher) are required.

## Residency

After completing 120 of the 180 required credits, 165 of the 225 required credits, or 171 of the 231 required credits, each student must complete at least 45 credits of UO courses in residence at the university.



Total Credits of A, B, C, D, P\*

Students must earn 168 transfer or University of Oregon credits with grades of A, B, C, D, or P\*. Credits earned in courses offered only pass/no pass use the P\* designation.

UO Credits of A, B, C, D

A minimum of 45 credits graded A, B, C, or D must be earned at the University of Oregon. Courses required in the major and designated in the class schedule as pass/no pass (P/N) only may be counted toward the 45-credit requirement only if the 168-credit requirement has been satisfied.

Satisfactory Work

Graduation from the university requires a minimum UO cumulative grade point average of 2.00.

Written English

Two courses (Composition I (WR 121Z) and either Composition II (WR 122Z) or College Composition III (WR 123) or equivalents) passed with grades of C– or better or P are required for all undergraduate degrees. For placement, prerequisites, or exemption, see policies in the English section of this catalog.

Requirements for Bachelor of Arts and Bachelor of Science

Students must choose to graduate with a specific degree and major (for example, bachelor of arts with a major in chemistry or bachelor of science with a major in chemistry). See degrees listed in the Undergraduate Programs (p. 41) section of this catalog.

Bachelor of Arts Requirements

The bachelor of arts (BA) degree requires proficiency in a second language. The second-language requirement may be met in one of the following ways:

- 1. Completion of at least the third term, second year of a second-language course taught in the language, with a grade of C– or better or P
- 2. Satisfactory completion of an examination administered by the appropriate language department, showing language proficiency equivalent to that attained at the end of two years of college study
- 3. For students whose native language is not English: provide a final official high school transcript to the Office of the Registrar as evidence of formal training in the native language and completion of Composition I (WR 121Z) and either Composition II (WR 122Z) or College Composition III (WR 123) with grades of C– or better or P. Students who graduate from a US high school are not eligible to receive the BA Language waiver.
- 4. Students may fulfill the UO second-language requirement by taking the all three courses in the year-long sequence in Old English (ENG 428, ENG 429, ENG 430) and by achieving a B- or higher in ENG 430. The sequence must be taken in order, since ENG 428 is a prerequisite for ENG 429, which is a prerequisite for ENG 430.

Bachelor of Science Requirements

The bachelor of science (BS) degree requires proficiency in mathematics or computer science or a combination of the two. The requirement may be satisfied in one of the following ways, depending on the student's

experience in mathematics. Courses must be completed with grades of C– or better or P.

- 1. Students with a limited background in mathematics can complete the requirement with any of the combinations of three courses listed below. Inquire with your advisor for other possible combinations.

| Code                                                 | Title                                           | Credits |
|------------------------------------------------------|-------------------------------------------------|---------|
| Option 1                                             |                                                 |         |
| Select three of the following:                       |                                                 | 12      |
| MATH 105Z                                            | Math in Society                                 |         |
| MATH 106                                             | University Mathematics II                       |         |
| MATH 107                                             | University Mathematics III                      |         |
| MATH 111Z                                            | Precalculus I: Functions                        |         |
| STAT 243Z                                            | Elementary Statistics I                         |         |
| CS 111                                               | Introduction to Web Programming                 |         |
| CS 122                                               | Introduction to Programming and Problem Solving |         |
| Option 2*                                            |                                                 |         |
| MATH 211                                             | Fundamentals of Elementary Mathematics I        | 4       |
| MATH 212                                             | Fundamentals of Elementary Mathematics II       | 4       |
| MATH 213                                             | Fundamentals of Elementary Mathematics III      | 4       |
| *Recommended for Educational Foundations majors only |                                                 |         |

- 2. Students who placed above the Precalculus I: Functions (MATH 111Z) level on the mathematics placement test may complete MATH 112Z or MATH 241 and one of the following:

| Code      | Title                                           | Credits |
|-----------|-------------------------------------------------|---------|
| MATH 105Z | Math in Society                                 | 4       |
| MATH 106  | University Mathematics II                       | 4       |
| MATH 107  | University Mathematics III                      | 4       |
| STAT 243Z | Elementary Statistics I                         | 4       |
| CS 111    | Introduction to Web Programming                 | 4       |
| CS 122    | Introduction to Programming and Problem Solving | 4       |

\*A student can satisfy this requirement by taking both MATH 112Z and MATH 241.

- 3. Students who have Precalculus I: Functions (MATH 111Z) skills and an additional prerequisite course or appropriate skills may complete the requirement with one course chosen from the following:

| Code     | Title                                       | Credits |
|----------|---------------------------------------------|---------|
| MATH 231 | Elements of Discrete Mathematics I          | 4       |
| MATH 242 | Calculus for Business and Social Science II | 4       |
| MATH 246 | Calculus for the Biological Sciences I      | 4       |
| MATH 251 | Calculus I                                  | 4       |
| MATH 261 | Calculus with Theory I                      | 4       |
| MATH 281 | Several-Variable Calculus I                 | 4       |
| CS 210   | Computer Science I                          | 4       |

Areas of Inquiry Requirements

To promote educational breadth, bachelor's degree candidates are required to complete work in each of three areas representing

comprehensive fields of knowledge: arts and letters, social science, and science. Approved area-satisfying courses must be at least 3 credits each.

*The current list of area-satisfying courses are listed in the Core Education Courses (p. 45) section of this catalog.*

## "Double-Dipping" Restriction

Students may not use courses that fulfill the second-language requirement for the bachelor of arts degree to fulfill the arts and letters area requirement. Courses used to demonstrate proficiency in mathematics or in computer science or in a combination of the two for the bachelor of science degree may not also be used to fulfill the science area requirement.

## Areas of Inquiry Requirements for Specific Degrees

1. **Bachelor of Arts or Science.** Students must complete a minimum of 45 credits—15 of those credits in approved area-satisfying courses in each of three general-education areas: arts and letters, social science, and science. Each area must include coursework in two different subject codes. No more than three courses with the same subject code may be used to fulfill the 45-credit requirement. *MUS and MUJ are considered as one subject code; MATH and STAT are considered as one subject code.*
2. **Bachelor of Architecture, Education, Fine Arts, Interior Architecture, Landscape Architecture, Music, or Music in Music Education.** Students must complete a minimum of 36 credits—12 of those credits in approved area-satisfying courses in each of three general-education areas: arts and letters, social science, and science. Each area must include coursework in two different subject codes. No more than three courses with the same subject code may be used to fulfill the total 36-credit requirement. *MUS and MUJ are considered as one subject code; MATH and STAT are considered as one subject code.*

## Substituting a Minor or Second Major

Some minors or second majors may be used to satisfy part of one area requirement. Students should consult their advisors or the Office of the Registrar for more information.

## Cultural Literacy Requirements

### United States: Difference, Inequality and Agency

These courses develop students' analytical and reflective capacities to help them understand and ethically engage with the ongoing (cultural, economic, political, social, etc.) power imbalances that have shaped and continue to shape the United States. In addition to considering the scholarship, cultural production, perspectives, and voices from members of historically marginalized communities, students in DIA courses:

- Inquire into intersecting aspects of identity such as race, gender, gender identity, sexuality, socioeconomic status, indigeneity, national origin, religion, or ability;
- Analyze uses of power to marginalize on the basis of identity, as well as the assertions of agency, resistance, and resilience by marginalized groups; and
- Examine historical and contemporary structures, forms of knowledge, cultural practices, or ideologies that perpetuate or change the distribution of power in society.

and undertake one or more of the following:

- Reflect on one's own multiple social identifications and on how they are formed and located in relation to power.
- Practice respectful listening and ethical dialogue around deeply felt or controversial issues.

## Global Perspectives

These courses foster a student's encounter with and critical reflection upon cultures, identities, and ways of being in global contexts beyond the United States. Students will consider substantial scholarship, cultural production, perspectives, and voices from members of communities under study, as sources permit. Global Perspectives courses, students will do one or more of the following:

- Engage texts, literature, art, testimonies, practices, or other cultural products that reflect systems of meaning or beliefs beyond the U.S. context;
- Analyze power relations involving different nations, peoples, and identity groups or world regions;
- Examine hierarchy, marginality, or discrimination based on race, ethnicity, gender, gender identity, religion, sexuality, nationality, or ability (or some combination of these).

and undertake one or more of the following:

- Discuss possibly unfamiliar topics using critical vocabulary and concepts.
- Practice respectful listening and civil dialogue around controversial issues.

Study-abroad programs that are ten weeks or longer automatically satisfy this requirement. Programs between five and nine weeks in duration may qualify if specific criteria are met. Contact Global Education Oregon (<http://geo.uoregon.edu/>) for further information.

Bachelor's degree candidates must complete one course in each of the two categories listed above; a minimum of 6 credits in approved courses must be earned.

*The current list of courses that satisfy these requirements are listed in the Core Education Courses (p. 45) section of this catalog.*

## General Limitations

1. A total maximum of 124 credits may be transferred from domestic, regionally accredited junior or community colleges and from international junior or technical colleges. Of the total maximum of 124 credits, only 90 credits may be transferred from an international junior or technical college.
2. A maximum of 48 credits in law, medicine, pharmacy, chiropractic medicine, dentistry, technology, or any combination may be used toward fulfilling total credit hours for the BA or BS degree.
3. A maximum of 24 credits may be used toward fulfilling total credits in the following areas with not more than 12 credits in any one area:
  - a. Lower-division professional-technical courses;
  - b. Physical education activity, military science activity (e.g., MIL 131 and 331), and dance activity (DANC) courses, except for dance activity courses for majors in dance;
  - c. Music lessons (in subject MUP), except for majors in music;



- d. Applied and/or experiential courses, academic support skills courses, nonacademic field experience courses, or career and professional development courses.
4. For music majors, a maximum of 24 credits in music lessons (in subject code MUP), may count toward requirements for the BA or BS degree.
5. For dance majors, a maximum of 36 credits of DANC may count toward requirements for the BA or BS degree.
6. University of Oregon academic records are sealed thirty days after the official conferral date of a degree. After this date, changes to majors and minors, addition of departmental honors, removal of incompletes, grade changes, or other changes to an academic record cannot be made.
7. When the University awards credits for Advanced Placement Program (AP), International Baccalaureate Program (IB), Cambridge Examination Program, the College-Level Examination Program (CLEP), and credit by examination (course challenge), these credits are counted toward the satisfaction of bachelor's degree requirements—except residency and the 45 UO credits graded A,B,C,D. When the university grants credit for AP, IB, Cambridge, and CLEP examinations, pass (P\*) credit is granted.
8. For limitations related to repeated courses please refer to *UO Policy on Repeatable and Non-repeatable Undergraduate Courses*.
9. Students may not receive credit for any course assessed as having substantially similar content as a course for which they have already received credit.
10. Students may not receive credit for courses beneath their assessed competency level. Competency level can be assessed by various means such as placement scores, faculty/departmental assessment, etc.
11. Student may not receive credit for courses that are designated by the department as regressive prerequisites for courses in which they are currently enrolled or have already received credit.
12. Students must have degree-seeking status in order to earn an undergraduate major, minor or certificate; undergraduate majors, minors and certificates must be completed at the time the degree is awarded.

## Second Bachelor's Degree

A student who has been awarded a bachelor's degree from an accredited institution may earn an additional bachelor's degree at the University of Oregon. The student must satisfactorily complete all departmental, school, or college requirements for the second degree. Of these requirements, the following must be completed after the prior degree has been awarded:

1. The student must complete an additional 36 credits at the university as a formally admitted student if the prior bachelor's degree was awarded by the University of Oregon, or an additional 45 credits at the university if the prior bachelor's degree was awarded by another institution
2. A minimum cumulative UO GPA of 2.00 in courses taken for the second bachelor's degree is required for the second bachelor's degree
3. A minimum of 18 credits must be graded A, B, C, D if the prior bachelor's degree was earned at the University of Oregon, or 23 credits if at another institution

4. At least 27 credits from coursework within the major must be completed after the conferral of the most recent bachelor's degree
5. The bachelor of Arts degree requires proficiency in a second language. Students whose native language is not English may satisfy this requirement by providing a final official high school transcript to the Office of the Registrar as evidence of formal training in the native language and satisfactorily completing Composition I (WR 121Z) and either Composition II (WR 122Z) or College Composition III (WR 123). The bachelor of science degree requires proficiency in mathematics and/or computer science

## Bachelor's Degree with Honors

Information about Latin honors and academic honors is listed in the **Academic Honors** section of this catalog. Fellowship and scholarship information is in the Student Financial Aid and Scholarships (p. 31) and departmental sections of this catalog.

## Oregon Transfer Module

The Oregon Transfer Module (OTM) provides a one-year curriculum for students who plan to transfer to a state of Oregon community college or another Oregon public university. The module allows students to complete one year of general-education foundation coursework that is academically sound and readily transferable within Oregon. Although the OTM is not a certificate or degree, it documents that students have met a subset of common general-education requirements at all Oregon two- and four-year public institutions of higher education.

Any student holding an Oregon Transfer Module that conforms to the guidelines will have met the requirements for the Transfer Module at any Oregon community college or Oregon public university. Upon transfer, the receiving institution may specify additional coursework that is required for a major, degree requirement, or to make up the difference between the Transfer Module and the institution's total general-education requirements.

## Transferring to the University of Oregon with an OTM

Students transferring to the University of Oregon with an OTM from another institution will have completed 45 credits of the university's core-education requirements.

## Earning an OTM at the University of Oregon

To receive an OTM at the University of Oregon, students must complete a minimum of 45 credits—12 in residence at the UO—in foundational skills (writing, oral communication, and mathematics) and introduction to the disciplines (arts and letters, social sciences, and sciences). All courses must be completed with a grade of C– or better and students must have a minimum cumulative GPA of 2.00 at the time the OTM is posted on the transcript.

## Application for an Undergraduate Degree

Undergraduates who plan to receive a bachelor's degree from the University of Oregon must submit an application through DuckWeb, the university's online information system, by the fourth Sunday of the anticipated term of graduation.

The Office of the Registrar encourages students to apply to graduate the term preceding their graduation term. This allows students to plan

or change their final term's course schedule to ensure completion of all requirements.

Students who have been academically disqualified must petition for reinstatement to the Scholastic Review Committee to graduate. Students who are out of status due to suspension or expulsion cannot be awarded a degree until they are officially back in status with the university.

All grade changes, removals of incompletes, UO study abroad course work, and transfer work necessary for completion of degree requirements must be on file in the Office of the Registrar by the Friday following the end of the term of graduation. Academic records are sealed thirty days after the conferral of a degree; no changes to the record will be made following that date.

Students who do not apply to graduate will not receive retroactive degrees even if degree requirements were completed at an earlier date.

Applications for graduate degrees are available from the Division of Graduate Studies.

## Academic Honors

### Departmental Honors

Many departments at the University of Oregon offer a bachelor's degree with honors in the academic major. Students may graduate with honors in the following majors:

### College of Arts and Sciences

Anthropology; Asian Studies; Biochemistry; Biology; Chemistry; Chinese; Cinema Studies; Classics; Comparative Literature; Computer Science; Earth Sciences; Economics; English; Environmental Science; Environmental Studies; Ethnic Studies; French; General Social Science; Geography; German; Global Studies; History; Humanities; Human Physiology; Italian; Japanese; Judaic Studies; Linguistics; Marine Biology; Mathematics; Medieval Studies; Multidisciplinary Science; Neuroscience; Philosophy; Physics; Political Science; Psychology; Religious Studies; Romance Languages; Russian, East European, and Eurasian Studies; Sociology; Spanish; Spatial Data Science and Technology; Theater Arts; Women's, Gender, and Sexuality Studies.

### Charles H. Lundquist College of Business

Accounting; Business Administration.

### College of Design

Art History; Planning, Public Policy and Management.

### School of Journalism and Communication

Journalism: Advertising; Journalism: Media studies; Journalism: Public Relations.

Specific requirements of departmental honors programs are listed in the departmental sections in this catalog.

## Honors Lists

### Dean's List

The Dean's List is announced after each fall, winter, and spring term. To qualify, a student must be an admitted undergraduate, complete at least 12 credits taken for a letter grade during the term, and have a term GPA of 3.75 or better. Credits deducted do not count toward the minimum number of credits. Grade changes recorded through the second week of

the subsequent term resulting in a change to the term GPA may affect the Dean's List notation (removal or addition).

## Junior Scholars

The 100 undergraduates with 90 to 134 credits, the last 45 taken at the UO, and the highest GPAs are named junior scholars by the Mortar Board senior honor society during winter term.

## Latin Honors

Graduating seniors who have earned at least 90 credits in residence at the University of Oregon and have successfully completed all other university degree requirements are eligible for graduation with Latin honors. These distinctions are based on students' cumulative GPA levels for each academic year, determined by rounding the previous five-year running average to the first decimal point. Post-baccalaureate students are not eligible for Latin honors. The Office of the Registrar computes Latin honors upon graduation.

## Tuition and Fees

**Kelly Wolf, Associate Vice President Business Affairs and Controller**

541-346-3170

Thompson's University Center

## Tuition

Tuition and fees for admitted students are based on residency, student classification (undergraduate, graduate, etc.), major, the number of credits enrolled, and the first term enrolled, with exceptions for students enrolled in joint baccalaureate/graduate programs where tuition is assessed by course level rather than student level.

As of summer 2020, the University of Oregon will transition from a standard undergraduate tuition and fee structure to a Guaranteed Tuition Program under which students will know the cost of their education for at least 5 years. Both tuition and mandatory enrollment fees (other than the Incidental Fee) will be included in the guaranteed structure. The Guaranteed Tuition Program (<https://financialaid.uoregon.edu/oregon-guarantee/>) is mandatory.

The tuition and fee schedule can be found on the Office of the Registrar website (<https://registrar.uoregon.edu/costs/tuition-fees/>).

In the schedule, tuition is specified for one term only. There are three terms in the academic year: fall, winter, and spring (except for the School of Law, which operates on a two-semester system). Summer session operates on a separate tuition schedule that includes course self-support fees.

The University of Oregon reserves the right to make changes in the tuition schedule.

## Mandatory Enrollment Fees

### Building, Health Service, Recreation Center, Student Union, Technology, and Incidental

Students enrolled at the Eugene campus are required to pay all mandatory fees. Students enrolled at the Portland or Charleston campuses, or at an off-campus site, do not pay Recreation Center or EMU fees, and they pay 50% of the Incidental Fee. Students in Portland are required to pay Portland State University's Health Service Fee and students at the Charleston campus pay UO's Health Services Fee. Students at an off-campus site do not pay the Health Services Fee. For

the purpose of assessing fees, student enrolled in only online courses pay the Off-Campus set of fees.

The tuition and fee schedule along with fee descriptions can be found on the Office of the Registrar website (<https://registrar.uoregon.edu/costs/tuition-fees/>).

## Matriculation Fee

This is a one-time fee required by all admitted students and appears on your bill at the beginning of your first term at the UO.

## Course Fees

Certain courses have additional fees which may include lab fees, field trip fees, and material fees. Refer to the Schedule of Classes (<http://classes.uoregon.edu/>) for individual course related fees.

## Tuition Billing

Tuition may be paid in monthly installments. Unpaid balances are assessed a \$6 billing fee and are charged 9 percent annual interest. The university uses an electronic billing process to bill student for charges incurred; payments are due on the first of each month.

## Special Tuition Rates

### Non-degree/Community Education Program

Tuition for non-degree seeking students is determined by residency, course level, and the number of credits enrolled. Non-degree seeking undergraduate students are assessed tuition and administrative mandatory fees at the most recent tuition cohort rate.

### Senior Citizens Auditing a Course

Oregon senior citizens who are neither seeking academic credit nor working toward a degree may attend classes as senior auditors if space is available on the first day of classes and if the department approves, at no cost. Charges may apply for special course materials. Senior citizens who want to audit a self-support course must pay self-support tuition and fees for the course. Incidental fee services are not provided. Registration is handled through the Office of the Registrar, second floor, Oregon Hall.

## Employees and Dependents

Staff tuition provisions are included in the employee benefit program to encourage and assist eligible employees with educational pursuits. Eligible employees may transfer this benefit to a qualified family member each term. For more information see the Human Resources website (<https://hr.uoregon.edu/staff-tuition-benefit/>).

## Special Fees

Special fees, fines, penalties, service charges, and other additional charges for specific courses, services, or supplies not covered in the tuition fee are set forth on the website (<https://brp.uoregon.edu/content/fee-guidelines/>).

| Type of Fee              | Fee Amount      | Information                                                                       |
|--------------------------|-----------------|-----------------------------------------------------------------------------------|
| Credit by Examination    | \$25 per credit | Assessed for taking an examination to challenge undergraduate university courses. |
| Exceptions to Procedures | \$1–\$50        | Approved exceptions to registration deadlines are subject to this fee.            |

Late Registration \$100

A \$100 fee is charged for registration after the eighth day of class.

|             |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Testing     | \$3–\$50                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Transcripts | \$15, other costs may apply | Instructions and delivery options are available at <a href="https://registrar.uoregon.edu/transcripts">https://registrar.uoregon.edu/transcripts</a> ( <a href="https://registrar.uoregon.edu/transcripts/">https://registrar.uoregon.edu/transcripts/</a> ). The university reserves the right to withhold transcripts of students who have unpaid financial obligations to the institution. Debtors contesting their accounts should contact the collections department for counseling and instructions for a written appeal. The collections department is located in the Office of Business Affairs in the Thompson University Center. The mailing address is Collections Department, Office of Business Affairs, PO Box 3237, University of Oregon, Eugene, Oregon 97403-0237; call 541-346-3215 |

## Tuition and Fee Refunds

In the event of complete withdrawal from the university or a reduction in course load, refunds may be granted to students in accordance with the refund schedule (<https://registrar.uoregon.edu/calendars/refund-schedules/>).

1. Refunds are calculated from the date the student officially withdraws from the university, not from the date the student ceased attending classes, except in unusual cases when formal withdrawal has been delayed through causes largely beyond the student's control
2. No refunds are made for any amount less than \$1.00 unless a written request is made
3. In case of complete withdrawal, students who received financial aid are responsible for repayment of that aid in accordance with the university's financial aid repayment policy and schedule. See the class schedule for details

For complete withdrawal see instructions on the Office of the Registrar website (<https://registrar.uoregon.edu/current-students/duckweb/complete-withdrawal/>). For questions concerning complete withdrawal please contact the Office of Academic Advising (<https://advising.uoregon.edu/>).

The university has an appeal process for students or parents contending that individual circumstances warrant exceptions to published policy if circumstances of withdrawal or course-load reduction are beyond the student's control. Petitions for exception to the refund policy may be obtained from the Office of the Registrar (<https://registrar.uoregon.edu/forms/>) or from the Office of Academic Advising (<https://advising.uoregon.edu/questions-about-petitions/>).

## Veterans Access, Choice, and Accountability Act of 2014

## Veterans Health Care and Benefits Improvement Act of 2016

## Department of Veterans Affairs Expiring Authorities Act of 2018

## Isakson and Roe Veterans Health Care and Benefits Improvement Act of 2020

## Colonel John M. McHugh Tuition Fairness for Survivors Act of 2021

The following individuals shall be charged the in-state rate, or otherwise considered a resident, for tuition and fees purposes:

- A veteran using educational assistance under either Chapter 30 (Montgomery GI Bill®—Active Duty Program) or Chapter 33 (Post-9/11 GI Bill®), of Title 38, United States Code, who lives in the state of Oregon while attending the University of Oregon (regardless of his or her formal state of residence).
- Anyone using transferred post-9/11 GI Bill® benefits (38 U.S.C. § 3319) who lives in the state of Oregon while attending the University of Oregon (regardless of his or her formal state of residence).
- Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship [38 U.S.C. § 3311(b)(9)] who lives in the state of Oregon while attending the University of Oregon (regardless of his or her formal state of residence).
- Anyone using educational assistance under Chapter 31, Veteran Readiness and Employment, who lives in the state of Oregon while attending the University of Oregon (regardless of his or her formal state of residence).
- Anyone using educational assistance under Chapter 35, Dependents Educational Assistance, who lives in the state of Oregon while attending the University of Oregon (regardless of his or her formal state of residence).
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the University of Oregon.

GI Bill® is a registered trademark of the US Department of Veterans Affairs. More information about education benefits offered by the department is available at the official US government website (<https://www.benefits.va.gov/gibill/>).

## Student Financial Aid and Scholarships

### Jim Brooks, Director

541-346-3221  
541-346-1175 fax  
260 Oregon Hall  
1278 University of Oregon  
Eugene OR 97403-3221  
[financialaid@uoregon.edu](mailto:financialaid@uoregon.edu)

Financial aid in the form of scholarships, grants, loans, and employment is available to eligible students who need assistance to attend school. The Office of Student Financial Aid and Scholarships provides counseling and information services to students and parents and administers a comprehensive program of financial assistance. Office hours are

8:00am–5:00 pm, Monday, Tuesday, Thursday, and Friday, and 9:00 a.m.–5:00 pm on Wednesday. Drop-in counselors are available Monday through Friday, 9:00 am–11:45am and 1pm–3:45pm. Phone hours are also Monday through Friday, 9:00 am–11:45am and 1pm–3:45pm.

Federal and state regulations are subject to change and may affect current policies, procedures, and programs.

## Estimated Student Expenses

The following information is provided to help students estimate the total cost of attending the University of Oregon.

Budgets established for financial aid purposes are based on average expenses. Some students have higher costs in a few categories. For example, students in various academic departments may have additional expenses for equipment, supplies, and field trips in addition to books. Students living alone in an apartment or in university housing may spend more than the budgeted amount for meals and housing, based on personal choice.

Residence hall room and board rates for 2023–24 range from \$9,840 to \$25,004. Cooperative housing costs are generally less than the minimum residence hall rate. Sorority and fraternity costs are typically higher.

Although the university does not require proof of health insurance for domestic students, the provisions of the Affordable Care Act may apply. International students are required to purchase health insurance. For more information about health services and coverage, please visit the University Health Services website. (<https://health.uoregon.edu/>)

Personal expenses are governed by individual preference but may include such items as transportation, health care, apparel, and entertainment.

The figures in the following table are the 2023-24 tuition and fees for an incoming undergraduate student enrolled in 15 credits and a graduate student enrolled in 9 credits. Due to Guaranteed Tuition (<https://financialaid.uoregon.edu/oregon-guarantee/>), rates and charges may vary by each individual student's cohort year. UO charges by the credit hour. To view tuition and fees by residency and credit hour, please see the **Tuition and Fees** section of this catalog.

### Tuition and Fees

| Student Classification                                                  | One Term or Semester | Three Terms or Semesters |
|-------------------------------------------------------------------------|----------------------|--------------------------|
| Undergraduate resident                                                  | \$5,223              | \$15,669                 |
| Undergraduate nonresident                                               | \$14,434             | \$43,302                 |
| Graduate tuition varies by program. A base tuition would be as follows: |                      |                          |
| Graduate resident                                                       | \$6,412              | \$19,236                 |
| Graduate nonresident                                                    | \$10,903             | \$32,709                 |
| Law resident (semester)                                                 | \$23,132             | \$46,264                 |
| Law nonresident (semester)                                              | \$28,793             | \$57,586                 |



The Office of Student Financial Aid and Scholarships used the expenses in the following tables to estimate a student's educational costs for the 2023-24 academic year.

Housing and Food

|                                         | One Term | Three Terms |
|-----------------------------------------|----------|-------------|
| Student commuter living with parents    | \$1,260  | \$3,780     |
| Undergraduate student living off campus | \$4,126  | \$12,378    |
| Undergraduate student living on campus  | \$5,280  | \$15,840    |
| Graduates                               | \$5,118  | \$15,354    |
| Law (semester)                          | \$7,677  | \$15,354    |

A dependent child-care allowance may be added to the budget for each child less than 12 years of age who is living with a student and for whom the student is paying child-care expenses.

Books, Supplies and Equipment

|                              | One Term | Three Terms |
|------------------------------|----------|-------------|
| Graduates and undergraduates | \$440    | \$1,320     |
| Law (semester)               | \$660    | \$1,320     |

Transportation

|                                       | One Term | Three Terms |
|---------------------------------------|----------|-------------|
| Resident undergraduate or graduate    | \$144    | \$432       |
| Nonresident undergraduate or graduate | \$460    | \$1,380     |
| Law resident (semester)               | \$216    | \$432       |
| Law nonresident (semester)            | \$690    | \$1,380     |

Miscellaneous Personal Expenses

|                | One Term | Three Terms |
|----------------|----------|-------------|
| Undergraduates | \$820    | \$2,460     |
| Graduates      | \$820    | \$2,460     |
| Law (semester) | \$1,230  | \$2,460     |

Applying for Financial Aid

Undergraduate, graduate, and law students use the following procedure to apply for financial aid:

1. Complete the Free Application for Federal Student Aid (FAFSA) online. The official website is <https://studentaid.gov/h/apply-for-aid/fafsa> (<https://studentaid.gov/h/apply-for-aid/fafsa/>)
2. List the University of Oregon (using code number 003223) on the FAFSA application as a school to receive the application information
3. Apply for admission to the University of Oregon

Deadlines

To be given priority consideration for the Federal Supplemental Educational Opportunity Grant, Federal Work-Study Program, and tuition waivers for all or part of any given academic year, a valid FAFSA must be received by the federal processor on or before March 1 prior to the academic year for which the student is applying. To meet this deadline, submit the FAFSA no later than February 15. The FAFSA is available on October 1 prior to the academic year for which the student is applying. Signing the FAFSA electronically is the recommended method for submission. If applicable, online applicants should mail the FAFSA signature page, obtained from the FAFSA website, in early February to meet the priority deadline.

Eligibility

Financial aid eligibility for any student is determined by the difference between the estimated cost of education at the University of Oregon and the expected family contribution (as determined by the FAFSA) from the student's family, the student and parents if the student is a dependent, or the student and spouse if the student is married. Students (and their families if appropriate) are expected to bear the primary responsibility for meeting educational costs. When a student's expected family contribution is less than the cost of education, the university attempts to meet the difference with need-based financial aid first, then attempts to fill the remaining difference with non-need based loans.

Assessing Financial Aid Eligibility

The university uses a method prescribed by law to determine an expected contribution from the student and family toward the cost of the student's education. The expected family contribution, derived from using the federal formula, is based on income and asset information as well as certain variables such as family size and number of family members attending college. This system ensures that students receive consistent and equitable treatment. Financial aid counselors review unique circumstances on a case-by-case basis, at the request of the student.

Satisfactory Academic Progress

To be eligible for financial aid, students must make satisfactory academic progress toward their degrees, maintain a minimum cumulative grade point average (GPA) and acceptable pace of completion, and graduate within the maximum time frame. Progress is reviewed annually at the end of spring term.

The minimum cumulative GPA needed to meet satisfactory academic progress is 2.00 for an undergraduate and 3.00 for a graduate student (except for law students seeking a JD or LLM degree, who require a 2.00 GPA). For more information on how your cumulative UO GPA is calculated, including how incompletes, withdrawals, or repetitions may affect your GPA, please visit the [GPA calculator \(https://registrar.uoregon.edu/current-students/grading-system/#calculating-a-grade-point-average\)](https://registrar.uoregon.edu/current-students/grading-system/#calculating-a-grade-point-average). If a student's cumulative GPA drops below the required minimum at the time of the evaluation, eligibility for financial aid will be suspended unless the student appeals and is approved for reinstatement. Students may also reestablish eligibility for the subsequent term after raising their GPA to the minimum requirement.

Pace of completion toward a degree is a further requirement, determined by dividing the number of credits attempted by the number of credits earned. Students are expected to earn credit for at least 67 percent of the credits attempted on an aggregate basis. Credit is earned for grades



A, B, C, D, and P. Credit is not earned for grades of F, W, I, Y, N, and X. A [pace calculator](https://financialaid.uoregon.edu/pace_calculator/) ([https://financialaid.uoregon.edu/pace\\_calculator/](https://financialaid.uoregon.edu/pace_calculator/)) is located online.

Students must also complete their degrees within a maximum time frame. A student must graduate before accumulating 150 percent of the attempted credits required for completing his or her major. Most majors at the University of Oregon require 180 credits; 270 would be 150 percent of that. If a student is unable to fulfill the requirements for his or her degree before reaching this maximum time frame or the financial aid office determines that it is mathematically impossible to graduate within the maximum time frame, financial aid will be suspended.

Visit the Office of Student Financial Aid and Scholarship [website](http://financialaid.uoregon.edu/satisfactory_academic_progress/) ([http://financialaid.uoregon.edu/satisfactory\\_academic\\_progress/](http://financialaid.uoregon.edu/satisfactory_academic_progress/)) for information on the appeals process.

Completely withdrawing from (or not passing any) courses during a student's first term at the University of Oregon, or during any two consecutive terms, constitutes failure to meet satisfactory academic progress standards regardless of GPA, pace, or time frame.

For additional information, visit the Office of Student Financial Aid and Scholarship [website](http://financialaid.uoregon.edu/satisfactory_academic_progress/) ([http://financialaid.uoregon.edu/satisfactory\\_academic\\_progress/](http://financialaid.uoregon.edu/satisfactory_academic_progress/)).

## Financial Aid Packages

Students will receive notification of their offer after their financial aid eligibility has been established. The Office of Student Financial Aid and Scholarships attempts to offer financial aid to students up to their estimated cost of education, which could include scholarship and grant money, work-study, and loan eligibility.

A student may not receive assistance from any financial aid (Title IV) program if:

1. The student is in default on any educational (Title IV) loan
2. The student has borrowed in excess of federal (Title IV) loan limits
3. The student owes a refund on federal or state grants or a Federal Perkins Loan due to an overpayment

A parent may not borrow from the Federal Direct Parent Loan for Undergraduate Students (Parent PLUS) if the parent or student is in default on any educational loan or owes a refund on an educational grant as described above.

There may be other conditions when a student would be ineligible for financial aid—for example, when a student is not maintaining satisfactory academic progress or when not enrolled in an eligible program.

## Undergraduates

Federal Pell Grants, Oregon Opportunity Grants, and university scholarships are considered to be part of the student's financial aid package, even though the Office of Student Financial Aid and Scholarships may not determine eligibility for these programs.

The office determines the student's eligibility for and the amount of assistance from the Federal Supplemental Educational Opportunity Grant and the Federal Work-Study Program.

Financial aid offers are made in accordance with federal and state regulations, as well as university policies. Some offers are tentative if

selected for verification and may be revised after verification has been completed.

## Graduate and Law Students

The Office of Student Financial Aid and Scholarships determines eligibility and the amount of assistance that may be received from the Federal Work-Study Program, Federal Direct Unsubsidized Loan, and Federal Direct Graduate PLUS Loan. Offers are made in accordance with federal regulations and university policies.

## Refunds and Repayment

Students who withdraw from school may be required to repay all, or a portion of, their financial aid. According to a formula prescribed by federal and state regulations, any refundable amount used to pay tuition and fees or for university housing is returned to the appropriate financial aid sources. Students may also be required to pay the unearned portion of assistance that was directly disbursed to them.

Additional information concerning the institution's refund policy may be found on the website for the Office of the Registrar. (<https://registrar.uoregon.edu/calendars/refund-schedules/>)

Additional information concerning return of financial aid ([http://financialaid.uoregon.edu/return\\_of\\_financial\\_aid/](http://financialaid.uoregon.edu/return_of_financial_aid/)) and participation requirements (<http://financialaid.uoregon.edu/participation/>) may be found on the website for the Office of Student Financial Aid and Scholarships.

## Notification of Financial Aid

Beginning in March, financial aid offers are mailed to first-year students who have supplied the necessary information to the Office of Student Financial Aid and Scholarships and the Office of Admissions. Financial aid offers are then mailed on a continuing basis to those entering students who supply the necessary information to the offices after the March 1 priority deadline.

When aid is accepted, the student (and spouse if married) and the student's parents (if applicable) may be asked to provide documents, such as federal income tax returns (IRS Form 1040), to verify the information on the application.

Students should read the financial aid offer and instructions carefully.

An explanation of revision and appeal policies and procedures may be found on the financial aid website. A financial aid package may be revised when a student's eligibility changes. The student receives a revised notification and, if necessary, is advised of any repayment of aid. The federal regulations covering financial aid programs, the explanation of the federal method of determining student and family contributions, and the university policies and procedures for offering financial aid are available in the Office of Student Financial Aid and Scholarships. Students are welcome to review them during office hours or on the financial aid website.

## Financial Aid Programs

To be eligible for certain financial aid programs that depend on federal or state funding, the student must be a citizen of the United States or in the United States for other than a temporary purpose and with the intention of becoming a permanent resident. Students who are citizens of the Freely Associated States (the Republic of the Marshall Islands, the Federated

States of Micronesia, or the Republic of Palau) may be eligible for certain types of federal (Title IV) aid.

Financial aid is typically disbursed to students near the beginning of a term based on their enrollment at that time. However, financial aid is actually earned over the course of a term. Therefore, if a student completes a term at a different enrollment status than he or she began the term, some or all of the student's financial aid may need to be returned.

## Federal Pell Grant

This program provides grants (funds that do not require repayment, provided you meet the terms of the award) to eligible undergraduates who do not have a bachelor's degree.

To be eligible for a Federal Pell Grant, a student must be admitted to the university in a program leading to a degree and enrolled in good standing. The amount of Federal Pell Grant funds a student may receive over their lifetime is limited to the equivalent of six years of Pell Grant funding.

The grant is reduced proportionately if the student is enrolled less than full time (12 credits a term).

The Free Application for Federal Student Aid (FAFSA) determines eligibility based on the student's and parents' income and assets, or the student's and spouse's, if applicable. The university disburses the money.

## Federal Supplemental Educational Opportunity Grant (FSEOG)

Federal supplemental grants, which do not need to be repaid, provided you meet the terms of the award, are for undergraduates with exceptional need. To be eligible, a student must be admitted to the university in a program leading to a degree and enrolled in good standing. The amount a student receives is determined by university policy and fund availability.

Funds are granted to the university by the federal government to award to eligible students.

## Iraq and Afghanistan Service Grants

The Iraq and Afghanistan Service Grant is a federal grant that, although it does not need to be repaid, provided you meet the terms of the award, has special eligibility criteria. This grant is for undergraduates who

- are not eligible for the Federal Pell Grant on the basis of their expected family contribution but meet the remaining Federal Pell Grant eligibility requirements
- have a parent or guardian who was a member of the US armed forces and died as a result of military service performed in Iraq or Afghanistan after the events of September 11, 2001
- were under 24 years old or enrolled in college at least part-time at the time of their parent's or guardian's death

## State of Oregon Opportunity Grants

Oregon Opportunity Grants are awarded to eligible undergraduate Oregon residents who complete the FAFSA or the Oregon Student Aid Application (ORSAA).

A grant may be renewed for a total of 12 terms if the student applies each year, demonstrates financial need, is enrolled at least half time (6 credits a term) in a program leading to a degree, and has not completed a bachelor's degree. In addition, the State of Oregon Office of Student

Access and Completion (OSAC) may require that a student receive the Oregon Opportunity Grant during the fall term in order to have any eligibility for the remainder of the year.

OSAC determines eligibility and notifies the university. The funds are provided by the state and disbursed by the university.

## University of Oregon Tuition Waiver (Grant)

The UO Tuition Waiver may remit (reduce) a portion of a full-time Oregon resident's tuition charges, for undergraduates who demonstrate financial need and complete their FAFSA application by the published priority deadline. Funding is limited and the amount a student receives is determined by university policy and fund availability.

## Teacher Education Assistance for College and Higher Education Grant (TEACH)

The TEACH program provides up to \$4,000 a year to students enrolled in an eligible education program and who agree to teach in a high-need field at a low-income school for at least four years within eight years of completing the program for which the grant was awarded. If these requirements are not met, the grant converts to a loan, interest is assessed retroactively, and the loan must be repaid.

## Federal Work-Study Program

The Federal Work-Study Program allows students with financial need the opportunity to pursue a part-time job. Work-study students must be in good academic standing in an eligible program leading to a degree or certificate.

The amount of work-study a student may earn is determined by university policy and fund availability. Students earn an hourly wage based on the type of work, their skills, and their experience. Students may work a maximum of 25 hours a week while school is in session. Monthly timesheets are completed with the employer and pay is generated at the end of each month.

Students earn work-study funds by working on-campus or off-campus at approved governmental or non-profit agencies that perform services in the public interest. Information on available job opportunities and assistance locating a position can be found at the University Career Center website (<https://career.uoregon.edu/>).

## William D. Ford Federal Direct Student Loan Program

### Federal Direct Subsidized Loan

Students must demonstrate need to qualify for a Federal Direct Subsidized Loan. The university determines the amount the student may borrow within federal limits: \$3,500 for the first academic year of undergraduate study (up to 44 credits); \$4,500 for the second academic year (45–89 credits); and \$5,500 an academic year for the remaining years of undergraduate study. Not all students are eligible for the maximums. The Federal Direct Subsidized Loan is for undergraduate students with financial need. The US Department of Education pays the interest on (subsidizes) a Direct Subsidized Loan while the student is enrolled, during a student's grace period, and during a period of deferment.

Student borrowers must be enrolled at least half-time, in good academic standing and have been accepted for admission to an eligible program leading to a degree or certificate. Once repayment begins, borrowers are charged a fixed interest rate. The fixed interest rate is set every July

1. For loans first disbursed on or after July 1, 2022 and before July 1, 2023, the interest rate is fixed at 4.99%. For loans first disbursed on or after July 1, 2023 and before July 1, 2024, the interest rate is fixed at 5.49%. There is an origination fee of 1.057% for loans first disbursed on or after October 1, 2020 and before October 1, 2023.

### Federal Direct Unsubsidized Loan

Direct Unsubsidized Loans are available to students who do not qualify, in whole or in part, for the Direct Subsidized Loan. The university determines the amount the student may borrow within federal limits: \$5,500 for the first academic year of undergraduate study (up to 44 credits); \$6,500 for the second academic year (45–89 credits); and \$7,500 per year for the remaining years of undergraduate study. The amount of Direct Subsidized Loan eligibility is subtracted from the Direct Unsubsidized Loan maximum amounts listed. Not all students are eligible for the maximums.

Direct Unsubsidized Loans are available to undergraduate and graduate students. There is no requirement to demonstrate financial need. The student is responsible for paying the interest on a Direct Unsubsidized Loan during all periods. If the student chooses not to pay the interest while in school and during grace periods and deferment or forbearance periods, the interest will accrue (accumulate) and be capitalized (that is, interest will be added to the principal amount of the loan).

A student's financial need and dependency status determines the amount of the loan offered. Independent students, as defined by answers on the FAFSA, may borrow up to an additional \$4,000 in their freshman and sophomore years and up to an additional \$5,000 in their junior and senior years.

For loans first disbursed on or after July 1, 2022 and before July 1, 2023, the interest rate is fixed at 4.99%. For loans first disbursed on or after July 1, 2023 and before July 1, 2024, the interest rate is fixed at 5.49%. There is an origination fee of 1.057% for loans first disbursed on or after October 1, 2020 and before October 1, 2023. Interest that accrues during in-school, grace, and authorized deferment periods will be added to the principal when repayment begins. The interest rate for the Direct Unsubsidized Loan is a fixed rate set every July 1.

Graduate and law students may borrow up to \$20,500 a year depending on their financial need. For graduate and law students with loans first disbursed on or after July 1, 2022 and before July 1, 2023, the interest rate is fixed at 6.54%. For loans first disbursed on or after July 1, 2023 and before July 1, 2024, the interest rate is fixed at 7.05%. There is an origination fee of 1.057% for loans first disbursed on or after October 1, 2020 and before October 1, 2023.

### Additional Federal Direct Unsubsidized Loan

Dependent undergraduate students whose parents are denied access to the Federal Direct Parent Loan for Undergraduate Students (Parent PLUS) program may be eligible for additional Direct Unsubsidized Loan funds. Students with fewer than 90 credits may borrow a maximum of \$4,000 per award year in additional funds above the maximum Federal Direct Loan limits. Students who have earned 90 credits or more may borrow a maximum of an additional \$5,000 per award year. Not all applicants qualify for the maximums. The Federal Direct Unsubsidized Loan may be used to replace expected family contribution, but the total borrowing for combined Direct Subsidized Loans and Direct Unsubsidized Loans cannot exceed the cost of education.

Generally, the cumulative amount a student can borrow from all Federal Direct Loans is as follows:

- \$31,000 (only \$23,000 may be subsidized) as a dependent undergraduate
- \$57,500 as an independent undergraduate (only \$23,000 of this amount may be subsidized)
- \$138,500 as a graduate or professional student

### Federal Direct Parent Loan for Undergraduate Students (Parent PLUS)

This program provides loans to parents of dependent undergraduate students. Parents may borrow up to an annual amount that is equal to the cost of education minus any estimated financial assistance the student receives during the periods of enrollment. The borrower may use the amount of the Federal Direct PLUS to replace the expected family contribution for the loan period.

The Federal Direct PLUS is limited to parents who do not have an adverse credit history or who have obtained an endorser who does not have an adverse credit history or in default on federal loans. A direct loan servicer, contracted by the federal government, performs the required credit check. The interest on the Federal Direct PLUS is a fixed rate set every July 1. For loans first disbursed on or after July 1, 2022 and before July 1, 2023, the interest rate is fixed at 7.54%. For loans first disbursed on or after July 1, 2023 and before July 1, 2024, the interest rate is fixed at 8.05%. There is an origination fee of 4.228% for loans first disbursed on or after October 1, 2020 and before October 1, 2023.

Parents interested in participating in the Federal Direct PLUS program may apply for the loan by visiting the Federal Student Aid (<https://studentaid.gov/plus-app/parent/landing/>).

### Federal PLUS Loan for Graduate and Professional Students (Graduate PLUS)

This program is offered to qualified students with or without financial need, but the student must have financial aid eligibility. Like other direct loans for students, the US Department of Education is the direct lender of the Graduate PLUS. Typically, repayment must begin within 60 days after the Graduate PLUS is fully disbursed. However, students who meet the requirements may obtain an in-school deferment from the US Department of Education. There is no grace period for this loan. Interest begins to accrue at the time the first disbursement is made at a fixed rate set every July 1. For loans first disbursed on or after July 1, 2022 and before July 1, 2023, the interest rate is fixed at 7.54%. For loans first disbursed on or after July 1, 2023 and before July 1, 2024, the interest rate is fixed at 8.05%. There is an origination fee of 4.228% for loans first disbursed on or after October 1, 2020 and before October 1, 2023.

### Repayment

Payment of all Direct Loans are handled through an assigned direct loan servicer. To locate the appropriate direct loan servicer, the student may sign in to Federal Student Aid (<https://studentaid.gov/>).

Repayment of Federal Direct Loans (subsidized and unsubsidized) begins six months after termination of at least half-time enrollment. Repayment of Federal PLUS loans typically begins within 60 days of the last disbursement of the loan. A deferment may be requested after loan approval. Borrowers have the right to prepay their loans without penalty. Furthermore, they may choose from the following repayment plans:

- A standard repayment plan with a fixed payment amount (at least \$50 a month) over a fixed period of time, not to exceed 10 years
- A graduated repayment schedule in which payments are lower at first and then increase, usually every two years, over a period of as much as 10 years
- An extended repayment plan with a fixed or graduated annual repayment of at least \$50 a month over a period of up to 25 years, depending on the total amount owed
- The pay as you earn (PAYE) plan is designed for new borrowers (since October 1, 2017) with at least a partial financial hardship. Payment amounts change as the borrower's income changes, with a repayment period of as much as 20 years. Borrowers must update income and family size each year. Parent PLUS Loans are not eligible for this plan
- The revised pay as you earn plan (REPAYE) has similar conditions to the plan listed above, but there is no requirement to be a new borrower
- An income-based repayment plan designed to make repaying federal loans easier for students who intend to pursue jobs with lower salaries such as careers in public service. Monthly payments are capped at a percentage of the borrower's discretionary income, which is based on family size and income rather than total amount borrowed. Payments change as the borrower's income changes and are made over a period of up to 25 years. Borrowers must update income and family size each year. Parent PLUS Loans are not eligible for this plan
- An income-contingent repayment plan with varying annual repayment amounts based on the total amount owed and the annual income of the borrower (and that of the borrower's spouse, if a joint return is filed) paid over a period not to exceed 25 years. Parent PLUS Loans may be eligible for this plan, if part of a Direct Consolidation Loan. Borrowers must update income and family size each year
- An income-sensitive repayment plan in which monthly payments are based on annual income. Loan must be paid in full within 15 years.
- unemployment (up to three years)
- economic hardship or serving in the Peace Corps (up to three years)
- active duty military service in connection with a war, military operation, or national emergency or post-active duty service grace period
- a Parent PLUS Loan if parent borrower is enrolled at least half-time at an eligible college, in an eligible program
- cancer treatment

During periods of approved deferment, a Federal Direct Subsidized Loan borrower does not need to make payments of principal, and the interest is paid by the federal government. For the Federal Direct Unsubsidized or PLUS borrower, principal repayment may be deferred, but interest continues to accrue and is capitalized or paid by the borrower during that time.

## Forbearance

A direct loan borrower or endorser may receive forbearance (<https://studentaid.gov/manage-loans/lower-payments/get-temporary-relief/forbearance/>) from the federal government if the borrower or endorser is willing but unable to make scheduled loan payments. Forbearance is the temporary cessation of payments, an extension of time for making payments, or the temporary acceptance of smaller payments than previously scheduled. Forbearance may be granted for up to 12 months for reasons such as:

- financial difficulties
- medical expenses
- change in employment
- serving in a medical or dental internship or residency program
- the total amount a borrower owes each month for all student loans is 20 percent or more than the borrower's monthly gross income (up to three years)
- serving in an AmeriCorps position for which the borrower received a national service award
- qualifying for partial repayment of loans under the U.S. Department of Defense Student Loan Repayment Program
- performing teaching service that would qualify the borrower for teacher loan forgiveness
- a member of the National Guard and has been activated by a governor, but not eligible for military deferment
- other reasons acceptable to your direct loan servicer

During forbearance, interest will continue to accrue on the principal balance. If you do not pay the interest as it accrues, the unpaid interest will be capitalized, added to the principal balance of the loan.

Deferments and forbearance are handled by the assigned direct loan servicer. To locate the appropriate direct loan servicer, sign in to Federal Student Aid (<https://studentaid.gov/>).

If the borrower does not select one of these repayment plans, the Department of Education assigns the standard repayment plan. Visit the [website \(https://studentaid.gov/manage-loans/repayment/plans/\)](https://studentaid.gov/manage-loans/repayment/plans/) for details on all repayment plans.

The borrower's repayment liability is discharged if the borrower becomes permanently and totally disabled or dies or if the student for whom a parent has borrowed dies. Federal Direct Student Loans are generally not dischargeable in bankruptcy.

## Deferring Repayment

Repayment of a Federal Direct Student Loan that is not in default may be temporarily deferred for: (<https://studentaid.gov/manage-loans/lower-payments/get-temporary-relief/deferment/>)

- at least half-time enrollment in an eligible program at an eligible school
- an approved graduate fellowship program
- enrollment in an approved rehabilitation training program



## Public Service Loan Forgiveness

The Public Service Loan Forgiveness Program (PSLF) forgives the remaining balance on your direct loans after you have made 120 qualifying monthly payments under a qualifying repayment plan while working full-time for a qualified employer. More information about the PSLF program may be found on the Federal Student Aid (<https://studentaid.gov/manage-loans/forgiveness-cancellation/public-service/>).

## Federal Direct Consolidation Loan

Loan consolidation is a way of lowering monthly payments by combining several federal loans into one loan at the time of repayment. Borrowers may consolidate any amount of eligible loans including those borrowed under the Federal Family Education Loan program, the Federal Perkins Loan program, and the Direct Loan Program. The interest rate is fixed at the time of consolidation based on the weighted average of the loans being consolidated. Repayment of Consolidation loans may extend to 30 years depending on the repayment plan selected and the amount borrowed. The result of a longer repayment term, however, is an increase in the total cost of the loan. More information about Direct Loan Consolidation can be found on the Federal Student Aid (<https://studentaid.gov/app/launchConsolidation.action/>).

## Entrance and Exit Counseling

First-time Direct Subsidized, Unsubsidized, and Graduate PLUS Loan borrowers must complete entrance counseling before a loan disbursement can be made.

Shortly before graduating from or terminating enrollment at the University of Oregon, borrowers must also complete exit loan counseling.

Both entrance and exit counseling sessions are completed at Federal Student Aid (<https://studentaid.gov/>).

Federal bankruptcy law generally prohibits student loan borrowers from the routine discharge of their federal student loan debt.

## Alternative Loans

Privately funded loans are not based on need and no federal formula is applied to determine eligibility. However, the amount borrowed cannot exceed the cost of education minus other financial aid. Interest rates and repayment terms vary, but may be less favorable than those provided through the federal direct lending program. Private loans may be used to supplement the federal programs when the cost of education minus federal aid still leaves unmet need. Information is available in the Office of Student Financial Aid and Scholarships or on its website under Alternative Student Loans. ([http://financialaid.uoregon.edu/alternative\\_loans/](http://financialaid.uoregon.edu/alternative_loans/))

## Debt Management and Default Reduction

The University of Oregon is committed to helping students achieve sound financial planning and debt management. Information about loans, repayment options, and debt management strategies are available in the Office of Student Financial Aid and Scholarships, on its website (<https://financialaid.uoregon.edu/>), and additional resources are available through the UO Financial Wellness Center (<https://financialwellness.uoregon.edu/>).

## Scholarships

### Scholarships Awarded by a Department or School

Undergraduate and graduate students who have selected a major field of study should consult the appropriate school or department about possible scholarships and application procedures and requirements.

Many departments offer assistantships and fellowships—which include an instructional fee waiver, a monthly salary, and health insurance benefits—to outstanding graduate students.

### National ROTC Scholarships

The Army Reserve Officers Training Corps (ROTC) Scholarship Program sponsors two-, three-, and four-year scholarship options based on the time remaining to complete a degree. These scholarships include full tuition and fees or the option for room and board in place of tuition and fees. It also provides an additional book allowance of \$1,200 per year, and a monthly living allowance of \$420 per month. The University of Oregon also provides an additional subsidy for a portion of the housing cost to qualifying students. For more information, contact the Department of Military Science at 541-346-3102 or email [mcmahond@uoregon.edu](mailto:mcmahond@uoregon.edu). High school seniors may also apply online (<https://www.goarmy.com/rotc.html/>) for a four-year Army ROTC National Scholarship or contact their school's career counselor.

### National and Community Service Trust Act

This legislation created Americorps, which gives citizens the opportunity to perform community service in the United States and, for that service, receive an education award. This award can be used to pay for postsecondary education or to repay qualified student loans. Information about Americorps is available online.

### Scholarships Awarded through the Office of Student Financial Aid and Scholarships

#### Stamps Scholarship

The Stamps Scholarship is awarded competitively to outstanding incoming domestic freshman students. Oregon resident Stamps Scholars receive UO resident tuition and fees with room and board for four years of undergraduate study. Out-of-state recipients receive nonresident tuition and fees. Approximately 10 students per year are awarded this merit-based scholarship by the University of Oregon in partnership with the Stamps Scholars Program. Recipients also benefit from as much as \$12,000 in enrichment funds to be used over four years to help them pursue study abroad, unpaid internships, or other experiences. In addition, students who receive a Stamps Scholarship are automatically granted admission to the University of Oregon's Robert Donald Clark Honors College.

#### Eligibility Requirements

To apply and compete for this scholarship for the 2023-24 school year, a student must:

- be an incoming domestic freshman
- have a minimum 3.85 cumulative high school grade point average on a 4.00 scale
- exemplify leadership, perseverance, scholarship, service, and innovation



Interested students may apply online. Students must apply for admission by November 1 and submit their Stamps application by November 15.

Scholarship applications will be evaluated along with the Self Reported Academic Record included in the applicant's UO Undergraduate Admissions Application.

The University of Oregon interviews as many as 36 semifinalists in on-campus interviews; finalists will also be interviewed by the Stamps Scholars Program. The Stamps Scholars Program will make the final selection of the recipients, who are notified by March 15.

### Scholarship Renewal

Stamps Scholarships are available for up to 12 terms, renewed annually, provided recipients meet the following requirements:

- Enroll in and complete a minimum of 12 UO credits per term
- Maintain a 3.25 UO grade point average

See the [financial aid website \(http://financialaid.uoregon.edu/stamps\\_scholarship/\)](http://financialaid.uoregon.edu/stamps_scholarship/) for applications and filing deadlines.

### Presidential Scholarship

In 1983, the university established the Presidential Scholarship Program to recognize and reward outstanding Oregon high school graduates. Presidential Scholarships awarded in 2023-24 will be \$9,000 a year for four years (12 terms).

For the 2023-24 year, incoming resident freshman students must submit the Presidential Scholarship application on our website by Feb 1 in addition to applying for admission by January 15.

Selection is based on academic achievement and leadership. To retain the scholarships for four years, recipients are expected to maintain a 3.25 grade point average at the university.

### Diversity Excellence Scholarship

The University of Oregon Diversity Excellence Scholarship recognizes undergraduate and graduate students who enhance the educational experience of all students by sharing diverse cultural experiences. These tuition-remission scholarships are an integral part of the university's effort to meet the educational-diversity needs of its students, and they complement other programs in the UO diversity plan.

Diversity Excellence Scholarships awarded to undergraduates in 2023-24 will be \$7,500. Scholarships are renewable for up to 12 terms for entering freshmen, and are prorated for transfer and continuing students. Recipients must meet specific scholarship renewal requirements to retain their scholarships.

**Scholarship Criteria.** To be considered for this scholarship for the 2023-24 school year, an applicant must be a currently enrolled UO student with at least a 3.00 GPA, or apply for admission and meet standard UO admission requirements and have a 3.00 high school GPA. Scholarship recipients are selected competitively by the UO Diversity Excellence Scholarship Selection Committee, based on the following:

- Past academic performance
- Participation in campus or community activities
- An individual's ability to contribute to diversity
- Preference given to students with financial need as defined by federal and state guidelines

- Preference given to first generation of the family to attend college
- Preference given to Oregon residents

**Application.** The application is electronic and the submission deadline for the 2023-24 Diversity Excellence Scholarship is February 1 for incoming freshman and March 1 for continuing UO students. The application deadline for transfer students is April 1. Applications are available within the UO Scholarship Dashboard on the Office of Student Financial Aid and Scholarships website.

### General University Scholarships

This group of university scholarships is not attached to a particular department or school. Detailed information is available on the financial aid website. All of these scholarships require academic achievement (merit). Some of them require financial need. Scholarships administered by this office are governed by the University Scholarship Committee, whose members are drawn from the faculty, the staff, and the student body. This committee reviews and formulates policies and evaluates applicants' academic qualifications.

A single application form is used for all the scholarships in this group. The application portal is available on the financial aid website for returning students. Applicants must provide copies of academic transcripts from schools they have attended.

For the 2023-24 year, prospective students entering from high school need only to apply for admission by the January 15 deadline to be considered for scholarships in this group. For students transferring from another college, the deadline to apply for admission is March 15 and the deadline to submit a scholarship application and supporting documents is April 1. Incoming graduate, law, and continuing UO students must apply by March 1.

When awarding financial assistance, the university does not discriminate on the basis of race, sex, religion, disability, age, national origin, veteran or marital status, or sexual orientation.

### National Merit Scholarships

The University of Oregon participates with the National Merit Scholarship Corporation to award merit-based scholarships to incoming freshman students. Interested high school students should consult with their counselors and arrange to take the Preliminary Scholastic Assessment Test (PSAT) in their junior year. This test is usually offered during October.

### UO Excellence Scholarship

The UO Excellence Scholarship for incoming freshman students in 2023-24 is awarded only to out-of-state scholars, with a \$60,000 payout over four years.

Out-of-state freshmen with exceptional admissions applications and stellar academic records will automatically be considered for the UO Excellence Scholarship. A limited number of these most prestigious awards are available.

**Award Information.** Out-of-state students receive \$15,000 per year for four years. The UO Excellence Scholarship may be combined with other scholarships, including the Diversity Excellence and General University Scholarships. The UO Excellence Scholarships may not be combined with the Summit Scholarship or the Apex Scholarship.

**Application Procedures.** Students who apply for admission by January 15 and meet the criteria are automatically considered for the UO Excellence Scholarship. No separate application is required.

**Scholarship Renewal.** UO Excellence Scholarships are renewable for up to 12 academic terms (excluding summer session) within a five-year period. Renewal awards require a minimum 3.00 cumulative UO GPA and completion of 36 credits per year.

## Summit Scholarship

The Summit Scholarship for incoming freshman students in 2023-24 is awarded to Oregon resident scholars with a \$20,000 payout over four years, and to out-of-state scholars with a \$40,000 payout over four years.

### Scholarship Criteria for 2023-24

- minimum 3.90 high school GPA on a 4.00 scale

Students who fail to meet the above criteria may qualify instead for the Apex Scholarship.

**Award Information.** Oregon residents receive \$5,000 per year for four years. Out-of-state students receive \$10,000 per year for four years. The Summit Scholarship may be combined with other scholarships, including the Presidential, Diversity Excellence, and General University Scholarships. Summit Scholarships may not be combined with the UO Excellence Scholarship or the Apex Scholarship.

**Application Procedures.** Students who apply for admission by January 15 and meet the criteria are automatically awarded the Summit Scholarship. No separate application is required. Application materials must be received by the February 15 document deadline.

Students whose high school GPA improves sufficiently to make them eligible for the Summit Scholarship by the February 15 document deadline should update their Self Reported Academic Record via the Admissions Portal. They will be notified of changes by April 1. New scholarship awards will not be made based on materials received after February 15.

**Scholarship Renewal.** Summit Scholarships are renewable for up to 12 academic terms (excluding summer session) within a five-year period. Renewal awards require a minimum 3.00 cumulative UO GPA and completion of 36 credits per year.

## Apex Scholarship

The Apex Scholarship for incoming freshman in 2023-24 is awarded to Oregon resident scholars with a \$8,000 payout over four years, and to out-of-state scholars with \$30,000 over four years.

### Scholarship Criteria for 2023-24

- minimum 3.70 high school GPA on a 4.00 scale

Students whose GPA and test scores are higher than the above criteria may instead qualify for the Summit Scholarship.

**Award Information.** Oregon residents receive \$2,000 per year for four years. Out-of-state students receive \$7,500 per year for four years. The Apex Scholarship may be combined with other scholarships, including the Presidential, Diversity Excellence, and General University Scholarships. Apex Scholarships may not be combined with the UO Excellence Scholarship or the Summit Scholarship.

**Application Procedures.** Students who apply for admission by January 15 and meet the criteria are automatically awarded the Apex Scholarship. No separate application is required. Application materials, must be received by the February 15 document deadline.

Students whose high school GPA improves sufficiently to make them eligible for the Summit Scholarship by the February 15 document deadline should update their Self Reported Academic Record via the Admissions Portal. They will be notified of changes by April 1. New scholarship awards will not be made based materials received after February 15.

**Scholarship Renewal.** Apex Scholarships are renewable for up to 12 academic terms (excluding summer session) within a five-year period. Renewal awards require a minimum 3.00 cumulative UO GPA and completion of 36 credits per year.

## Pathway Oregon

PathwayOregon is the University's promise of full tuition and fees for Oregon residents who are academically qualified and eligible for the Federal Pell Grant. Eligible students will have their tuition and fees covered by a combination of federal, state, and university grants and scholarships for up to four years. Students also receive the academic and personal support that enable them to succeed and graduate from the UO within 12 terms.

To be automatically eligible for PathwayOregon, students must:

- be Oregon residents, have graduated from an Oregon high school in the last two years, and be admitted to the UO as first-time freshmen
- complete a UO admissions application by January 15
- establish Federal Pell Grant eligibility by filing the Free Application for Federal Student Aid (FAFSA) by the March 1 deadline (include the UO code **003223** as a college choice)
- earn a minimum 3.40 high school GPA

Students who earn less than a 3.40 high school GPA but meet all other program eligibility criteria will be considered for the program on a space and funding-available basis.

### Renewal Criteria

- Remain eligible for a Federal Pell Grant
- File the FAFSA by March 1
- Enroll for and maintain full-time attendance
- Make satisfactory academic progress

# Academic and Career Planning

## Advising

Office of Academic Advising (<http://advising.uoregon.edu>)

101 Oregon Hall

The University of Oregon offers undergraduate students a choice of more than 2,000 courses. Out of these courses individualized programs emerge, reflecting each student's special interests, goals, and aspirations. Translating these goals and interests into courses, majors, and minors requires careful planning with an academic advisor. University

of Oregon advisors collaborate with students to help them achieve their personal goals, academic potential, and professional success.

Advisors provide students with a declared major a framework in which planning and decision-making may be efficiently completed. Exploring students should work with advisors early and often to explore interests.

Students are strongly urged to consult advisors regularly each term. Students are also encouraged to speak with faculty members regularly.

Faculty can provide insight, guidance and mentorship within their areas of discipline and research.

The Office of Academic Advising supports new students in their transition to the university, as well as any student seeking guidance to achieve academic success. The office works closely with students in academic distress who may need particular assistance around navigating campus resources.

### General Principles in Program Planning

1. To earn a degree in four years (12 terms), students should average 15 credits a term. In planning a term's studies, students should anticipate that each credit requires at least three hours a week for class meetings or homework
2. Each term's schedule should be planned to include the university bachelor's degree requirements and requirements for the major. Major requirements are listed in this catalog under the academic department headings. Students who have not selected a major should spend some time exploring possible majors
3. Students should read the course descriptions in this catalog and the notes in the class schedule to learn course pre- or corequisites
4. Many university major disciplines and courses require competence in mathematics. Mathematics should be started in the first year
5. A second language, whether required or elective, should also be started in the first year if possible. Students planning to study abroad on an international exchange program during the sophomore or junior year should achieve competence in a language early
6. Each student should prepare a four-year model program of courses and discuss the program with an advisor
7. New students might want to explore some special curricular programs such as Freshman Interest Groups and Academic Residential Communities, and should be investigated prior to or during orientation
8. Sound planning is necessary to design a program that combines courses demanding extensive reading, daily exercises, laboratory work, and lengthy papers
9. Planning might also include the use of university resources for improving skills in reading, computation, note-taking, test-taking, and writing.

### Academic Majors, Minors, and Careers

University of Oregon undergraduate students must complete at least one academic major to graduate. A minor is another way to focus studies toward career and interest areas. Inquiries about minors should be directed to specific departments.

### Willie and Donald Tykeson Hall (<https://advising.uoregon.edu/tykeson/>)

Willie and Donald Tykeson Hall, the college and careers building, offers students an integrated academic and career service model within the Tykeson College and Career Advising (TCCA) office. TCCA serves students pursuing, or interested in, a degree within the College of Arts and Sciences. Tykeson advisors help students plan their academic

course of study to align with academic and career goals, as well as each student's values, skills, and interests

## Career Planning

### University Career Center (<https://career.uoregon.edu/>)

Willie and Donald Tykeson Hall

The University Career Center, a unit of the Division of Student Life, exists to support the career readiness, preparation, and professional development of UO students. Students have an opportunity to learn about career options and paths, develop strategies to find and prepare for part-time jobs, internships, and full-time career opportunities, and meet potential employers. See also University Career Center in the Academic Resources and Student Services (p. 656) section of this catalog.

# Undergraduate Programs

---

University of Oregon undergraduate students must complete an academic major to graduate; they may also complete additional majors, minors, or both.

Minimum requirements are 36 credits in the major, including 24 in upper-division work. Specific requirements are listed under individual departments. Concentrations within majors are additional ways of focusing academic interests, but they do not appear on academic transcripts.

Students choosing to complete a minor must earn a minimum of 24 credits, including 12 in upper-division work. Minor requirements are listed under individual departments. A minor will be awarded only at the time a bachelor's degree is conferred.

Students choosing to complete an undergraduate certificate must earn a minimum of 36 credits, including 24 upper-division with 12 minimum at the 400-level. A certificate will be awarded only at the time a bachelor's degree is conferred.

## Undergraduate Majors

Accounting (p. 424): BA, BS  
 Anthropology (p. 299): BA, BS  
 Architecture (p. 448): BArch  
 Art (p. 473): BA, BS, BFA  
 Art and Technology (p. 473): BA, BS, BFA  
 Art History (p. 484): BA  
 Asian Studies (p. 304): BA  
 Biochemistry (p. 209): BA, BS  
 Biology (p. 197): BA, BS  
 Business Administration (p. 427): BA, BS  
 Chemistry (p. 213): BA, BS  
 Child Behavioral Health (p. 633): BA, BS  
 Chinese (p. 87): BA  
 Cinema Studies (p. 60): BA, BS  
 Classics (p. 64): BA  
 Communication Disorders and Sciences (p. 529): BA, BS  
 Comparative Literature (p. 77): BA, BS  
 Computer Science (p. 221): BA, BS  
 Cybersecurity (p. 226): BS  
 Dance (p. 569): BA, BS, BFA  
 Data Science (p. 231): BA, BS  
 Earth Sciences (p. 236): BA, BS  
 Economics (p. 314): BA, BS  
 Educational Foundations (p. 520): BA, BS  
 English (p. 104): BA  
 Environmental Design (p. 464): BA, BS  
 Environmental Science (p. 320): BA, BS  
 Environmental Studies (p. 323): BA, BS  
 Ethnic Studies (p. 386): BA, BS  
 Family and Human Services (p. 505): BA, BS, BEd  
 Folklore and Public Culture (p. 113): BA  
 French (p. 157): BA  
 General Social Science (p. 334): BA, BS  
 Geography (p. 344): BA, BS  
 German (p. 119): BA, BS  
 Global Studies (p. 355): BA, BS

History (p. 380): BA, BS  
 Humanities (p. 127): BA  
 Human Physiology (p. 249): BA, BS  
 Interior Architecture (p. 457): BIArch  
 Italian (p. 160): BA  
 Japanese (p. 91): BA  
 Journalism (p. 545): BA, BS  
 Journalism: Advertising (p. 547): BA, BS  
 Journalism: Media Studies (p. 548): BA, BS  
 Journalism: Public Relations (p. 549): BA, BS  
 Judaic Studies (p. 130): BA  
 Landscape Architecture (p. 466): BLA  
 Latin American Studies (p. 396): BA  
 Linguistics (p. 133): BA, BS  
 Marine Biology (p. 201): BA, BS  
 Mathematics (p. 255): BA, BS  
 Mathematics and Computer Science (p. 264): BA, BS  
 Medieval Studies (p. 140): BA  
 Multidisciplinary Science (p. 270): BA, BS  
 Music (p. 586): BA, BS  
 Music Composition (p. 596): BMus  
 Music Education (p. 599): BMME  
 Music: Jazz Studies (p. 605): BMus  
 Music Performance (p. 602): BMus  
 Native American and Indigenous Studies (p. 389): BA, BS  
 Neuroscience (p. 275): BA, BS  
 Philosophy (p. 143): BA, BS  
 Physics (p. 281): BA, BS  
 Planning, Public Policy and Management (p. 490): BA, BS  
 Political Science (p. 403): BA, BS  
 Popular Music (p. 608): BA, BS  
 Product Design (p. 481): BFA  
 Psychology (p. 288): BA, BS  
 Religious Studies (p. 150): BA, BS  
 Romance Languages (p. 163): BA  
 Russian, East European, and Eurasian Studies (p. 184): BA  
 Sociology (p. 408): BA, BS  
 Spanish (p. 164): BA  
 Spatial Data Science and Technology (p. 348): BA, BS  
 Theater Arts (p. 189): BA, BS  
 Women's, Gender, and Sexuality Studies (p. 413): BA, BS

## Undergraduate Minors

African Studies (p. 295)  
 Anthropology (p. 302)  
 Arabic Studies (p. 153)  
 Architecture (p. 449)  
 Art (p. 479)  
 Art History (p. 486)  
 Biochemistry (p. 217)  
 Bioengineering (p. 637)  
 Biology (p. 206)  
 Black Studies (p. 312)  
 Business Administration (p. 431)  
 Chemistry (p. 218)  
 Chinese (p. 95)  
 Classical Civilization (p. 73)  
 Climate Studies (p. 351)  
 Comics and Cartoon Studies (p. 107)  
 Commerce and Society (p. 342)  
 Comparative Literature

Computer Information Technology (p. 227)  
 Computer Science (p. 227)  
 Creative Writing  
 Criminology  
 Dance (p. 574)  
 Digital Humanities (p. 107)  
 Disability Studies (p. 108)  
 Earth Sciences (p. 246)  
 East Asian Studies (p. 309)  
 Economics (p. 317)  
 English (p. 106)  
 Entrepreneurship (p. 432)  
 Environmental Humanities (p. 328)  
 Environmental Studies (p. 327)  
 Ethics (p. 146)  
 Ethnic Studies (p. 391)  
 European Studies (p. 330)  
 Folklore and Public Culture (p. 115)  
 Food Studies (p. 333)  
 Forensic Anthropology (p. 302)  
 French (p. 159)  
 Geography (p. 352)  
 German (p. 124)  
 German and Scandinavian Studies (p. 125)  
 Global Health (p. 374)  
 Global Service (p. 375)  
 Global Studies (p. 374)  
 Greek (p. 74)  
 History (p. 383)  
 Interdisciplinary Cognitive Sciences (p. 135)  
 Interior Architecture (p. 459)  
 Italian (p. 162)  
 Japanese (p. 96)  
 Judaic Studies (p. 131)  
 Korean (p. 96)  
 Landscape Architecture (p. 469)  
 Latin (p. 74)  
 Latin American Studies (p. 398)  
 Latinx Studies (p. 391)  
 Legal Studies (p. 562)  
 Linguistics (p. 134)  
 Mathematics (p. 268)  
 Media Studies (p. 551)  
 Medieval Studies (p. 141)  
 Middle East–North Africa Studies (p. 399)  
 Multimedia (p. 479)  
 Music (p. 610)  
 Music Production (p. 610)  
 Music Technology (p. 610)  
 Native American and Indigenous Studies (p. 392)  
 Nonprofit Administration (p. 493)  
 Philosophy (p. 146)  
 Physics (p. 283)  
 Planning, Public Policy and Management (p. 493)  
 Political Science (p. 405)  
 Product Design (p. 482)  
 Psychology (p. 291)  
 Queer Studies  
 Religious Studies (p. 153)  
 Russian, East European, and Eurasian Studies (p. 186)  
 Scandinavian (p. 125)  
 Science Communication (p. 551)

Sociology (p. 410)  
 South Asian Studies (p. 309)  
 Southeast Asian Studies (p. 310)  
 Spanish (p. 167)  
 Special E (p. 532)ducation  
 Sports Business (p. 433)  
 Sustainable Business  
 Theater Arts (p. 192)  
 Women's, Gender, and Sexuality Studies (p. 416)  
 Writing, Public Speaking, and Critical Reasoning (p. 109)

## Undergraduate Certificate

Educational Foundations—Secondary (p. 523)  
 Global Business (p. 434)  
 Second-Language Acquisition and Teaching (p. 135)  
 Special Education (p. 533)  
 Teaching Dance (p. 575)  
 Writing, Public Speaking, and Critical Reasoning (p. 111)



# Graduate Programs

The University of Oregon offers graduate level study in a wide range of subjects. There are no minors in graduate degree and certificate programs, but students may pursue a graduate certificate or specialization alongside their degree program. Graduate Microcredentials are only available as standalone programs for non-degree students. For information about law degrees, see the School of Law section of this catalog.

## Graduate Degree Programs

Accounting (p. 424): MActg, PhD  
 Advertising and Brand Responsibility (p. 551): MA  
 American Law (p. 562): LLM  
 Anthropology (p. 303): MA\*, MS\*, PhD  
 Applied Behavior Analysis (p. 534): MS  
 Applied Physics (p. 638): MS  
 Architecture (p. 448): MArch, MS, PhD  
 Art (p. 479): MFA  
 Art History (p. 484): MA, PhD  
 Asian Studies (p. 310): MA, MS  
 Bioengineering (p. 639): MS\*, PhD  
 Biology (p. 197): MS, PhD  
 Biology (Knight Campus) (p. 639): MS  
 Business Law (p. 563): LLM  
 Chemistry (p. 209): MS, PhD  
 Chemistry (Knight Campus) (p. 639): MS  
 Classics (p. 75): MA  
 Communication Disorders and Sciences (p. 529): MS, PhD  
 Communication and Media Studies (p. 545): MA, MS, PhD  
 Community and Regional Planning (p. 494): MCRP  
 Comparative Literature (p. 80): MA\*, PhD  
 Computer Science (p. 221): MS, PhD  
 Conflict and Dispute Resolution (p. 561): LLM, MA, MS  
 Counseling, Family, and Human Services (p. 513): MEd  
 Counseling Psychology (p. 516): MS\*, PhD  
 Couples and Family Therapy (p. 513): MS  
 Creative Writing (p. 85): MFA  
 Critical and Sociocultural Studies in Education (p. 527): PhD  
 Curriculum and Teacher Education (p. 525): MS  
 Curriculum and Teaching (UOTeach) (p. 524): MEd  
 Data-driven Music Performance and Composition (p. 611): PhD  
 Earth Sciences (p. 236): MS, PhD  
 East Asian Languages and Literatures (p. 87): MA, PhD  
 Economics (p. 314): MS, PhD  
 Educational Leadership (p. 503): MEd, DEd  
 Educational Policy and Leadership (p. 526): MS  
 English (p. 104): MA, PhD  
 Environmental and Natural Resources Law (p. 565): LLM  
 Environmental Sciences, Studies, and Policy (p. 329): PhD  
 Environmental Studies (p. 328): MA, MS  
 Finance (p. 424): MA\*, MS, PhD  
 Folklore and Public Culture (p. 116): MA, MS  
 French (p. 167): MA  
 General Business (p. 436): MBA  
 General Business Executive (p. 438): MBA  
 Geography (p. 344): MA, MS, PhD  
 German (p. 119): MA, PhD  
 Global Studies (p. 377): MA  
 Historic Preservation (p. 456): MS

History (p. 380): MA, PhD  
 Human Physiology (p. 252): MS\*, PhD  
 Immersive Media Communication (p. 553): MS  
 Indigenous, Race and Ethnic Studies (p. 393): MA\*, PhD  
 Interdisciplinary Studies (p. 648): MA, MS  
 Interior Architecture (p. 457): MIArch, MS  
 Intermedia Music Technology (p. 612): MMus  
 Italian (p. 169): MA  
 Journalism (p. 554): MA, MS  
 Landscape Architecture (p. 464): MLA, PhD  
 Language Teaching Studies (p. 136): MA  
 Law (p. 566): JD  
 Linguistics (p. 137): MA\*, PhD  
 Management (p. 439): MA\*, PhD  
 Marketing (p. 440): MA\*, PhD  
 Mathematics (p. 255): MS, PhD  
 Multimedia Journalism (p. 555): MA  
 Music Composition (p. 582): MMus, PhD  
 Music: Conducting (p. 614): MMus  
 Music Education (p. 582): MMus, PhD  
 Music: Jazz Studies (p. 627): MMus  
 Music Performance (p. 582): MMus, DMA  
 Music: Piano Pedagogy (p. 627): MMus  
 Music Theory (p. 582): MA, PhD  
 Musicology (p. 582): MA, PhD  
 Nonprofit Management (p. 496): MNM  
 Operations and Business Analytics (p. 440): MA\*, PhD  
 Philosophy (p. 143): MA, PhD  
 Physics (p. 280): MS, PhD  
 Planning and Public Affairs (p. 500): PhD  
 Political Science (p. 403): MA, MS, PhD  
 Prevention Science (p. 505): MS, MEd, PhD  
 Psychology (p. 287): MS, PhD  
 Public Administration (p. 499): MPA  
 Quantitative Research Methods in Education (p. 527): PhD  
 Romance Languages (p. 157): MA, PhD  
 Russian, East European, and Eurasian Studies (p. 187): MA  
 School Psychology (p. 529): MS, PhD  
 Sociology (p. 411): MA\*, MS\*, PhD  
 Spanish (p. 157): MA, PhD  
 Special Education (p. 529): MS, DEd, PhD  
 Sports Product Design (p. 482): MS  
 Sports Product Management (p. 438): MS  
 Strategic Communication (p. 556): MS  
 Theater Arts (p. 189): MA, MFA, PhD

*Those programs through which a master's degree is only attainable en route to a doctoral degree are marked with an asterisk (\*).*

## Graduate Certificate

Communication Ethics (p. 557)  
 Early Intervention—Early Childhood Special Education (p. 541)  
 Ecological Design (p. 453)  
 Environmental Humanities (p. 330)  
 Indigenous, Race, and Ethnic Studies (p. 394)  
 Institutional and Organizational Conflict Management (p. 567)  
 Museum Studies (p. 487)  
 Music Performance (p. 630)  
 New Media and Culture (p. 488)  
 Nonprofit Management (p. 501)  
 Russian, East European, and Eurasian Studies (p. 187)  
 School Psychology (p. 541)

Technical Teaching in Architecture (p. 454)  
Women's, Gender, and Sexuality Studies (p. 417)

## Graduate Specializations

Advanced Strategy and Leadership (p. 436)  
African Studies (p. 297)  
Architectural Technology (p. 454)  
Asian Studies (p. 311)  
Collaborative Piano (p. 630)  
Educational Data Science (p. 528)  
Environmental Conflicts: Climate Change (p. 568)  
Environmental Conflicts: Land Use (p. 568)  
Environmental Conflicts: Water (p. 568)  
Ethnomusicology (p. 630)  
Finance and Securities Analysis (p. 437)  
Folklore and Public Culture (p. 117)  
Food Studies (p. 334)  
Historical Performance Practice (p. 631)  
Housing (p. 454)  
Innovation and Entrepreneurship (p. 437)  
Interior Architecture (p. 454)  
Jazz Pedagogy (p. 631)  
Music Theory Pedagogy (p. 631)  
Neuroscience (p. 279)  
Piano Pedagogy (p. 631)  
Politics, Culture, and Identity (p. 112)  
Prevention Science (p. 518)  
Quantitative Research Methods (p. 528)  
Regional and International Conflict (p. 568)  
Spanish Language Psychological Service and Research (p. 518)  
Sports Business (p. 437)  
Sustainable Business Practices (p. 438)  
Translation Studies (p. 182)  
Urban Architecture and Urban Design (p. 454)  
Urban Historic Preservation (p. 454)  
Violin/Viola Pedagogy (p. 631)

## Graduate Microcredential

Child Behavioral Health (p. 634)

# Core Education Courses

**Area of Inquiry** and **Cultural Literacy** courses count toward partial fulfillment of bachelor's degree requirements under the groups and categories listed in each section.

## Arts and Letters

Arts & Letters (A&L) courses will create meaningful opportunities for students to engage actively in the modes of inquiry that define a discipline. Courses will be broad in scope and demonstrably liberal in nature (that is, courses that promote open inquiry from a variety of perspectives). Though some courses may focus on specialized subjects or approaches, there will be a substantial course content locating that subject in the broader context of the major issues of the discipline. Qualifying courses will not focus on teaching basic skills but will require the application or engagement of those skills through analysis and interpretation.

Courses that count towards either the Arts and Letters Area or fulfill the 2nd language requirement for the Bachelor of Arts degree can be found in the list at the bottom of this page. [Click here to see that list.](#) (p. 47)

| Code     | Title                                   | Credits |
|----------|-----------------------------------------|---------|
| ARB 331  | Reading Classical Arabic                | 4       |
| ARB 353  | Arab Cinema                             | 4       |
| ARH 150  | Introduction to Visual Culture          | 4       |
| ARH 204  | History of Western Art I                | 4       |
| ARH 205  | History of Western Art II               | 4       |
| ARH 206  | History of Western Art III              | 4       |
| ARH 208  | History of Chinese Art                  | 4       |
| ARH 209  | History of Japanese Art                 | 4       |
| ARH 210  | Contemporary Asian Art and Architecture | 4       |
| ARH 211  | Survey of Latin American Arts           | 4       |
| ARH 314  | History of World Architecture I         | 4       |
| ARH 315  | History of World Architecture II        | 4       |
| ARH 316  | Gothic Architecture                     | 4       |
| ARH 317  | Romanesque Architecture                 | 4       |
| ARH 321  | Ancient Jewish Art                      | 4       |
| ARH 322  | Ancient Greek Art & Architecture        | 4       |
| ARH 325  | Islamic Art & Architecture              | 4       |
| ARH 348  | Rome in Age of Bernini                  | 4       |
| ARH 351  | 19th-Century Art                        | 4       |
| ARH 352  | Art of the Enlightenment                | 4       |
| ARH 353  | Modern Art, 1880–1950                   | 4       |
| ARH 354  | Contemporary Art                        | 4       |
| ARH 358  | History of Design                       | 4       |
| ARH 359  | History of Photography                  | 4       |
| ARH 372  | Arts of Colonial Latin America          | 4       |
| ARH 382  | Arts of the Silk Road                   | 4       |
| ARH 387  | Chinese Buddhist Art                    | 4       |
| ART 101  | Understanding Contemporary Art          | 4       |
| ART 111  | The Artist Experience                   | 4       |
| ASIA 111 | Great Books on Modern Asia              | 4       |
| ASIA 350 | What Is Asia: Theoretical Debates       | 4       |

|           |                                                        |   |
|-----------|--------------------------------------------------------|---|
| CHN 150   | Introduction to Chinese Narrative                      | 4 |
| CHN 151   | Introduction to Chinese Film                           | 4 |
| CHN 152   | Introduction to Chinese Popular Culture                | 4 |
| CHN 204   | Accelerated Second-Year Chinese I                      | 5 |
| CHN 205   | Accelerated Second-Year Chinese II                     | 5 |
| CHN 206   | Accelerated Second-Year Chinese III                    | 5 |
| CHN 305   | History of Chinese Literature                          | 4 |
| CHN 306   | History of Chinese Literature II, The Imperial Age     | 4 |
| CHN 307   | History of Chinese Literature                          | 4 |
| CHN 308   | Literature of Modern Taiwan                            | 4 |
| CHN 350   | Gender and Sexuality in Traditional Chinese Literature | 4 |
| CHN 351   | Gender and Sexuality in Modern Chinese Literature      | 4 |
| CHN 380   | Self and Society in Traditional Chinese Literature     | 4 |
| CINE 110M | Introduction to Film and Media                         | 4 |
| CINE 111  | How to Watch TV                                        | 4 |
| CINE 151M | Introduction to Korean Cinema                          | 4 |
| CINE 230  | Remix Cultures                                         | 4 |
| CINE 265  | History of the Motion Picture I                        | 4 |
| CINE 266  | History of the Motion Picture II                       | 4 |
| CINE 267  | History of the Motion Picture III                      | 4 |
| CINE 268  | United States Television History                       | 4 |
| CINE 335  | Exhibition and Audiences                               | 4 |
| CINE 340  | Production Studies                                     | 4 |
| CINE 345  | Stars                                                  | 4 |
| CINE 350  | Queer European Cinema                                  | 4 |
| CINE 362M | Contemporary Korean Film                               | 4 |
| CINE 365  | Digital Cinema                                         | 4 |
| CINE 381M | Film, Media, and Culture                               | 4 |
| CLAS 110  | Classical Mythology                                    | 4 |
| CLAS 201  | Greek Life and Culture                                 | 4 |
| CLAS 202  | Roman Life and Culture                                 | 4 |
| CLAS 301  | Greek and Roman Epic                                   | 4 |
| CLAS 302  | Greek and Roman Tragedy                                | 4 |
| CLAS 303  | Classical Greek Philosophers                           | 4 |
| CLAS 310  | Early China, Ancient Greece                            | 4 |
| CLAS 311  | Death and Rebirth in Greece and India                  | 4 |
| CLAS 314  | Gender and Sexuality in Antiquity                      | 4 |
| COLT 101  | Introduction to Comparative Literature                 | 4 |
| COLT 102  | Introduction to Comparative Literature                 | 4 |
| COLT 103  | Introduction to Comparative Literature                 | 4 |
| COLT 211  | Comparative World Literature                           | 4 |
| COLT 212  | Comparative World Cinema                               | 4 |
| COLT 213  | United States Culture in Comparative Contexts          | 4 |
| COLT 231  | Literature and Society                                 | 4 |
| COLT 232  | Literature and Film                                    | 4 |
| COLT 301  | Approaches to Comparative Literature                   | 4 |
| COLT 305  | Cultural Studies                                       | 4 |
| COLT 360  | Gender and Identity in Literature                      | 4 |

|          |                                                   |   |          |                                                        |   |
|----------|---------------------------------------------------|---|----------|--------------------------------------------------------|---|
| COLT 370 | Comparative Comics                                | 4 | FR 361   | French Cinema for Nonmajors                            | 4 |
| COLT 390 | Comparing Identities, Agencies and Differences    | 4 | GER 220M | From Kierkegaard to Kafka                              | 4 |
| DAN 241  | Screendance: History and Theory                   | 4 | GER 221  | Postwar Germany: Nation Divided                        | 4 |
| DAN 251  | Looking at Dance                                  | 4 | GER 222  | Voices of Dissent in Germany                           | 4 |
| DAN 301  | African Dance Aesthetics                          | 4 | GER 223  | Germany: A Multicultural Society                       | 4 |
| EALL 209 | Languages and Societies in East Asia              | 4 | GER 250  | The Culture of Money                                   | 4 |
| EALL 211 | Japan: A Cultural Odyssey                         | 4 | GER 251  | Sexuality                                              | 4 |
| ENG 104  | Introduction to Literature: Fiction               | 4 | GER 252  | War, Violence, Trauma                                  | 4 |
| ENG 105  | Introduction to Literature: Drama                 | 4 | GER 280M | The Quality of Life in Germany and Scandinavia         | 4 |
| ENG 106  | Introduction to Literature: Poetry                | 4 | GER 345M | Food, Culture, and Identity in Germany and Scandinavia | 4 |
| ENG 107  | World Literature                                  | 4 | GER 351  | Diversity in Germany                                   | 4 |
| ENG 108  | World Literature                                  | 4 | GER 354  | German Gender Studies                                  | 4 |
| ENG 110M | Introduction to Film and Media                    | 4 | GER 355  | German Cinema: History, Theory, Practice               | 4 |
| ENG 207  | Shakespeare                                       | 4 | GER 356  | German Fairy Tales                                     | 4 |
| ENG 208  | Shakespeare                                       | 4 | GER 357  | Nature, Culture, and the Environment                   | 4 |
| ENG 225  | Age of King Arthur                                | 4 | HC 221H  | Arts and Letters Inquiry: [Topic]                      | 4 |
| ENG 230  | Introduction to Environmental Literature          | 4 | HC 222H  | Honors College Arts and Letters                        | 4 |
| ENG 240  | Introduction to Disability Studies                | 4 | HC 223H  | Honors College Arts and Letters                        | 4 |
| ENG 241  | Introduction to African American Literature       | 4 | HUM 101  | Introduction to the Humanities I                       | 4 |
| ENG 242  | Introduction to Asian American Literature         | 4 | HUM 102  | Introduction to the Humanities II                      | 4 |
| ENG 243  | Introduction to Chicano and Latino Literature     | 4 | HUM 103  | Introduction to the Humanities III                     | 4 |
| ENG 244  | Introduction to Native American Literature        | 4 | HUM 240  | Medical Humanities                                     | 4 |
| ENG 250  | Literature and Digital Culture                    | 4 | HUM 245  | Food, Art, and Literature                              | 4 |
| ENG 280  | Introduction to Comic Studies                     | 4 | HUM 260  | Postwar European Culture                               | 4 |
| ENG 304  | English Major Foundations: Context                | 4 | HUM 300  | Themes in the Humanities                               | 4 |
| ENG 305  | English Major Foundations: Theory                 | 4 | HUM 361  | Ancient Science and Culture                            | 4 |
| ENG 321  | English Novel                                     | 4 | ITAL 150 | Cultural Legacies of Italy                             | 4 |
| ENG 322  | English Novel                                     | 4 | ITAL 152 | Desire and Resistance: Italian Cinema                  | 4 |
| ENG 323  | English Novel Conrad to Present                   | 4 | ITAL 252 | The Italian-American Experience                        | 4 |
| ENG 330  | Oral Controversy and Advocacy                     | 4 | ITAL 350 | Global Histories of Italian Food                       | 4 |
| ENG 335  | Inventing Arguments                               | 4 | J 397    | Media Ethics                                           | 4 |
| ENG 340  | Jewish Writers                                    | 4 | JDST 212 | Medieval and Early Modern Judaism                      | 4 |
| ENG 365  | Global Literatures in English                     | 4 | JDST 213 | The Jewish Encounter with Modernity                    | 4 |
| ENG 381M | Film, Media, and Culture                          | 4 | JDST 352 | Jewish Literature and Culture                          | 4 |
| ENG 385  | Graphic Narratives and Cultural Theory            | 4 | JDST 353 | Jewish Image and Media                                 | 4 |
| ENG 386  | Bodies in Comics                                  | 4 | JDST 354 | Jewish Thought and History                             | 4 |
| ENG 391  | American Novel                                    | 4 | JPN 250  | Manga Millennium                                       | 4 |
| ENG 392  | American Novel                                    | 4 | JPN 305  | Introduction to Japanese Literature                    | 4 |
| ENG 394  | 20th-Century Literature                           | 4 | JPN 306  | Introduction to Japanese Literature                    | 4 |
| ENG 395  | 20th-Century Literature                           | 4 | JPN 307  | Introduction to Japanese Literature                    | 4 |
| ENVS 203 | Introduction to Environmental Studies: Humanities | 4 | JPN 315  | Introduction to Japanese Linguistics                   | 4 |
| ENVS 345 | Environmental Ethics                              | 4 | KRN 151M | Introduction to Korean Cinema                          | 4 |
| FLR 225  | Voices of Africa                                  | 4 | KRN 309  | Languages and Cultural Formation in Korea              | 4 |
| FLR 235  | Folklore and the Supernatural                     | 4 | KRN 315  | Introduction to Korean Linguistics                     | 4 |
| FLR 236  | Magic in the Middle Ages                          | 4 | KRN 361  | Korean Popular Culture and Transnationalism            | 4 |
| FLR 250  | Introduction to Folklore                          | 4 | KRN 362M | Contemporary Korean Film                               | 4 |
| FLR 255  | Folklore and United States Popular Culture        | 4 | LA 260   | Understanding Landscapes                               | 4 |
| FLR 320  | Car Cultures                                      | 4 | LA 375   | Contemporary American Landscape                        | 4 |
| FLR 350  | Folklore and the Bible                            | 4 | LING 150 | Structure of English Words                             | 4 |
| FR 150   | Cultural Legacies of France                       | 4 |          |                                                        |   |

|          |                                             |   |
|----------|---------------------------------------------|---|
| LING 225 | Writing Systems                             | 4 |
| MENA 111 | Media Coverage of the Middle East           | 4 |
| MUJ 350  | History of Jazz, 1900–1950                  | 4 |
| MUJ 351  | History of Jazz, 1940 to Present            | 4 |
| MUS 125  | Understanding Music                         | 4 |
| MUS 151  | Popular Songwriting                         | 4 |
| MUS 227  | Elements of Electronic Music                | 4 |
| MUS 263  | US Popular Music 1800 to 1930               | 4 |
| MUS 264  | US Popular Music 1930 to 1965               | 4 |
| MUS 265  | US Popular Music 1965 to 2000               | 4 |
| MUS 270  | History of the Blues                        | 4 |
| MUS 351  | The Music of Bach and Handel                | 4 |
| MUS 358  | Music in World Cultures                     | 4 |
| MUS 359  | Music of the Americas                       | 4 |
| MUS 360  | Hip-Hop Music: History, Culture, Aesthetics | 4 |
| MUS 363  | The Beatles and Their Times                 | 4 |
| MUS 367  | Survey of African Music                     | 4 |
| MUS 380  | Film Music                                  | 4 |
| MUS 382  | American Musical Theater                    | 4 |
| PHIL 101 | Philosophical Problems                      | 4 |
| PHIL 102 | Ethics                                      | 4 |
| PHIL 103 | Critical Reasoning                          | 4 |
| PHIL 104 | History of Western Philosophy               | 4 |
| PHIL 110 | Human Nature                                | 4 |
| PHIL 120 | Ethics of Enterprise and Exchange           | 4 |
| PHIL 130 | Philosophy and Popular Culture              | 4 |
| PHIL 135 | Ethics in the Life Sciences                 | 4 |
| PHIL 170 | Love and Sex                                | 4 |
| PHIL 211 | Existentialism                              | 4 |
| PHIL 216 | Philosophy and Cultural Diversity           | 4 |
| PHIL 220 | Food Ethics                                 | 4 |
| PHIL 225 | Introduction to Formal Logic                | 4 |
| PHIL 310 | History of Philosophy: Ancient and Medieval | 4 |
| PHIL 311 | History of Philosophy: Modern               | 4 |
| PHIL 312 | History of Philosophy: 19th Century         | 4 |
| PHIL 315 | Introduction to Feminist Philosophy         | 4 |
| PHIL 322 | Philosophy of the Arts                      | 4 |
| PHIL 332 | Philosophy of Film                          | 4 |
| PHIL 335 | Medical Ethics                              | 4 |
| PHIL 340 | Environmental Philosophy                    | 4 |
| PHIL 341 | African Philosophy                          | 4 |
| PHIL 342 | Introduction to Latin American Philosophy   | 4 |
| PHIL 345 | Place in the Cosmos                         | 4 |
| PPPM 250 | Arts and Human Values                       | 4 |
| REL 101  | World Religions: Asian Traditions           | 4 |
| REL 102  | World Religions: Near Eastern Traditions    | 4 |
| REL 222  | Introduction to the Bible I                 | 4 |
| REL 223  | Introduction to the Bible II                | 4 |
| REL 233  | Introduction to Islam                       | 4 |
| REL 317  | Jesus and the Gospels                       | 4 |
| REL 335  | Introduction to the Qur'an                  | 4 |

|           |                                                        |   |
|-----------|--------------------------------------------------------|---|
| REL 353   | Dark Self, East and West                               | 4 |
| REL 355   | Mysticism                                              | 4 |
| REL 359   | Religion After Atheism                                 | 4 |
| RL 151    | Mediterranean Foodways                                 | 4 |
| RL 152    | Feminist Lens: Italian and French Cinema               | 4 |
| RUSS 204  | Introduction to Russian Literature                     | 4 |
| RUSS 205  | Introduction to Russian Literature                     | 4 |
| RUSS 206  | Introduction to Russian Literature                     | 4 |
| RUSS 240  | Russian Culture                                        | 4 |
| RUSS 334  | Dostoevsky                                             | 4 |
| RUSS 351  | Russian Literature and Film                            | 4 |
| RUSS 360  | Race in Russia and America                             | 4 |
| SCAN 220M | From Kierkegaard to Kafka                              | 4 |
| SCAN 251  | Text and Interpretation                                | 4 |
| SCAN 259  | Vikings through the Icelandic Sagas                    | 4 |
| SCAN 280M | The Quality of Life in Germany and Scandinavia         | 4 |
| SCAN 315  | Nordic Cinema                                          | 4 |
| SCAN 316  | History of Cinema                                      | 4 |
| SCAN 317  | Directors, Movements, and Manifestos                   | 4 |
| SCAN 325  | Constructions versus Constrictions of Identity         | 4 |
| SCAN 341  | Revisions of the Scandinavian Dream                    | 4 |
| SCAN 343  | Norse Mythology                                        | 4 |
| SCAN 345M | Food, Culture, and Identity in Germany and Scandinavia | 4 |
| SCAN 351  | Periods in Scandinavian Literature                     | 4 |
| SCAN 353  | Scandinavian Women Writers                             | 4 |
| SCAN 354  | Genres in Scandinavian Literature                      | 4 |
| SPAN 150  | Hispanic and Latinx Cultures                           | 4 |
| TA 271    | Introduction to Theater Arts                           | 4 |
| TA 367    | History of the Theater I                               | 4 |
| TA 368    | History of the Theater II                              | 4 |
| TA 369    | History of the Theater III                             | 4 |
| WGS 250   | Gender, Literature, and Culture                        | 4 |
| WGS 261   | Gender and Popular Culture                             | 4 |
| WGS 311   | Black Feminist Theories                                | 4 |
| WGS 322   | Queer Theory                                           | 4 |
| WGS 350   | Literature as Feminist Theory                          | 4 |
| WGS 361   | Gender, Film, and the Media                            | 4 |

## Arts and Letters: Languages

*Students may not use courses that fulfill the second-language requirement for the bachelor of arts degree to fulfill the arts and letters area requirement as well.*

| Code    | Title                              | Credits |
|---------|------------------------------------|---------|
| ARB 301 | Language and Culture I             | 4       |
| ARB 302 | Language and Culture II            | 4       |
| ARB 303 | Language and Culture III           | 4       |
| ASL 201 | Second-Year American Sign Language | 4       |
| ASL 202 | Second-Year American Sign Language | 4       |
| ASL 203 | Second-Year American Sign Language | 4       |



|          |                                                         |   |          |                                             |   |
|----------|---------------------------------------------------------|---|----------|---------------------------------------------|---|
| CHN 201  | Second-Year Chinese                                     | 5 | ITAL 318 | Italian Survey: Baroque and Enlightenment   | 4 |
| CHN 202  | Second-Year Chinese                                     | 5 | ITAL 319 | Italian Survey: 19th and 20th Centuries     | 4 |
| CHN 203  | Second-Year Chinese                                     | 5 | JPN 201  | Second-Year Japanese                        | 5 |
| CHN 204  | Accelerated Second-Year Chinese I                       | 5 | JPN 202  | Second-Year Japanese                        | 5 |
| CHN 205  | Accelerated Second-Year Chinese II                      | 5 | JPN 203  | Second-Year Japanese                        | 5 |
| CHN 206  | Accelerated Second-Year Chinese III                     | 5 | JPN 301  | Third-Year Japanese                         | 5 |
| CHN 301  | Third-Year Chinese                                      | 5 | JPN 302  | Third-Year Japanese                         | 5 |
| CHN 302  | Third-Year Chinese                                      | 5 | JPN 303  | Third-Year Japanese                         | 5 |
| CHN 303  | Third-Year Chinese                                      | 5 | KRN 201  | Second-Year Korean                          | 5 |
| FR 201   | Second-Year French                                      | 4 | KRN 202  | Second-Year Korean                          | 5 |
| FR 202   | Second-Year French                                      | 4 | KRN 203  | Second-Year Korean                          | 5 |
| FR 203   | Second-Year French                                      | 4 | KRN 301  | Third Year Korean                           | 5 |
| FR 301   | La France contemporaine                                 | 4 | KRN 302  | Third-Year Korean                           | 5 |
| FR 302   | Culture et langage: Le monde francophone contemporain   | 4 | KRN 303  | Third-Year Korean                           | 5 |
| FR 312   | French Survey: Francophone Literature                   | 4 | LAT 301  | Authors: [Topic]                            | 4 |
| FR 317   | French Survey: Medieval and Renaissance                 | 4 | LAT 302  | Authors: [Topic]                            | 4 |
| FR 318   | Monarchy, Liberty, Revolution                           | 4 | LAT 303  | Authors: [Topic]                            | 4 |
| FR 319   | French Survey: 19th and 20th Centuries                  | 4 | PORT 201 | Second Year Portuguese                      | 4 |
| FR 330   | French Poetry                                           | 4 | PORT 202 | Second-Year Portuguese                      | 4 |
| FR 331   | French Theater                                          | 4 | PORT 203 | Second-Year Portuguese                      | 4 |
| FR 333   | French Narrative                                        | 4 | PORT 301 | Cultura e Lingua: Expressoes Artisticas     | 4 |
| FR 362   | French Film                                             | 4 | PORT 305 | Cultura e lingua: Brasil ontem e hoje       | 4 |
| GER 201  | Second-Year German I                                    | 4 | RUSS 201 | Second-Year Russian                         | 5 |
| GER 202  | Second-Year German II                                   | 4 | RUSS 202 | Second-Year Russian                         | 5 |
| GER 203  | Second-Year German III                                  | 4 | RUSS 203 | Second-Year Russian                         | 5 |
| GER 311  | Intermediate Language Training                          | 4 | RUSS 316 | Third-Year Russian                          | 5 |
| GER 312  | Intermediate Language Training                          | 4 | RUSS 317 | Third-Year Russian                          | 5 |
| GER 313  | Intermediate Language Training                          | 4 | RUSS 318 | Third-Year Russian                          | 5 |
| GER 360  | Introduction to German Literature: Poetry, Plays, Prose | 4 | SPAN 201 | Second-Year Spanish                         | 4 |
| GER 361  | Introduction to German Literature: Literary Movements   | 4 | SPAN 202 | Second-Year Spanish                         | 4 |
| GER 362  | Introduction to German Literature: Interpretive Models  | 4 | SPAN 203 | Second-Year Spanish                         | 4 |
| GER 366  | Themes in German Literature                             | 4 | SPAN 218 | Latino Heritage I                           | 5 |
| GER 367  | Themes in German Literature                             | 4 | SPAN 228 | Latino Heritage II                          | 5 |
| GER 368  | Themes in German Literature                             | 4 | SPAN 301 | Cultura y Lengua: Identidades Hispanas      | 4 |
| GRK 301  | Authors: [Topic]                                        | 4 | SPAN 303 | Cultura y lengua: expresiones artisticas    | 4 |
| GRK 302  | Authors: [Topic]                                        | 4 | SPAN 305 | Cultura y lengua: cambios sociales          | 4 |
| GRK 303  | Authors: [Topic]                                        | 4 | SPAN 341 | Hispanic Cultures through Literature I      | 4 |
| ICH 201  | Second-Year Ichishki'in                                 | 5 | SPAN 342 | Hispanic Cultures through Literature II     | 4 |
| ICH 202  | Second-Year Ichishki'in                                 | 5 | SPAN 343 | Hispanic Cultures through Literature III    | 4 |
| ICH 203  | Second-Year Ichishki'in                                 | 5 | SPAN 344 | Hispanic Cultures through Literature IV     | 4 |
| ITAL 201 | Second-Year Italian                                     | 4 | SPAN 348 | United States Latino Literature and Culture | 4 |
| ITAL 202 | Second-Year Italian                                     | 4 | SPAN 350 | Introduction to Poetry                      | 4 |
| ITAL 203 | Second-Year Italian                                     | 4 | SPAN 351 | Introduction to Theater                     | 4 |
| ITAL 301 | Cultura e lingua: l'Italia contemporanea                | 4 | SPAN 353 | Introduction to Narrative                   | 4 |
| ITAL 303 | Cultura e lingua: societa, economia, politica           | 4 | SWAH 201 | Second-Year Swahili                         | 5 |
| ITAL 305 | Cultura e lingua: arte, musica, i mass media            | 4 | SWAH 202 | Second-Year Swahili                         | 5 |
| ITAL 306 | La cultura culinaria                                    | 4 | SWAH 203 | Second Year Swahili                         | 5 |
| ITAL 317 | Italian Survey: Medieval and Renaissance                | 4 | SWED 201 | Second-Year Swedish                         | 4 |
|          |                                                         |   | SWED 202 | Second-Year Swedish                         | 4 |
|          |                                                         |   | SWED 203 | Second-Year Swedish                         | 4 |

## Social Science

Social Science (SSC) courses will be liberal in nature rather than being professionally oriented or limited to the performance of professional skills. They will cover a representative cross-section of key issues, perspectives, and modes of analysis employed by scholars working on the subject matter addressed by the course. The subject matter of the course will be relatively broad, e.g., involving more than one issue, place, or time.

| Code     | Title                                                  | Credits |
|----------|--------------------------------------------------------|---------|
| AFR 215  | Introduction to African Studies                        | 4       |
| ANTH 114 | Anthropology of Pirates and Piracy                     | 4       |
| ANTH 119 | Anthropology and Aliens                                | 4       |
| ANTH 150 | World Archaeology                                      | 4       |
| ANTH 161 | Introduction to Cultural Anthropology                  | 4       |
| ANTH 165 | Sexuality and Culture                                  | 4       |
| ANTH 209 | Business Anthropology                                  | 4       |
| ANTH 223 | Anthropology of Chocolate                              | 4       |
| ANTH 311 | Anthropology of Globalization                          | 4       |
| ANTH 315 | Gender, Folklore, Inequality                           | 4       |
| ANTH 320 | Native North Americans                                 | 4       |
| ANTH 322 | Anthropology of the United States                      | 4       |
| ANTH 329 | Immigration and Farmworkers                            | 4       |
| ANTH 330 | Hunters and Gatherers                                  | 4       |
| ANTH 331 | Cultures of India and South Asia                       | 4       |
| ANTH 342 | Archaeology of Egypt and Near East                     | 4       |
| ANTH 343 | Pacific Islands Archaeology                            | 4       |
| ANTH 344 | Oregon Archaeology                                     | 4       |
| ANTH 345 | Archaeology of East Asia                               | 4       |
| ANTH 346 | Archaeology of Southeast Asia                          | 4       |
| ANTH 373 | Psychoactive Substances in Ancient Societies           | 4       |
| BA 101   | Introduction to Business                               | 4       |
| CLAS 188 | Introduction to Classical Archaeology                  | 4       |
| EC 101   | Contemporary Economic Issues                           | 4       |
| EC 201   | Introduction to Economic Analysis: Microeconomics      | 4       |
| EC 202   | Introduction to Economic Analysis: Macroeconomics      | 4       |
| EC 327   | Introduction to Game Theory                            | 4       |
| EC 328   | Behavioral Economics and Its Applications              | 4       |
| EC 330   | Urban and Regional Economic Problems                   | 4       |
| EC 333   | Resource and Environmental Economic Issues             | 4       |
| EC 340   | Issues in Public Economics                             | 4       |
| EC 350   | Labor Market Issues                                    | 4       |
| EC 360   | Issues in Industrial Organization                      | 4       |
| EC 370   | Money and Banking                                      | 4       |
| EC 380   | International Economic Issues                          | 4       |
| EC 390   | Problems and Issues in the Developing Economies        | 4       |
| EDST 111 | Education and Social Change                            | 4       |
| ENVS 201 | Introduction to Environmental Studies: Social Sciences | 4       |

|          |                                               |   |
|----------|-----------------------------------------------|---|
| ENVS 225 | Introduction to Food Studies                  | 4 |
| ENVS 335 | Allocating Scarce Environmental Resources     | 4 |
| ES 101   | Introduction to Ethnic Studies                | 4 |
| ES 250   | Introduction to Black Studies                 | 4 |
| ES 252   | Introduction to Asian American Studies        | 4 |
| ES 254   | Introduction to Chicanx and Latinx Studies    | 4 |
| ES 256   | Introduction to Native American Studies       | 4 |
| ES 258   | Introduction to Pacific Islander Studies      | 4 |
| ES 321   | Indigenous Peoples of Oregon                  | 4 |
| ES 352   | Social Equity and Criminal Justice            | 4 |
| ES 354   | Environmental Racism                          | 4 |
| ES 380   | Race, Migration, and Rights                   | 4 |
| FHS 213  | Issues for Children and Families              | 4 |
| GEOG 142 | Human Geography                               | 4 |
| GEOG 181 | Our Digital Earth                             | 4 |
| GEOG 201 | World Regional Geography                      | 4 |
| GEOG 202 | Geography of Europe                           | 4 |
| GEOG 208 | Geography of the United States and Canada     | 4 |
| GEOG 209 | Geography of the Middle East and North Africa | 4 |
| GEOG 250 | Geographies of Outdoor Adventure              | 4 |
| GEOG 341 | Population and Environment                    | 4 |
| GEOG 342 | Geography of Globalization                    | 4 |
| GEOG 343 | Society, Culture, and Place                   | 4 |
| GEOG 391 | Social Science Inquiry and Research           | 4 |
| GLBL 101 | Introduction to International Issues          | 4 |
| GLBL 102 | Foundations for Intercultural Competence      | 4 |
| GLBL 230 | Global Wellbeing                              | 4 |
| GLBL 240 | Perspectives on International Development     | 4 |
| GLBL 250 | Value Systems in Cross-Cultural Perspective   | 4 |
| GLBL 260 | Culture, Capitalism, and Globalization        | 4 |
| GLBL 270 | Globalization and the Global Economy          | 4 |
| GLBL 280 | Global Environmental Issues and Alternatives  | 4 |
| GLBL 340 | Global Health and Development                 | 4 |
| GLBL 350 | Education and Development                     | 4 |
| GLBL 360 | International Cooperation and Conflict        | 4 |
| GLBL 370 | International Human Rights                    | 4 |
| HC 231H  | Social Science Inquiry: [Topic]               | 4 |
| HC 232H  | Honors College Social Science                 | 4 |
| HC 233H  | Honors College Social Science                 | 4 |
| HIST 102 | Making Modern Europe                          | 4 |
| HIST 103 | Europe and the World                          | 4 |
| HIST 104 | World History                                 | 4 |
| HIST 105 | World History                                 | 4 |
| HIST 106 | World History                                 | 4 |
| HIST 186 | Cultures of India                             | 4 |
| HIST 190 | Foundations of East Asian Civilizations       | 4 |
| HIST 191 | China, Past and Present                       | 4 |
| HIST 192 | Japan, Past and Present                       | 4 |

|          |                                               |   |          |                                                         |   |
|----------|-----------------------------------------------|---|----------|---------------------------------------------------------|---|
| HIST 201 | Inventing America                             | 4 | LAW 301  | Youth and Social Change                                 | 4 |
| HIST 202 | Building the United States                    | 4 | LING 101 | Introduction to Language                                | 4 |
| HIST 203 | American Century                              | 4 | LING 144 | Learning How To Learn Languages                         | 4 |
| HIST 211 | Reacting to the Past                          | 4 | LING 201 | Language and Power in the United States                 | 4 |
| HIST 215 | Food in World History                         | 4 | LING 211 | Languages of the World                                  | 4 |
| HIST 221 | Sex in History                                | 4 | LING 294 | Child Language                                          | 4 |
| HIST 240 | War in the Modern World I                     | 4 | LING 296 | Language and Society in the United States               | 4 |
| HIST 241 | War in the Modern World II                    | 4 | LING 297 | Introduction to Bilingualism                            | 4 |
| HIST 245 | Russia, America, and the World                | 4 | LING 301 | Introduction to Linguistics Analysis                    | 4 |
| HIST 248 | Latinos in the Americas                       | 4 | LING 302 | Introduction to Linguistic Behavior                     | 4 |
| HIST 250 | African American History                      | 4 | LING 312 | Morphosyntax                                            | 4 |
| HIST 251 | African American History                      | 4 | PHIL 123 | Internet, Society, and Philosophy                       | 4 |
| HIST 273 | Introduction to Global Environmental History  | 4 | PHIL 223 | Data Ethics                                             | 4 |
| HIST 286 | Cities in India and South Asia                | 4 | PHIL 307 | Social and Political Philosophy                         | 4 |
| HIST 301 | Modern Europe                                 | 4 | PHIL 309 | Global Justice                                          | 4 |
| HIST 302 | Modern Europe                                 | 4 | PHIL 339 | Introduction to Philosophy of Science                   | 4 |
| HIST 303 | Modern Europe                                 | 4 | PHIL 343 | Critical Theory                                         | 4 |
| HIST 308 | History of Women in the United States I       | 4 | PHIL 344 | Introduction to Philosophy of Law                       | 4 |
| HIST 309 | History of Women in the United States II      | 4 | PPPM 101 | Advocacy and Social Change                              | 4 |
| HIST 317 | Migrants and Refugees in Modern World History | 4 | PPPM 201 | Introduction to Public Policy                           | 4 |
| HIST 320 | High Middle Ages in Europe                    | 4 | PPPM 202 | Healthy Communities                                     | 4 |
| HIST 321 | Late Middle Ages in Europe                    | 4 | PPPM 205 | Introduction to City Planning                           | 4 |
| HIST 325 | Precolonial Africa                            | 4 | PPPM 280 | Introduction to the Nonprofit Sector                    | 4 |
| HIST 326 | Colonial and Postcolonial Africa              | 4 | PPPM 321 | Inclusive Urbanism                                      | 4 |
| HIST 340 | US Military History                           | 4 | PPPM 340 | Climate-Change Policy                                   | 4 |
| HIST 346 | Imperial Russia                               | 4 | PPPM 360 | International Public Policy                             | 4 |
| HIST 347 | Soviet Union and Contemporary Russia          | 4 | PS 102   | Thinking Like a Social Scientist                        | 4 |
| HIST 352 | The United States in the 1960s                | 4 | PS 106   | Power, Politics, and Inequality                         | 4 |
| HIST 361 | Early Modern Science                          | 4 | PS 111   | Introduction to Political Science                       | 4 |
| HIST 362 | History of US Cities                          | 4 | PS 201   | United States Politics                                  | 4 |
| HIST 368 | American West in Popular Culture              | 4 | PS 205   | Introduction to International Relations                 | 4 |
| HIST 378 | American Environmental History to 1890        | 4 | PS 206   | Ethics, Identity, and Power                             | 4 |
| HIST 379 | American Environmental History, 1890-Present  | 4 | PS 210   | Politics of Business                                    | 4 |
| HIST 380 | Latin America                                 | 4 | PS 275   | Legal Process An Introduction to the American Judiciary | 4 |
| HIST 381 | Latin America                                 | 4 | PS 302   | States' Rights and Wrongs                               | 4 |
| HIST 382 | Latin America, 1910 to the Present            | 4 | PS 304   | Democracy, Dictators, and Development                   | 4 |
| HIST 383 | Soccer and Society in Latin America           | 4 | PS 309   | Political Ideologies                                    | 4 |
| HIST 387 | Early China                                   | 4 | PS 310   | Roots of Democracy                                      | 4 |
| HIST 396 | Samurai in Film                               | 4 | PS 311   | Sovereignty and Revolution                              | 4 |
| J 201    | Media and Society                             | 4 | PS 312   | Shadows of Modernity                                    | 4 |
| J 385    | Communication Law                             | 4 | PS 316   | Black Lives Matter and American Democracy               | 4 |
| J 387    | Media History                                 | 4 | PS 319   | The Politics of the Body                                | 4 |
| JDST 330 | American Jewish Cultures                      | 4 | PS 324   | European Politics                                       | 4 |
| LAW 102  | Introduction to Criminal Law                  | 4 | PS 326   | United States Foreign Policy I                          | 4 |
| LAW 104  | Introduction to Business Law                  | 4 | PS 330   | Governments and Politics in Latin America               | 4 |
| LAW 201  | Introduction to Environmental Law and Policy  | 4 | PS 337   | The Politics of Development                             | 4 |
| LAW 202  | Introduction to Public International Law      | 4 | PS 345   | Southeast Asian Politics                                | 4 |
| LAW 203  | Controversies in Constitutional Law           | 4 | PS 347   | Political Power, Influence, and Control                 | 4 |
| LAW 204  | Immigration and Citizenship                   | 4 | PS 349   | Mass Media and American Politics                        | 4 |
|          |                                               |   | PS 352   | Political Parties and Elections                         | 4 |

|           |                                                     |   |
|-----------|-----------------------------------------------------|---|
| PS 367    | Politics, Science, and Climate Change               | 4 |
| PS 371    | United States Congress                              | 4 |
| PS 375    | Race, Politics, and the Law                         | 4 |
| PS 380    | Gender and Politics in Developing Countries         | 4 |
| PS 384    | Nuclear Politics of the Middle East                 | 4 |
| PS 386    | United States Social Movements and Political Change | 4 |
| PS 387    | Russian Politics                                    | 4 |
| PS 390    | American Indian Politics                            | 4 |
| PS 391    | Non-Western Political Theory                        | 4 |
| PSY 202   | Mind and Society                                    | 4 |
| PSY 366   | Culture and Mental Health                           | 4 |
| PSY 380   | Psychology of Gender                                | 4 |
| REL 211   | Early Judaism                                       | 4 |
| REL 302   | Chinese Religions                                   | 4 |
| REL 303   | Japanese Religions                                  | 4 |
| REL 304   | Religions of India                                  | 4 |
| REL 321   | History of Christianity                             | 4 |
| REL 322   | History of Christianity                             | 4 |
| REL 323   | History of Christianity                             | 4 |
| REL 324   | History of Eastern Christianity                     | 4 |
| REL 325   | History of Eastern Christianity                     | 4 |
| SBUS 250  | Sports Business and Society                         | 4 |
| SBUS 250N | Sports Business and Society                         | 4 |
| SOC 204   | Introduction to Sociology                           | 4 |
| SOC 207   | Social Inequality                                   | 4 |
| SOC 301   | American Society                                    | 4 |
| SOC 304   | Community, Environment, and Society                 | 4 |
| SOC 313   | Social Issues and Movements                         | 4 |
| SOC 317   | Sociology of the Mass Media                         | 4 |
| SOC 328   | Self and Society                                    | 4 |
| SOC 345   | Race and Ethnicity                                  | 4 |
| SOC 346   | Work and Occupations                                | 4 |
| SOC 355   | Sociology of Gender                                 | 4 |
| SOC 380   | Introduction: Deviance, Control, and Crime          | 4 |
| SPAN 238  | Spanish Around the World                            | 4 |
| SPAN 308  | Cultura y lengua: comunidades bilingües             | 4 |
| WGS 101   | Introduction to Women's and Gender Studies          | 4 |
| WGS 221   | Bodies and Power                                    | 4 |
| WGS 251   | Transnational and Indigenous Feminisms              | 4 |
| WGS 303   | Women and Gender in American History                | 4 |
| WGS 315   | History and Development of Feminist Theory          | 4 |
| WGS 321   | Feminist Perspectives: Identity, Race, Culture      | 4 |
| WGS 341   | Women, Work, and Class                              | 4 |
| WGS 351   | Decolonial Feminisms                                | 4 |

## Science

Science (SC) area-satisfying courses will introduce students to the foundations of one or more scientific disciplines, or should provide an

introduction to fundamental methods (such as mathematics) that are widely used in scientific disciplines. Courses will introduce students to the process of scientific reasoning.

Courses that count towards either the Science Area or the Bachelor of Science can be found listed at the bottom of this page. Click here to see that list. (p. 52)

| Code     | Title                                                | Credits |
|----------|------------------------------------------------------|---------|
| ANTH 110 | Introduction to Traditional Ecological Knowledge     | 4       |
| ANTH 145 | Principles of Archaeology                            | 4       |
| ANTH 163 | Origins of Storytelling                              | 4       |
| ANTH 170 | Introduction to Human Origins                        | 4       |
| ANTH 171 | Introduction to Monkeys and Apes                     | 4       |
| ANTH 173 | Evolution of Human Sexuality                         | 4       |
| ANTH 175 | Evolutionary Medicine                                | 4       |
| ANTH 176 | Introduction to Forensic Anthropology                | 4       |
| ANTH 220 | Introduction to Nutritional Anthropology             | 4       |
| ANTH 225 | Evolution of Play                                    | 4       |
| ANTH 248 | Archaeology of Wild Foods                            | 4       |
| ANTH 255 | Atlantis, Aliens, and Archaeology                    | 4       |
| ANTH 260 | Domestic Animals                                     | 4       |
| ANTH 270 | Introduction to Biological Anthropology              | 4       |
| ANTH 274 | Animals and People                                   | 4       |
| ANTH 278 | Science, Race, and Society                           | 4       |
| ANTH 332 | Human Attraction and Mating Strategies               | 4       |
| ANTH 340 | Fundamentals of Archaeology                          | 4       |
| ANTH 341 | Food Origins                                         | 4       |
| ANTH 349 | Origins of Art                                       | 4       |
| ANTH 361 | Human Evolution                                      | 4       |
| ANTH 362 | Human Biological Variation                           | 4       |
| ANTH 369 | Human Growth and Development                         | 4       |
| ANTH 376 | Decoding Your Genome                                 | 4       |
| ASTR 121 | The Solar System                                     | 4       |
| ASTR 122 | Birth and Death of Stars                             | 4       |
| ASTR 123 | Galaxies and the Expanding Universe                  | 4       |
| BI 121   | Introduction to Human Physiology                     | 4       |
| BI 122   | Introduction to Human Genetics                       | 4       |
| BI 123   | Biology of Cancer                                    | 4       |
| BI 130   | Introduction to Ecology                              | 4       |
| BI 132   | Introduction to Animal Behavior                      | 4       |
| BI 140   | Science, Policy, and Biology                         | 4       |
| BI 150   | Ocean Planet                                         | 4       |
| BI 170   | Happiness: a Neuroscience and Psychology Perspective | 4       |
| BI 211   | General Biology I: Cells                             | 5       |
| BI 212   | General Biology II: Organisms                        | 5       |
| BI 213   | General Biology III: Ecology and Evolution           | 5       |
| BI 214   | General Biology IV: Biochemistry and Genetics        | 5       |
| BI 281H  | Honors Biology I: Cells, Biochemistry and Physiology | 5       |
| BI 282H  | Honors Biology II: Genetics and Molecular Biology    | 5       |

|           |                                                         |   |
|-----------|---------------------------------------------------------|---|
| BI 283H   | Honors Biology III: Evolution, Diversity and Ecology    | 5 |
| BI 307    | Forest Biology                                          | 4 |
| BI 357    | Marine Biology                                          | 4 |
| CH 111    | Introduction to Chemical Principles                     | 4 |
| CH 113    | The Chemistry of Sustainability                         | 4 |
| CH 221    | General Chemistry I                                     | 4 |
| CH 222    | General Chemistry II                                    | 4 |
| CH 223    | General Chemistry III                                   | 4 |
| CH 224H   | Advanced General Chemistry I                            | 4 |
| CH 225H   | Advanced General Chemistry II                           | 4 |
| CH 226H   | Advanced General Chemistry III                          | 4 |
| CS 102    | Fundamentals of Computer and Information Security       | 4 |
| CS 110    | Fluency with Information Technology                     | 4 |
| DAN 260   | Anatomy of Human Movement                               | 4 |
| DSCI 101  | Foundations of Data Science I                           | 4 |
| ENVS 202  | Introduction to Environmental Studies: Natural Sciences | 4 |
| ERTH 101  | Exploring Planet Earth                                  | 4 |
| ERTH 102  | Exploring Earth's Environment                           | 4 |
| ERTH 103  | Exploring Earth History                                 | 4 |
| ERTH 110  | People, Rocks, and Fire                                 | 4 |
| ERTH 137  | Mountains and Glaciers                                  | 4 |
| ERTH 156M | Scientific Revolutions                                  | 4 |
| ERTH 201  | Dynamic Planet Earth                                    | 4 |
| ERTH 202  | Earth's Surface and Environment                         | 4 |
| ERTH 203  | History of Life                                         | 4 |
| ERTH 213  | Geology of National Parks                               | 4 |
| ERTH 304  | The Fossil Record                                       | 4 |
| ERTH 305  | Dinosaurs                                               | 4 |
| ERTH 306  | Volcanoes and Earthquakes                               | 4 |
| ERTH 307  | Oceanography                                            | 4 |
| ERTH 308  | Geology of Oregon and the Pacific Northwest             | 4 |
| ERTH 310  | Earth Resources and the Environment                     | 4 |
| ERTH 337  | Introduction to Physical Oceanography                   | 4 |
| ERTH 353  | Geologic Hazards                                        | 4 |
| GEOG 141  | The Natural Environment                                 | 4 |
| GEOG 321  | Climatology                                             | 4 |
| GEOG 322  | Geomorphology                                           | 4 |
| GEOG 323  | Biogeography                                            | 4 |
| GEOG 360  | Watershed Science and Policy                            | 4 |
| GEOG 361  | Global Environmental Change                             | 4 |
| HC 241H   | Scientific Inquiry: [Topic]                             | 4 |
| HPHY 105  | Principles of Nutrition                                 | 4 |
| HPHY 212  | Scientific Investigation in Physiology                  | 4 |
| PHYS 101  | Essentials of Physics                                   | 4 |
| PHYS 152  | Physics of Sound and Music                              | 4 |
| PHYS 153  | Physics of Light, Color, and Vision                     | 4 |
| PHYS 155  | Physics behind the Internet                             | 4 |
| PHYS 156M | Scientific Revolutions                                  | 4 |
| PHYS 161  | Physics of Energy and Environment                       | 4 |

|          |                                    |   |
|----------|------------------------------------|---|
| PHYS 162 | Solar and Other Renewable Energies | 4 |
| PHYS 171 | The Physics of Life                | 4 |
| PHYS 181 | Quantum Mechanics for Everyone     | 4 |
| PHYS 201 | General Physics                    | 4 |
| PHYS 202 | General Physics                    | 4 |
| PHYS 203 | General Physics                    | 4 |
| PHYS 251 | Foundations of Physics I           | 4 |
| PHYS 252 | Foundations of Physics I           | 4 |
| PHYS 253 | Foundations of Physics I           | 4 |
| PSY 201  | Mind and Brain                     | 4 |
| PSY 301  | Scientific Thinking in Psychology  | 4 |
| PSY 348  | Music and the Brain                | 4 |

## Bachelor of Science Mathematics and Science Area Requirements

*Courses that are used to demonstrate proficiency in mathematics or in computer science or in a combination of the two for the bachelor of science degree may not also be used to fulfill the science area requirement.*

| Code      | Title                                           | Credits |
|-----------|-------------------------------------------------|---------|
| CS 111    | Introduction to Web Programming                 | 4       |
| CS 122    | Introduction to Programming and Problem Solving | 4       |
| CS 210    | Computer Science I                              | 4       |
| CS 211    | Computer Science II                             | 4       |
| CS 212    | Computer Science III                            | 4       |
| MATH 105Z | Math in Society                                 | 4       |
| MATH 106  | University Mathematics II                       | 4       |
| MATH 107  | University Mathematics III                      | 4       |
| MATH 211  | Fundamentals of Elementary Mathematics I        | 4       |
| MATH 212  | Fundamentals of Elementary Mathematics II       | 4       |
| MATH 213  | Fundamentals of Elementary Mathematics III      | 4       |
| MATH 231  | Elements of Discrete Mathematics I              | 4       |
| MATH 232  | Elements of Discrete Mathematics II             | 4       |
| MATH 241  | Calculus for Business and Social Science I      | 4       |
| MATH 242  | Calculus for Business and Social Science II     | 4       |
| MATH 246  | Calculus for the Biological Sciences I          | 4       |
| MATH 247  | Calculus for the Biological Sciences II         | 4       |
| MATH 251  | Calculus I                                      | 4       |
| MATH 252  | Calculus II                                     | 4       |
| MATH 253  | Calculus III                                    | 4       |
| MATH 261  | Calculus with Theory I                          | 4       |
| MATH 262  | Calculus with Theory II                         | 4       |
| MATH 263  | Calculus with Theory III                        | 4       |
| MATH 307  | Introduction to Proof                           | 4       |
| MATH 343  | Statistical Models and Methods                  | 4       |
| STAT 243Z | Elementary Statistics I                         | 4       |



## United States: Difference, Inequality, and Agency

These courses fulfill the *United States: Difference, Inequality, and Agency* category of the Cultural Literacy Core Education requirement, a requirement informed by UO student activism. It is meant to develop students' analytical and reflective capacities to help them understand and ethically engage with the ongoing (cultural, economic, political, social, etc.) power imbalances that have shaped and continue to shape the United States. In addition to considering the scholarship, cultural production, perspectives, and voices from members of historically marginalized communities, students in DIA courses:

1. **Inquire** into intersecting aspects of identity such as race, gender, gender identity, sexuality, socioeconomic status, indigeneity, national origin, religion, or ability;
2. **Analyze** uses of power to marginalize on the basis of identity, as well as the assertions of agency, resistance, and resilience by marginalized groups; and
3. **Examine** historical and contemporary structures, forms of knowledge, cultural practices, or ideologies that perpetuate or change the distribution of power in society.

and undertake one or more of the following:

- **Reflect** on one's own multiple social identifications and on how they are formed and located in relation to power.
- **Practice respectful listening and ethical dialogue** around deeply felt or controversial issues.

| Code     | Title                                          | Credits |
|----------|------------------------------------------------|---------|
| ANTH 248 | Archaeology of Wild Foods                      | 4       |
| ANTH 278 | Science, Race, and Society                     | 4       |
| ANTH 320 | Native North Americans                         | 4       |
| ANTH 322 | Anthropology of the United States              | 4       |
| ANTH 329 | Immigration and Farmworkers                    | 4       |
| ANTH 344 | Oregon Archaeology                             | 4       |
| ANTH 425 | Migrant, Citizen, Refugee                      | 4       |
| ANTH 442 | Northwest Coast Archaeology                    | 4       |
| ANTH 443 | North American Archaeology                     | 4       |
| ARH 354  | Contemporary Art                               | 4       |
| ARH 373  | 20th Century Latin American Art                | 4       |
| ASL 301  | American Deaf Culture                          | 4       |
| BEHT 350 | Diversity Equity and Inclusion Theory I        | 3       |
| BLST 141 | Writing in Black: [Topic]                      | 4       |
| CDS 201  | Communication Disorders in Society and Media   | 4       |
| COLT 213 | United States Culture in Comparative Contexts  | 4       |
| COLT 390 | Comparing Identities, Agencies and Differences | 4       |
| EC 330   | Urban and Regional Economic Problems           | 4       |
| EC 430   | Urban and Regional Economics                   | 4       |
| EDST 225 | School and Representation in Media             | 4       |
| ENG 240  | Introduction to Disability Studies             | 4       |
| ENG 241  | Introduction to African American Literature    | 4       |
| ENG 242  | Introduction to Asian American Literature      | 4       |

|          |                                                              |   |
|----------|--------------------------------------------------------------|---|
| ENG 243  | Introduction to Chicano and Latino Literature                | 4 |
| ENG 244  | Introduction to Native American Literature                   | 4 |
| ENG 316  | Women Writers' Forms: [Topic]                                | 4 |
| ENG 360  | African American Writers                                     | 4 |
| ENG 361  | Native American Writers                                      | 4 |
| ENG 363  | Chicano and Latino Writers                                   | 4 |
| ENG 386  | Bodies in Comics                                             | 4 |
| ENG 496  | Feminist Film Criticism: [Topic]                             | 4 |
| ES 101   | Introduction to Ethnic Studies                               | 4 |
| ES 250   | Introduction to Black Studies                                | 4 |
| ES 252   | Introduction to Asian American Studies                       | 4 |
| ES 254   | Introduction to Chicanx and Latinx Studies                   | 4 |
| ES 256   | Introduction to Native American Studies                      | 4 |
| ES 258   | Introduction to Pacific Islander Studies                     | 4 |
| ES 310   | Race and Popular Culture: [Topic]                            | 4 |
| ES 321   | Indigenous Peoples of Oregon                                 | 4 |
| ES 330   | Women of Color: Issues and Concerns                          | 4 |
| ES 350   | Native Americans and the Environment                         | 4 |
| ES 352   | Social Equity and Criminal Justice                           | 4 |
| ES 354   | Environmental Racism                                         | 4 |
| ES 360   | Black Sexual Politics                                        | 4 |
| ES 370   | Race, Ethnicity, and Cinema: [Topic]                         | 4 |
| ES 380   | Race, Migration, and Rights                                  | 4 |
| ES 440   | Race, Literature, and Culture: [Topic]                       | 4 |
| ES 456   | History of Native American Education                         | 4 |
| ES 464   | Relational Studies of Indigeneity, Race and Culture: [Topic] | 4 |
| ES 465   | Feminist Theories of Race: [Topic]                           | 4 |
| ES 466   | Native American Ethnohistory                                 | 4 |
| ES 468   | Indigenous Research Methods and Ethics                       | 4 |
| ES 470   | Native American and Indigenous Feminisms                     | 4 |
| FHS 216  | Diversity in Human Services                                  | 4 |
| FLR 250  | Introduction to Folklore                                     | 4 |
| FLR 255  | Folklore and United States Popular Culture                   | 4 |
| GEOG 208 | Geography of the United States and Canada                    | 4 |
| GEOG 471 | North American Historical Landscapes                         | 4 |
| HC 444H  | HC US: Difference, Inequality, Agency Colloquium: [Topic]    | 4 |
| HIST 201 | Inventing America                                            | 4 |
| HIST 202 | Building the United States                                   | 4 |
| HIST 203 | American Century                                             | 4 |
| HIST 248 | Latinos in the Americas                                      | 4 |
| HIST 250 | African American History                                     | 4 |
| HIST 251 | African American History                                     | 4 |
| HIST 308 | History of Women in the United States I                      | 4 |
| HIST 309 | History of Women in the United States II                     | 4 |
| HIST 351 | American Radicalism                                          | 4 |
| HIST 362 | History of US Cities                                         | 4 |
| HIST 368 | American West in Popular Culture                             | 4 |
| HIST 378 | American Environmental History to 1890                       | 4 |

|          |                                                     |   |
|----------|-----------------------------------------------------|---|
| HIST 379 | American Environmental History, 1890-Present        | 4 |
| HIST 388 | Vietnam War and the United States                   | 4 |
| HIST 449 | Race and Ethnicity in the American West             | 4 |
| HIST 455 | Colonial American History                           | 4 |
| HIST 469 | American Indian History: [Topic]                    | 4 |
| ITAL 252 | The Italian-American Experience                     | 4 |
| J 320    | Gender, Media, and Diversity                        | 4 |
| JDST 213 | The Jewish Encounter with Modernity                 | 4 |
| JDST 330 | American Jewish Cultures                            | 4 |
| JDST 353 | Jewish Image and Media                              | 4 |
| LAW 204  | Immigration and Citizenship                         | 4 |
| LAW 301  | Youth and Social Change                             | 4 |
| LING 201 | Language and Power in the United States             | 4 |
| LING 296 | Language and Society in the United States           | 4 |
| LING 297 | Introduction to Bilingualism                        | 4 |
| MUJ 350  | History of Jazz, 1900–1950                          | 4 |
| MUJ 351  | History of Jazz, 1940 to Present                    | 4 |
| MUS 141  | Popular Piano and Musicianship I                    | 4 |
| MUS 151  | Popular Songwriting                                 | 4 |
| MUS 263  | US Popular Music 1800 to 1930                       | 4 |
| MUS 264  | US Popular Music 1930 to 1965                       | 4 |
| MUS 265  | US Popular Music 1965 to 2000                       | 4 |
| MUS 270  | History of the Blues                                | 4 |
| MUS 281  | Music of the Woodstock Generation                   | 4 |
| MUS 359  | Music of the Americas                               | 4 |
| MUS 360  | Hip-Hop Music: History, Culture, Aesthetics         | 4 |
| PHIL 102 | Ethics                                              | 4 |
| PHIL 216 | Philosophy and Cultural Diversity                   | 4 |
| PHIL 315 | Introduction to Feminist Philosophy                 | 4 |
| PHIL 452 | Philosophy and Race                                 | 4 |
| PPPM 101 | Advocacy and Social Change                          | 4 |
| PPPM 201 | Introduction to Public Policy                       | 4 |
| PPPM 202 | Healthy Communities                                 | 4 |
| PPPM 250 | Arts and Human Values                               | 4 |
| PPPM 321 | Inclusive Urbanism                                  | 4 |
| PS 106   | Power, Politics, and Inequality                     | 4 |
| PS 206   | Ethics, Identity, and Power                         | 4 |
| PS 316   | Black Lives Matter and American Democracy           | 4 |
| PS 319   | The Politics of the Body                            | 4 |
| PS 348   | Women and Politics                                  | 4 |
| PS 368   | Gender in the Law                                   | 4 |
| PS 372   | Music and Politics                                  | 4 |
| PS 375   | Race, Politics, and the Law                         | 4 |
| PS 386   | United States Social Movements and Political Change | 4 |
| PS 390   | American Indian Politics                            | 4 |
| PS 449   | Racial Politics in the United States                | 4 |
| PSY 306  | Social Psychology                                   | 4 |
| PSY 380  | Psychology of Gender                                | 4 |
| SOC 204  | Introduction to Sociology                           | 4 |
| SOC 207  | Social Inequality                                   | 4 |

|          |                                                |   |
|----------|------------------------------------------------|---|
| SOC 301  | American Society                               | 4 |
| SOC 345  | Race and Ethnicity                             | 4 |
| SOC 355  | Sociology of Gender                            | 4 |
| SOC 445  | Sociology of Race and Ethnicity: [Topic]       | 4 |
| SOC 455  | Issues in Sociology of Gender: [Topic]         | 4 |
| SOC 456  | Feminist Theory                                | 4 |
| SPAN 218 | Latino Heritage I                              | 5 |
| SPAN 348 | United States Latino Literature and Culture    | 4 |
| SPED 418 | Disrupting the School to Prison Pipeline       | 3 |
| TA 472   | Multicultural Theater: [Topic]                 | 4 |
| WGS 101  | Introduction to Women's and Gender Studies     | 4 |
| WGS 201  | Introduction to Queer Studies                  | 4 |
| WGS 221  | Bodies and Power                               | 4 |
| WGS 250  | Gender, Literature, and Culture                | 4 |
| WGS 261  | Gender and Popular Culture                     | 4 |
| WGS 311  | Black Feminist Theories                        | 4 |
| WGS 321  | Feminist Perspectives: Identity, Race, Culture | 4 |
| WGS 350  | Literature as Feminist Theory                  | 4 |

## Global Perspectives

These courses fulfill the *Global Perspectives* category of the Cultural Literacy Core Education requirement. A Global Perspectives course aims to foster student encounter with and critical reflection upon cultures, identities, and ways of being in global contexts beyond the United States.

Students will consider substantial scholarship, cultural production, perspectives, and voices from members of communities under study, as sources permit. In Global Perspectives courses, students will do one or more of the following:

1. **Engage** texts, literature, art testimonies, practices, or other cultural products that reflect systems of meaning or beliefs beyond the U.S. context;
2. **Analyze** power relations involving different nations, peoples, and identity groups or world regions;
3. **Examine** hierarchy, marginality, or discrimination based on race, ethnicity, gender, gender identity, religion, sexuality, nationality, or ability (or some combination of these).

and undertake one or more of the following:

- **Discuss** possibly unfamiliar topics using critical vocabulary and concepts.
- **Practice respectful listening and civil dialogue** around controversial issues.

| Code     | Title                                            | Credits |
|----------|--------------------------------------------------|---------|
| AFR 215  | Introduction to African Studies                  | 4       |
| ANTH 110 | Introduction to Traditional Ecological Knowledge | 4       |
| ANTH 114 | Anthropology of Pirates and Piracy               | 4       |
| ANTH 150 | World Archaeology                                | 4       |
| ANTH 161 | Introduction to Cultural Anthropology            | 4       |
| ANTH 163 | Origins of Storytelling                          | 4       |
| ANTH 165 | Sexuality and Culture                            | 4       |
| ANTH 173 | Evolution of Human Sexuality                     | 4       |

|          |                                            |   |           |                                                        |   |
|----------|--------------------------------------------|---|-----------|--------------------------------------------------------|---|
| ANTH 209 | Business Anthropology                      | 4 | CHN 203   | Second-Year Chinese                                    | 5 |
| ANTH 220 | Introduction to Nutritional Anthropology   | 4 | CHN 204   | Accelerated Second-Year Chinese I                      | 5 |
| ANTH 223 | Anthropology of Chocolate                  | 4 | CHN 205   | Accelerated Second-Year Chinese II                     | 5 |
| ANTH 225 | Evolution of Play                          | 4 | CHN 206   | Accelerated Second-Year Chinese III                    | 5 |
| ANTH 274 | Animals and People                         | 4 | CHN 305   | History of Chinese Literature                          | 4 |
| ANTH 311 | Anthropology of Globalization              | 4 | CHN 306   | History of Chinese Literature II, The Imperial Age     | 4 |
| ANTH 315 | Gender, Folklore, Inequality               | 4 | CHN 307   | History of Chinese Literature                          | 4 |
| ANTH 330 | Hunters and Gatherers                      | 4 | CHN 308   | Literature of Modern Taiwan                            | 4 |
| ANTH 331 | Cultures of India and South Asia           | 4 | CHN 350   | Gender and Sexuality in Traditional Chinese Literature | 4 |
| ANTH 342 | Archaeology of Egypt and Near East         | 4 | CHN 351   | Gender and Sexuality in Modern Chinese Literature      | 4 |
| ANTH 343 | Pacific Islands Archaeology                | 4 | CHN 452   | Chinese Film and Theory                                | 4 |
| ANTH 346 | Archaeology of Southeast Asia              | 4 | CINE 151M | Introduction to Korean Cinema                          | 4 |
| ANTH 349 | Origins of Art                             | 4 | CINE 350  | Queer European Cinema                                  | 4 |
| ANTH 362 | Human Biological Variation                 | 4 | CINE 362M | Contemporary Korean Film                               | 4 |
| ANTH 413 | Culture and Psychology                     | 4 | CINE 381M | Film, Media, and Culture                               | 4 |
| ANTH 420 | Culture, Illness, and Healing              | 4 | CLAS 110  | Classical Mythology                                    | 4 |
| ANTH 429 | Jewish Folklore and Ethnology              | 4 | CLAS 201  | Greek Life and Culture                                 | 4 |
| ANTH 430 | Balkan Society and Folklore                | 4 | CLAS 310  | Early China, Ancient Greece                            | 4 |
| ANTH 434 | Native South Americans                     | 4 | CLAS 311  | Death and Rebirth in Greece and India                  | 4 |
| ANTH 448 | Gender and Archaeology                     | 4 | CLAS 314  | Gender and Sexuality in Antiquity                      | 4 |
| ARB 301  | Language and Culture I                     | 4 | COLT 101  | Introduction to Comparative Literature                 | 4 |
| ARB 302  | Language and Culture II                    | 4 | COLT 102  | Introduction to Comparative Literature                 | 4 |
| ARB 303  | Language and Culture III                   | 4 | COLT 103  | Introduction to Comparative Literature                 | 4 |
| ARB 353  | Arab Cinema                                | 4 | COLT 211  | Comparative World Literature                           | 4 |
| ARH 208  | History of Chinese Art                     | 4 | COLT 212  | Comparative World Cinema                               | 4 |
| ARH 209  | History of Japanese Art                    | 4 | COLT 231  | Literature and Society                                 | 4 |
| ARH 210  | Contemporary Asian Art and Architecture    | 4 | COLT 232  | Literature and Film                                    | 4 |
| ARH 211  | Survey of Latin American Arts              | 4 | COLT 301  | Approaches to Comparative Literature                   | 4 |
| ARH 314  | History of World Architecture I            | 4 | COLT 305  | Cultural Studies                                       | 4 |
| ARH 315  | History of World Architecture II           | 4 | COLT 360  | Gender and Identity in Literature                      | 4 |
| ARH 321  | Ancient Jewish Art                         | 4 | COLT 370  | Comparative Comics                                     | 4 |
| ARH 322  | Ancient Greek Art & Architecture           | 4 | DAN 301   | African Dance Aesthetics                               | 4 |
| ARH 325  | Islamic Art & Architecture                 | 4 | EALL 209  | Languages and Societies in East Asia                   | 4 |
| ARH 350  | History of Manga                           | 4 | EALL 211  | Japan: A Cultural Odyssey                              | 4 |
| ARH 368  | Arts and Visual Cultures of Climate Change | 4 | EC 390    | Problems and Issues in the Developing Economies        | 4 |
| ARH 372  | Arts of Colonial Latin America             | 4 | EC 490    | Economic Growth and Development                        | 4 |
| ARH 382  | Arts of the Silk Road                      | 4 | ENG 107   | World Literature                                       | 4 |
| ARH 387  | Chinese Buddhist Art                       | 4 | ENG 108   | World Literature                                       | 4 |
| ARH 421  | Ancient Mediterranean Art: [Topic]         | 4 | ENG 340   | Jewish Writers                                         | 4 |
| ARH 481  | Chinese Art: [Topic]                       | 4 | ENG 365   | Global Literatures in English                          | 4 |
| ARH 485  | Japanese Art: [Topic]                      | 4 | ENG 381M  | Film, Media, and Culture                               | 4 |
| ARH 488  | Japanese Prints                            | 4 | ENVS 225  | Introduction to Food Studies                           | 4 |
| ASIA 111 | Great Books on Modern Asia                 | 4 | FLR 225   | Voices of Africa                                       | 4 |
| ASIA 350 | What Is Asia: Theoretical Debates          | 4 | FLR 411   | Folklore and Religion                                  | 4 |
| ASIA 425 | Asian Foodways                             | 4 | FR 150    | Cultural Legacies of France                            | 4 |
| BA 252   | Global Perspectives in Business            | 4 | FR 301    | La France contemporaine                                | 4 |
| BI 309   | Tropical Diseases in Africa                | 4 | FR 302    | Culture et langage: Le monde francophone contemporain  | 4 |
| CHN 150  | Introduction to Chinese Narrative          | 4 | FR 312    | French Survey: Francophone Literature                  | 4 |
| CHN 151  | Introduction to Chinese Film               | 4 |           |                                                        |   |
| CHN 152  | Introduction to Chinese Popular Culture    | 4 |           |                                                        |   |
| CHN 201  | Second-Year Chinese                        | 5 |           |                                                        |   |
| CHN 202  | Second-Year Chinese                        | 5 |           |                                                        |   |

|          |                                                        |   |          |                                                        |   |
|----------|--------------------------------------------------------|---|----------|--------------------------------------------------------|---|
| FR 361   | French Cinema for Nonmajors                            | 4 | GLBL 444 | Development and Social Change in Southeast Asia        | 4 |
| FR 362   | French Film                                            | 4 | GLBL 445 | Development and Social Change in Sub-Saharan Africa    | 4 |
| GEOG 142 | Human Geography                                        | 4 | HC 434H  | Honors College Global Perspectives Colloquium: [Topic] | 4 |
| GEOG 201 | World Regional Geography                               | 4 | HIST 104 | World History                                          | 4 |
| GEOG 202 | Geography of Europe                                    | 4 | HIST 105 | World History                                          | 4 |
| GEOG 209 | Geography of the Middle East and North Africa          | 4 | HIST 106 | World History                                          | 4 |
| GEOG 341 | Population and Environment                             | 4 | HIST 186 | Cultures of India                                      | 4 |
| GEOG 343 | Society, Culture, and Place                            | 4 | HIST 190 | Foundations of East Asian Civilizations                | 4 |
| GEOG 441 | Political Geography                                    | 4 | HIST 191 | China, Past and Present                                | 4 |
| GEOG 444 | Cultural Geography                                     | 4 | HIST 192 | Japan, Past and Present                                | 4 |
| GEOG 465 | Environment and Development                            | 4 | HIST 215 | Food in World History                                  | 4 |
| GER 202  | Second-Year German II                                  | 4 | HIST 221 | Sex in History                                         | 4 |
| GER 203  | Second-Year German III                                 | 4 | HIST 273 | Introduction to Global Environmental History           | 4 |
| GER 220M | From Kierkegaard to Kafka                              | 4 | HIST 286 | Cities in India and South Asia                         | 4 |
| GER 221  | Postwar Germany: Nation Divided                        | 4 | HIST 317 | Migrants and Refugees in Modern World History          | 4 |
| GER 222  | Voices of Dissent in Germany                           | 4 | HIST 325 | Precolonial Africa                                     | 4 |
| GER 223  | Germany: A Multicultural Society                       | 4 | HIST 326 | Colonial and Postcolonial Africa                       | 4 |
| GER 250  | The Culture of Money                                   | 4 | HIST 346 | Imperial Russia                                        | 4 |
| GER 251  | Sexuality                                              | 4 | HIST 347 | Soviet Union and Contemporary Russia                   | 4 |
| GER 252  | War, Violence, Trauma                                  | 4 | HIST 380 | Latin America                                          | 4 |
| GER 280M | The Quality of Life in Germany and Scandinavia         | 4 | HIST 381 | Latin America                                          | 4 |
| GER 345M | Food, Culture, and Identity in Germany and Scandinavia | 4 | HIST 382 | Latin America, 1910 to the Present                     | 4 |
| GER 351  | Diversity in Germany                                   | 4 | HIST 383 | Soccer and Society in Latin America                    | 4 |
| GER 354  | German Gender Studies                                  | 4 | HIST 386 | India                                                  | 4 |
| GER 355  | German Cinema: History, Theory, Practice               | 4 | HIST 387 | Early China                                            | 4 |
| GER 356  | German Fairy Tales                                     | 4 | HIST 396 | Samurai in Film                                        | 4 |
| GER 357  | Nature, Culture, and the Environment                   | 4 | HIST 414 | Ancient Rome: [Topic]                                  | 4 |
| GLBL 101 | Introduction to International Issues                   | 4 | HIST 415 | Advanced World History: [Topic]                        | 4 |
| GLBL 102 | Foundations for Intercultural Competence               | 4 | HIST 416 | Advanced Women's History: [Topic]                      | 4 |
| GLBL 230 | Global Wellbeing                                       | 4 | HIST 417 | Society and Culture in Modern Africa: [Topic]          | 4 |
| GLBL 240 | Perspectives on International Development              | 4 | HIST 444 | The Holocaust                                          | 4 |
| GLBL 250 | Value Systems in Cross-Cultural Perspective            | 4 | HIST 446 | Modern Russia: [Topic]                                 | 4 |
| GLBL 260 | Culture, Capitalism, and Globalization                 | 4 | HIST 483 | Latin America: [Topic]                                 | 4 |
| GLBL 270 | Globalization and the Global Economy                   | 4 | HIST 487 | China: [Topic]                                         | 4 |
| GLBL 323 | Islam and Global Forces                                | 4 | HIST 490 | Japan: [Topic]                                         | 4 |
| GLBL 340 | Global Health and Development                          | 4 | HIST 491 | Medicine and Society in Premodern Japan                | 4 |
| GLBL 345 | Africa Today: Issues and Concerns                      | 4 | HIST 497 | Culture, Modernity, and Revolution in China: [Topic]   | 4 |
| GLBL 350 | Education and Development                              | 4 | HIST 498 | Early Japanese Culture and Society: [Topic]            | 4 |
| GLBL 360 | International Cooperation and Conflict                 | 4 | ITAL 150 | Cultural Legacies of Italy                             | 4 |
| GLBL 370 | International Human Rights                             | 4 | ITAL 152 | Desire and Resistance: Italian Cinema                  | 4 |
| GLBL 415 | The Global Story of Race                               | 4 | ITAL 301 | Cultura e lingua: l'Italia contemporanea               | 4 |
| GLBL 421 | Gender and International Development                   | 4 | ITAL 303 | Cultura e lingua: societa, economia, politica          | 4 |
| GLBL 423 | Development and the Muslim World                       | 4 | ITAL 305 | Cultura e lingua: arte, musica, i mass media           | 4 |
| GLBL 431 | Cross-Cultural Communication                           | 4 | ITAL 306 | La cultura culinaria                                   | 4 |
| GLBL 432 | Indigenous Cultural Survival                           | 4 | ITAL 350 | Global Histories of Italian Food                       | 4 |
| GLBL 433 | Childhood in Cross-Cultural Perspective                | 4 |          |                                                        |   |
| GLBL 442 | South Asia: Development and Social Change              | 4 |          |                                                        |   |

|          |                                             |   |           |                                                        |   |
|----------|---------------------------------------------|---|-----------|--------------------------------------------------------|---|
| JDST 212 | Medieval and Early Modern Judaism           | 4 | REL 102   | World Religions: Near Eastern Traditions               | 4 |
| JPN 250  | Manga Millennium                            | 4 | REL 211   | Early Judaism                                          | 4 |
| JPN 305  | Introduction to Japanese Literature         | 4 | REL 233   | Introduction to Islam                                  | 4 |
| JPN 306  | Introduction to Japanese Literature         | 4 | REL 302   | Chinese Religions                                      | 4 |
| JPN 307  | Introduction to Japanese Literature         | 4 | REL 303   | Japanese Religions                                     | 4 |
| JPN 315  | Introduction to Japanese Linguistics        | 4 | REL 304   | Religions of India                                     | 4 |
| JPN 425  | Modern Japanese Literature: [Topic]         | 4 | REL 335   | Introduction to the Qur'an                             | 4 |
| JPN 437  | Classical Japanese Literary Language        | 4 | REL 353   | Dark Self, East and West                               | 4 |
| JPN 471  | The Japanese Cinema                         | 4 | REL 355   | Mysticism                                              | 4 |
| KRN 151M | Introduction to Korean Cinema               | 4 | REL 357   | War, Terrorism, and Religion                           | 4 |
| KRN 309  | Languages and Cultural Formation in Korea   | 4 | REL 440   | Readings in Buddhist Scriptures                        | 4 |
| KRN 315  | Introduction to Korean Linguistics          | 4 | RL 151    | Mediterranean Foodways                                 | 4 |
| KRN 361  | Korean Popular Culture and Transnationalism | 4 | RL 152    | Feminist Lens: Italian and French Cinema               | 4 |
| KRN 362M | Contemporary Korean Film                    | 4 | RUSS 204  | Introduction to Russian Literature                     | 4 |
| LAS 200  | Introduction to Latin American Studies      | 4 | RUSS 205  | Introduction to Russian Literature                     | 4 |
| LAS 211  | Latin American Humanities: [Topic]          | 4 | RUSS 206  | Introduction to Russian Literature                     | 4 |
| LING 211 | Languages of the World                      | 4 | RUSS 240  | Russian Culture                                        | 4 |
| LING 491 | Sociolinguistics                            | 4 | RUSS 334  | Dostoevsky                                             | 4 |
| MENA 111 | Media Coverage of the Middle East           | 4 | RUSS 351  | Russian Literature and Film                            | 4 |
| MUS 250  | Popular Musics in Global Context            | 4 | RUSS 360  | Race in Russia and America                             | 4 |
| MUS 358  | Music in World Cultures                     | 4 | SBUS 250  | Sports Business and Society                            | 4 |
| MUS 365  | Regional Ethnomusicology: [Topic]           | 4 | SBUS 250N | Sports Business and Society                            | 4 |
| MUS 367  | Survey of African Music                     | 4 | SCAN 220M | From Kierkegaard to Kafka                              | 4 |
| MUS 436  | World Music Ensemble: [Topic]               | 2 | SCAN 251  | Text and Interpretation                                | 4 |
| MUS 451  | Introduction to Ethnomusicology             | 4 | SCAN 259  | Vikings through the Icelandic Sagas                    | 4 |
| MUS 452  | Musical Instruments of the World            | 4 | SCAN 280M | The Quality of Life in Germany and Scandinavia         | 4 |
| MUS 462  | Popular Musics in the African Diaspora      | 4 | SCAN 315  | Nordic Cinema                                          | 4 |
| PHIL 110 | Human Nature                                | 4 | SCAN 316  | History of Cinema                                      | 4 |
| PHIL 170 | Love and Sex                                | 4 | SCAN 317  | Directors, Movements, and Manifestos                   | 4 |
| PHIL 309 | Global Justice                              | 4 | SCAN 325  | Constructions versus Constrictions of Identity         | 4 |
| PHIL 340 | Environmental Philosophy                    | 4 | SCAN 341  | Revisions of the Scandinavian Dream                    | 4 |
| PHIL 341 | African Philosophy                          | 4 | SCAN 343  | Norse Mythology                                        | 4 |
| PHIL 342 | Introduction to Latin American Philosophy   | 4 | SCAN 344  | Medieval Hero and Monster                              | 4 |
| PHIL 343 | Critical Theory                             | 4 | SCAN 345M | Food, Culture, and Identity in Germany and Scandinavia | 4 |
| PORT 301 | Cultura e Lingua: Expressoes Artisticas     | 4 | SCAN 353  | Scandinavian Women Writers                             | 4 |
| PORT 305 | Cultura e lingua: Brasil ontem e hoje       | 4 | SCAN 354  | Genres in Scandinavian Literature                      | 4 |
| PPPM 360 | International Public Policy                 | 4 | SPAN 150  | Hispanic and Latinx Cultures                           | 4 |
| PPPM 370 | Global Sustainable Development and Policy   | 4 | SPAN 238  | Spanish Around the World                               | 4 |
| PS 304   | Democracy, Dictators, and Development       | 4 | SPAN 305  | Cultura y lengua: cambios sociales                     | 4 |
| PS 324   | European Politics                           | 4 | SPAN 308  | Cultura y lengua: comunidades bilingues                | 4 |
| PS 330   | Governments and Politics in Latin America   | 4 | SPAN 341  | Hispanic Cultures through Literature I                 | 4 |
| PS 337   | The Politics of Development                 | 4 | SPAN 342  | Hispanic Cultures through Literature II                | 4 |
| PS 342   | Politics of China                           | 4 | SPAN 343  | Hispanic Cultures through Literature III               | 4 |
| PS 345   | Southeast Asian Politics                    | 4 | SPAN 344  | Hispanic Cultures through Literature IV                | 4 |
| PS 380   | Gender and Politics in Developing Countries | 4 | SPAN 355  | Creative Writing in Spanish                            | 4 |
| PS 387   | Russian Politics                            | 4 | SPAN 480  | 19th-Century Spanish American Literature: [Topic]      | 4 |
| PS 391   | Non-Western Political Theory                | 4 |           |                                                        |   |
| PSY 366  | Culture and Mental Health                   | 4 |           |                                                        |   |
| REL 101  | World Religions: Asian Traditions           | 4 |           |                                                        |   |



|          |                                                    |   |
|----------|----------------------------------------------------|---|
| SPAN 490 | 20th-Century Latin American Literature:<br>[Topic] | 4 |
| WGS 351  | Decolonial Feminisms                               | 4 |

# College of Arts and Sciences

**Christopher J. Poulsen, Dean**

541-346-3902

401 Tykeson Hall

The College of Arts and Sciences is the academic and intellectual hub of the University of Oregon, providing a core liberal arts curriculum to the vast majority of UO undergraduates—including those who will go on to earn a degree in one of the professional schools such as journalism or business.

The University of Oregon was founded in 1876 on a liberal arts curriculum, which has evolved over time to meet the needs of contemporary students. The fundamental academic mission of the College of Arts and Sciences is to foster a solid and broad general education, which includes the cultivation of quantitative, analytical, and communication skills; an understanding of social and intellectual history; an appreciation of literary and artistic expression; and habits of creative and critical thinking.

Building on its foundational undergraduate curriculum, the college offers 50 major degree programs in the humanities, social sciences, and natural sciences. Moreover, the College of Arts and Sciences is the heart of the university's research enterprise. The college has almost 900 faculty members, including teaching specialists and research scholars who are engaged in active research programs and make original contributions to their respective fields of knowledge. Because of this, students have the opportunity to learn from leading researchers while receiving a liberal arts education that prepares them to be successful global citizens in the 21st century.

Students in the College of Arts and Sciences can take advantage of integrated academic and career advising to help them set their path forward, through a full set of services located in Willie and Donald Tykeson Hall. See "Advising" below for details.

## Liberal Education

Social, political, and economic change is accelerating at a phenomenal pace, and career paths are evolving in response to these changes. When surveyed, employers say they place high value on critical thinking and problem solving; oral and written communication; teamwork and collaboration; adaptability to new and emerging technologies; leadership skills to guide, motivate, prioritize, and delegate work; and global and intercultural fluency. These are the very skills and knowledge that students gain from a liberal arts education.

No matter what their specific career paths, all UO students benefit from an educational foundation that emphasizes how values, history, and context combine with creative thought and informed inquiry to determine the best way forward, in both professional and civic life. A liberal arts education provides an essential framework for a lifetime of learning, work and growth in a world where many professions are undergoing profound, sweeping transformations.

## Humanities

The departments and programs of the Humanities Division are committed to the study of human meaning as it is expressed in diverse languages,

explained in diverse literatures, and reflected upon from diverse philosophical and religious perspectives. Students seek to understand the values and purposes that make practices and systems worthwhile. In an increasingly interconnected world, the ability to critically consider how individuals and communities make sense of their world is an essential skill.

- American English Institute (p. 59)
- Cinema Studies (p. 60)
- Classics (p. 64)
- Comparative Literature (p. 76)
- Creative Writing (p. 84)
- East Asian Languages and Literatures (p. 86)
- English (p. 101)
- Folklore and Public Culture (p. 112)
- German and Scandinavian (p. 117)
- Humanities (p. 127)
- Judaic Studies (p. 129)
- Linguistics (p. 131)
- Medieval Studies (p. 139)
- Philosophy (p. 142)
- Religious Studies (p. 150)
- Romance Languages (p. 154)
- Russian, East European, and Eurasian Studies (p. 182)
- Theatre Arts (p. 188)

## American English Institute

**Cheryl A. Ernst, Executive Director**

541-346-3945

541-346-3917 fax

1787 Agate St.

5212 University of Oregon

Eugene, Oregon 97403-5212

[aei@uoregon.edu](mailto:aei@uoregon.edu)

Since 1978, the American English Institute (AEI) has been a leader in English language teaching, research, and service on the University of Oregon campus and around the world. The American English Institute, as a unit of the College of Arts and Sciences, serves the educational mission of the University of Oregon through scholarship, English language instruction, and English language professional training. The AEI champions the University's mission of internationalization and is a leader in helping achieve the University's goals for diversity and student success. The AEI supports the University in the integration of international students into all aspects of campus life and collaborates with faculty across campus toward creating a successful academic experience for all international students. The AEI offers:

- English language training
  - General English and culture
  - English for specific purposes
  - English for academic purposes
- In-country program development
- Online, in person, and hybrid teacher training programs
- Professional services related to teaching English and professional development

## Faculty

Edward Adamson, instructor (academic vocabulary, writing and grammar). BA, 1997, Wisconsin, Madison; MEd, 2006, Minnesota, Twin Cities. (2011)

John Busch, instructor (English linguistics, reading and vocabulary). BA 1982, Minnesota, Twin Cities; MA, 2007, Oregon. (2013)

Thomas Delaney, senior instructor (Teaching English to speakers of other languages, testing and assessment, differences in language learning); Academic English for International Speakers coordinator. BA, 1994, Loyola Marymount; MA, 1998, Monterey Institute of International Studies; PhD, 2009, Auckland. (2006)

Nancy C. Elliott, senior instructor (oral communication skills, English dialectology and sociolinguistics). BA, 1982, MA, 1986, Kansas; PhD, 2000, Indiana, Bloomington. (2010)

Robert K. Elliott, instructor (pronunciation and intonation, international GE training, distance education). BA, 1988, California, Los Angeles; MA, 1994, San Francisco State. (2007)

Alicia R. Going, senior instructor II. BA, 1987, Seattle; MA, 1995, School for International Training. (2003)

Monica Hatch, instructor (academic English for international students). BA, 1994, Georgia; MA, 2011, Georgia State. (2011)

Char Heitman, senior instructor (teacher training, cross-cultural communication, oral skills and fluency). BA, 1988, Northern Iowa; MA, 1993, Iowa. (1997)

Jessica Lynch, senior instructor (intensive English instruction, academic English for international students, assessments). BA, 2006, Oregon; MA, 2008, New Mexico State. (2011)

Tonya Mildon, instructor (academic writing, academic oral communication, academic success). BA, 1990, Washington (Seattle); MA, 2000, Central Washington. (2011)

Sueanne Parker, senior Instructor (grammar, critical reading, test preparation). BA, 2001, Western Washington; MA, 2005, Seattle Pacific. (2006)

Patricia Pashby, senior instructor (second-language teaching, teacher training, vocabulary acquisition); coordinator, international graduate teaching fellow program. BA, 1987, MA, 1990, San Francisco State; EdD, 2002, San Francisco. (2001)

Lara M. Ravitch, senior instructor (curriculum design, assessment, content-based instruction). BA, 1998, Connecticut College; MA, 2002, Monterey Institute of International Studies. (2011)

Jennifer Rice, senior instructor II (English as a second language oral-aural skills, curriculum and materials design, objectives-based course assessment). BS, 2000, Ashland; MA, 2002, Western Oregon. (2010)

Korey Rice, senior instructor (discussion skills assessment, curriculum development). BA, 1999, Ashland; MS, 2004, Shenandoah. (2004)

Robin Rogers, senior instructor (curriculum development, materials writing, assessment procedures). BS, 2001, George Fox; MA, 2006, Seattle Pacific. (2010)

Janine Sepulveda, senior instructor II (reading, writing, grammar). BA, 1991, Oregon; MA, 1995, Monterey Institute of International Studies. (1995)

Beth Sheppard, senior instructor II (speaking and listening instruction). BA, 2002, California, Berkeley; MA, 2008, Oregon. (2008)

Thomas Tasker, senior instructor (academic reading and writing, curriculum development). MA, 1992, Illinois, Chicago. (2013)

Misti Williamsen, senior instructor (academic reading and writing, curriculum development, listening and speaking instruction). BA, 2005, MA, 2010, Oregon. (2010)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Emerti

Laura G. Holland, senior instructor (intensive English-language teaching, teacher training, online distance education). BS, 1981, Wheelock College; MA, 1991, Columbia. (2010)

## Cinema Studies

### Priscilla Peña Ovalle, Department Head

541-346-8104  
541-346-8144 fax  
201 McKenzie Hall  
6223 University of Oregon  
Eugene, Oregon 97403-6223  
cinema@uoregon.edu

The UO's Department of Cinema Studies offers a one-of-a-kind opportunity to explore every facet of the world of moving images. Students become skilled producers of images as well as responsible consumers and thoughtful critics. While traditional film schools teach students how to make movies, UO cinema students approach film, television and new media from a variety of disciplinary angles and perspectives. Our interdisciplinary department teaches the creative and technical aspects of storytelling as well as the broader historical, philosophical, and geopolitical contexts of this industrial art form.

Because cinema is inherently multidisciplinary, students take a diverse array of courses in history, theory, criticism, and aesthetics as well as in digital production. Students take classes across campus from a variety of departments and programs in the College of Arts and Sciences, the School of Journalism and Communication, and the College of Design.

## Faculty

Peter Alilunas, associate professor (cinema studies). BA, 2006, Oregon; MA, 2008, Texas, Austin; PhD, 2013, Michigan. (2014)

Michael G. Aronson, associate professor (cinema studies). BA, 1994, Pennsylvania; MA, 1997, PhD, 2002, Pittsburgh. (2003)

Michael Bray, instructor (digital arts, cinema). BA, 1997, Illinois, Urbana-Champaign; MFA, 2008, Oregon. (2008)

Sangita Gopal, associate professor (cinema studies). BA, 1990, Calcutta; MA, 1995, PhD, 2000, Rochester. (2004)

Erin Hanna, associate professor (cinema studies). BA, 2004, MA 2007 York (Toronto); PhD, 2014, Michigan. (2014)

Masami Kawai, assistant professor (cinema studies). BA, 2003, Hampshire College; MFA, 2013, California, Los Angeles. (2014)

Dong Hoon Kim, associate professor (cinema studies). BA, 1998, Yonsei; MA, 2002, PhD, 2008, Southern California. (2011)

Kevin May, instructor (cinema studies); multimedia assistant. BA, 2006, MEd, 2010, Oregon (2016)

HyeRyoung Ok, instructor (cinema studies). BA, 1996, MA, 2000, Seoul National; MA, 2002, New York; PhD, 2008, Southern California. (2011)

Priscilla Peña Ovalle, associate professor (cinema studies, ethnic studies). BS, 1998, Emerson College; MA, 2001, PhD, 2006, Southern California. (2006)

Ari Purnama, assistant professor (cinema studies). BA, 2007, Padjajaran; MA, 2011, PhD, 2019, Groningen. (2020)

Andre Sirois, senior instructor (cinema studies); multimedia supervisor. BA, 2002, Central Connecticut State; MA, 2005, Maine; PhD, 2011, Oregon. (2012)

Daniel Gómez Steinhart, associate professor (cinema studies). BA, 2000, Wesleyan; MA, 2006, PhD, 2013, California, Los Angeles. (2014)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Appointed Faculty

Michael Allan, comparative literature

Gabriela Martinez, journalism and communication

## Affiliated Faculty

Kenneth S. Calhoon, comparative literature

Daniel L. Miller, journalism and communication

Kate Mondloch, history of art and architecture

Elizabeth M. Peterson, library

Stephen Rust, English

Biswarup "Bish" Sen, journalism and communication

Rick Silva, art

Janet Wasko, journalism and communication

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Identify, define, and apply the vocabulary used to describe and analyze the aesthetics of media. This vocabulary anchors the analytical (ideological, historical, etc.) and artistic work of the Cinema Studies curriculum.
- Historically and contextually analyze a broad range of media from newspapers to newer media to think critically about its intersections, institutions, functions, and social impacts.
- Show a basic knowledge of cinema which includes film, television, and newer media by identifying and describing the technological,

artistic, and cultural histories of media in various national contexts while building researching and writing skills.

- Create, present, and constructively critique narrative films, documentaries, or video art pieces. Students will learn the basics of pre-production, production, and post-production to gain an overview of the film and art making process. Using critical thinking skills, students will develop and refine their creative and technical choices while navigating workflow standards.
- Develop artistic skills in specific areas such as screenwriting, directing, lighting, sound recording, and editing to enhance their creative, theoretical, and technical understanding of moving image production. Students will specialize in a craft that enhances their personal creative voice and critical thinking skills.
- Identify and analyze important structures including economic, industrial, legal, political, or regulatory forces that shape the production, distribution, or exhibition of cinema. Students use critical and creative thinking, writing, and/or research skills to develop analytical projects about cinema.
- Perform critical, formal, and cultural analyses of cinematic texts. Using theories specific to cinema studies, students may identify change and continuities in discourses of the auteur, star, genre, etc., or situate texts within intersectional contexts. Students will use critical and creative thinking, writing, and/or research skills to develop analytical projects about cinema.
- Identify and analyze international/transnational/global modes of production, circulation, and aesthetics, then contextualize them broadly or more specifically according to the nation or region. Students will use critical and creative thinking, writing, and/or research skills to develop analytical projects about cinema.
- Exhibit specialized skills in writing, critical thinking, and/or creative practice through capstone seminars, workshops, and/or professionalization courses. Students may also apply the methods of other disciplines to complement cinematic analyses.

## Undergraduate Studies

The department offers bachelor of arts (BA) and bachelor of science (BS) degree programs, consisting of 56 credits divided among four categories: fundamentals, production, core courses, and electives. The major includes the option of graduating with honors.

Courses in the major must be taken for a letter grade, and students must earn a grade of mid-C or better for credit toward the major. At least 28 credits must be taken in residence at the University of Oregon.

## Cinema Studies Major Requirements

| Code                                              | Title                                  | Credits |
|---------------------------------------------------|----------------------------------------|---------|
| <b>Fundamentals Courses</b> <sup>1</sup>          |                                        |         |
| J 201                                             | Media and Society                      | 4       |
| CINE 260M                                         | Media Aesthetics                       | 4       |
| Select two of the following:                      |                                        | 8       |
| CINE 265                                          | History of the Motion Picture I        |         |
| CINE 266                                          | History of the Motion Picture II       |         |
| CINE 267                                          | History of the Motion Picture III      |         |
| <b>Production Courses</b> <sup>2</sup>            |                                        |         |
| Select one of the following Production A courses: |                                        | 4       |
| J 208                                             | Introduction to Documentary Production |         |
| ARTD 256                                          | Introduction to Production             |         |

|                                                                                                                                                                                                                                                                                            |                                             |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------|
| CINE 270                                                                                                                                                                                                                                                                                   | Introduction to Narrative Cinema Production |           |
| Select one of the following Production B courses:                                                                                                                                                                                                                                          |                                             | 4         |
| CINE 320                                                                                                                                                                                                                                                                                   | Beginning Screenwriting                     |           |
| CINE 370                                                                                                                                                                                                                                                                                   | Narrative Production II                     |           |
| CINE 420                                                                                                                                                                                                                                                                                   | Advanced Screenwriting                      |           |
| CINE 425                                                                                                                                                                                                                                                                                   | Cinema Production: [Topic]                  |           |
| CINE 426                                                                                                                                                                                                                                                                                   | Art of Directing: [Topic]                   |           |
| ARTD 251                                                                                                                                                                                                                                                                                   | Time-Based Digital Arts                     |           |
| ARTD 252                                                                                                                                                                                                                                                                                   | Interactive Digital Arts                    |           |
| ARTD 361                                                                                                                                                                                                                                                                                   | Introduction to Animation                   |           |
| ARTD 379                                                                                                                                                                                                                                                                                   | Introduction to Video Art                   |           |
| ARTD 415                                                                                                                                                                                                                                                                                   | Video Art: Experimental Film                |           |
| J 331                                                                                                                                                                                                                                                                                      | Digital Video Production                    |           |
| J 420                                                                                                                                                                                                                                                                                      | Documentary Pre-Production                  |           |
| J 421                                                                                                                                                                                                                                                                                      | Documentary Production                      |           |
| J 422                                                                                                                                                                                                                                                                                      | Documentary Post-Production                 |           |
| J 428M                                                                                                                                                                                                                                                                                     | Latino Roots II                             |           |
| <b>Core Courses</b> <sup>3</sup>                                                                                                                                                                                                                                                           |                                             | <b>24</b> |
| Core A: Cinema Industries                                                                                                                                                                                                                                                                  |                                             |           |
| CINE 335                                                                                                                                                                                                                                                                                   | Exhibition and Audiences                    |           |
| CINE 340                                                                                                                                                                                                                                                                                   | Production Studies                          |           |
| CINE/J 411M                                                                                                                                                                                                                                                                                | US Film Industry                            |           |
| J 431                                                                                                                                                                                                                                                                                      | Media Structures and Regulation: [Topic]    |           |
| ENG 485                                                                                                                                                                                                                                                                                    | Television Studies                          |           |
| Core B: Theory and Criticism                                                                                                                                                                                                                                                               |                                             |           |
| CINE 345                                                                                                                                                                                                                                                                                   | Stars                                       |           |
| CINE 350                                                                                                                                                                                                                                                                                   | Queer European Cinema                       |           |
| CINE 360                                                                                                                                                                                                                                                                                   | Film Theory                                 |           |
| CINE 365                                                                                                                                                                                                                                                                                   | Digital Cinema                              |           |
| CINE/ENG 381M                                                                                                                                                                                                                                                                              | Film, Media, and Culture                    |           |
| CINE 490                                                                                                                                                                                                                                                                                   | Directors and Genres: [Topic]               |           |
| ENG 496                                                                                                                                                                                                                                                                                    | Feminist Film Criticism: [Topic]            |           |
| J 416                                                                                                                                                                                                                                                                                      | Survey of the Documentary                   |           |
| SCAN 317                                                                                                                                                                                                                                                                                   | Directors, Movements, and Manifestos        |           |
| Core C: National, Regional, and Transnational Cinema                                                                                                                                                                                                                                       |                                             |           |
| CINE 440                                                                                                                                                                                                                                                                                   | National and Regional Cinema: [Topic]       |           |
| CINE/KRN 362M                                                                                                                                                                                                                                                                              | Contemporary Korean Film                    |           |
| KRN 361                                                                                                                                                                                                                                                                                    | Korean Popular Culture and Transnationalism |           |
| GER 355                                                                                                                                                                                                                                                                                    | German Cinema: History, Theory, Practice    |           |
| JPN 471                                                                                                                                                                                                                                                                                    | The Japanese Cinema                         |           |
| JPN 473                                                                                                                                                                                                                                                                                    | Japanese Environmental Cinema               |           |
| SCAN 315                                                                                                                                                                                                                                                                                   | Nordic Cinema                               |           |
| <b>Electives</b> <sup>4</sup>                                                                                                                                                                                                                                                              |                                             |           |
| For a list of courses that satisfy elective requirements, review the course lists at <a href="http://cinema.uoregon.edu/term-course-lists">cinema.uoregon.edu/term-course-lists</a> . Two electives are required and may include additional fundamentals, production, and/or core courses. |                                             | 8         |
| <b>Total Credits</b>                                                                                                                                                                                                                                                                       |                                             | <b>56</b> |

- 1 Fundamentals courses (16 credits) introduce majors to three central approaches to cinema studies: historical, social-institutional, and aesthetic. These must be completed before entry into production courses.
  - Students must complete Media and Society (J 201), Media Aesthetics (CINE 260M), and two of the three courses in the history sequence, History of the Motion Picture I (CINE 265), History of the Motion Picture II (CINE 266), and History of the Motion Picture III (CINE 267)], which may be taken in any order. Completion of all fundamentals courses is required before taking any production courses.
- 2 Production courses (8 credits: 4 from Production A and 4 from Production B) give majors a chance to learn the essentials of media production.
  - After completing the fundamentals requirements, students may enroll in a Production A course [Introduction to Production (ARTD 256), Introduction to Narrative Cinema Production (CINE 270), or Introduction to Documentary Production (J 208)].
  - After successful completion of a Production A course, students are eligible to register for Production B courses [various topics in production; please see term course list (<http://cinema.uoregon.edu/term-course-lists/>) (<http://cinema.uoregon.edu/term-course-lists/>) for offerings].
- 3 Core courses (24 credits) strengthen students' understanding of cinema as a dynamic, multicultural, and transnational phenomenon. Please see term course list (<http://cinema.uoregon.edu/term-course-lists/>) for offerings.
  - Students must complete six core courses, with at least one from each subcategory: Core A (cinema industries); Core B (theory and criticism); and Core C (national, regional, and transnational cinema).
  - Two courses in the core with the CINE subject code (8 credits out of the required 24) are required.
- 4 Electives (8 credits) allow students to broaden their exposure to cinema and media studies. These courses are not focused exclusively on cinema but instead study it in relation to other modes of inquiry, including (but not limited to) Asian studies, comparative literature, ethnic studies, folklore and public culture, philosophy, journalism, literary studies, music, Romance languages, and women's, gender, and sexuality studies. A wide variety of elective courses from a range of departments and programs are available. Additional fundamentals, production, and core courses may also count as elective courses. Elective credit for the major may also be derived from internship and/or independent study.

## Honors

The department provides qualified undergraduate majors with options for participating in the honors program. Students arriving in the 2018–19 academic year or earlier may receive program honors at graduation if they have a final cumulative grade point average (GPA) of at least 3.75 in cinema studies course work. Beginning in 2019–20, incoming students must meet this GPA and, in addition, complete a scholarly or screenwriting project that originates from a cinema studies course and is then expanded in a faculty-led project development seminar. An honors college thesis also fulfills program honors requirements.

For more information, contact [cinema@uoregon.edu](mailto:cinema@uoregon.edu)

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*



## Bachelor of Arts in Cinema Studies

### Course Title Credits Milestones

#### First Year

##### Fall

|                                                   |                                          |   |
|---------------------------------------------------|------------------------------------------|---|
| First term of first-year second-language sequence |                                          | 4 |
| WR 121Z                                           | Composition I                            | 4 |
| Core Education Course in Science                  | Start of Science Area of Inquiry Courses | 4 |
| CINE 265                                          | History of the Motion Picture I          | 4 |

**Credits 16**

##### Winter

|                                                          |                                  |   |
|----------------------------------------------------------|----------------------------------|---|
| Second term of first-year second-language sequence       |                                  | 4 |
| WR 122Z                                                  | Composition II                   | 4 |
| or WR 123                                                | or College Composition III       |   |
| Core Education Science Area of Inquiry satisfying course |                                  | 4 |
| CINE 266                                                 | History of the Motion Picture II | 4 |

**Credits 16**

##### Spring

|                                                                 |                                                 |   |
|-----------------------------------------------------------------|-------------------------------------------------|---|
| Third term of first-year second-language sequence               |                                                 | 4 |
| Core Education Social Science Area of Inquiry satisfying course | Start of Social Science Area of Inquiry courses | 4 |
| CINE 260M                                                       | Media Aesthetics                                | 4 |
| J 201                                                           | Media and Society                               | 4 |

**Credits 16**

**Total Credits 48**

### Course Title Credits Milestones

#### Second Year

##### Fall

|                                                                                           |                                       |   |
|-------------------------------------------------------------------------------------------|---------------------------------------|---|
| First term of second-year second-language sequence                                        |                                       | 4 |
| Cultural Literacy Course in US: Difference, Inequality, and Agency or Global Perspectives | Start of Cultural Literacy requiremer | 4 |

|                                                          |  |   |
|----------------------------------------------------------|--|---|
| Core Education Science Area of Inquiry satisfying course |  | 4 |
|----------------------------------------------------------|--|---|

|                          |                            |   |
|--------------------------|----------------------------|---|
| CINE Production A course | CINE Production A complete | 4 |
|--------------------------|----------------------------|---|

**Credits 16**

##### Winter

|                                                                 |  |   |
|-----------------------------------------------------------------|--|---|
| Second term of second-year second-language sequence             |  | 4 |
| Core Education Social Science Area of Inquiry satisfying course |  | 4 |

|                                                                                                    |                              |   |
|----------------------------------------------------------------------------------------------------|------------------------------|---|
| Cultural Literacy Course in Global Perspectives or US: Cultural Difference, Inequality, and Agency | Literacy requiremer complete | 4 |
|----------------------------------------------------------------------------------------------------|------------------------------|---|

|                          |                                   |   |
|--------------------------|-----------------------------------|---|
| CINE Production B course | Production requirements completed | 4 |
|--------------------------|-----------------------------------|---|

**Credits 16**

##### Spring

|                                                    |                                      |   |
|----------------------------------------------------|--------------------------------------|---|
| Third term of second-year second-language sequence | Second language requirement complete | 4 |
|----------------------------------------------------|--------------------------------------|---|

|                                                                 |                                    |   |
|-----------------------------------------------------------------|------------------------------------|---|
| Core Education Social Science Area of Inquiry satisfying course | Social science requiremer complete | 4 |
|-----------------------------------------------------------------|------------------------------------|---|

|                                                          |                              |   |
|----------------------------------------------------------|------------------------------|---|
| Core Education Science Area of Inquiry satisfying course | Science requirement complete | 4 |
|----------------------------------------------------------|------------------------------|---|

|                  |  |   |
|------------------|--|---|
| CINE Core course |  | 4 |
|------------------|--|---|

**Credits 16**

**Total Credits 48**

### Course Title Credits Milestones

#### Third Year

##### Fall

|                                                                    |  |   |
|--------------------------------------------------------------------|--|---|
| Upper-division elective course                                     |  | 4 |
| Core Education Arts and Letters Area of Inquiry satisfying courses |  | 8 |
| CINE Core course                                                   |  | 4 |

**Credits 16**

##### Winter

|                                 |  |   |
|---------------------------------|--|---|
| Upper-division elective courses |  | 8 |
| CINE Core courses               |  | 8 |

Begin minor(s) or continue double major

**Credits 16**

##### Spring

|                                                     |  |   |
|-----------------------------------------------------|--|---|
| Upper-division elective courses                     |  | 8 |
| CINE Production or CINE elective course             |  | 4 |
| CINE Core course                                    |  | 4 |
| CINE internship encouraged this term (or in summer) |  |   |

**Credits 16**

**Total Credits 48**

### Course Title Credits Milestones

#### Fourth Year

##### Fall

|                                  |                                   |   |
|----------------------------------|-----------------------------------|---|
| Upper-division courses           |                                   | 8 |
| CINE Production or CINE elective | CINE elective requiremer complete | 4 |

|                  |  |   |
|------------------|--|---|
| CINE Core course |  | 4 |
|------------------|--|---|

**Credits 16**

**Winter**

|                        |    |
|------------------------|----|
| Upper-division courses | 16 |
|------------------------|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|                        |    |
|------------------------|----|
| Upper-division courses | 16 |
|------------------------|----|

|                                                                         |  |
|-------------------------------------------------------------------------|--|
| Complete minor(s) or double major. CINE internship encouraged this term |  |
|-------------------------------------------------------------------------|--|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

## Classics

**P. Lowell Bowditch, Department Head**

311 Susan Campbell Hall  
1267 University of Oregon  
Eugene, Oregon 97403-1267  
541-346-4306  
541-346-4118 fax  
classics@uoregon.edu

The field of Classics embraces all aspects of Greek and Roman culture from the prehistoric to the medieval period.

Through the study of classical literature, history, philosophy, art history, and archaeology, students gain an understanding of the culture and ideals of the Greco-Roman world. Students who study classics at the undergraduate and graduate level have notable success in acceptance into graduate schools and in the job market. By studying the primary languages students engage with the Greeks and Romans in a direct and scholarly manner.

Students may also study the archaeology of the ancient Mediterranean world. Through the study of classical archaeology, students acquire a broad understanding of Greek and Roman sites and material culture. Although grounded in the study of Greek and Roman buildings, tools, and objects, the courses stress the cross-cultural influences and interactions that informed how people produced, used, and valued these materials as well.

Through the study of classical literature in the original language and in English translation, and through the study of other areas encompassed by the classics, such as ancient history, philosophy, art history, mythology, and rhetoric, a student gains an understanding of the culture and ideals of the classical world and their influence on the languages and institutions of Western civilization.

Members of the classics faculty have a broad range of research and teaching specialties and foster close interdisciplinary ties with the faculty of several departments, including anthropology, art history, comparative literature, English, history, and philosophy.

## Faculty

P. Lowell Bowditch, professor (Latin literature, comparative literature, literary theory). BA, 1984, California, Berkeley; MA, 1989, PhD, 1992, Brown. (1993)

Cristina Calhoon, senior instructor (Latin literature, women in antiquity, Romans and barbarians). Laurea, 1978, Torino; MA, 1983, PhD, 1994, California, Irvine. (1988)

David Chamberlain, instructor (Greek literature, Latin literature). BA, 1989, Oxford; MA, 1991, PhD, 1997, California, Berkeley. (1997)

Kevin D. Dicus, associate professor (classical archaeology, Latin literature) BA, 1992, MA, 2002, Arizona; PhD, 2012, Michigan, Ann Arbor. (2015)

Christopher Eckerman, professor (Greek literature, lyric poetry, social history). BA, 2000, California, Davis; MA, 2002, PhD, 2007, California, Los Angeles. (2008)

Mary K. Jaeger, professor (Latin literature, historiography, food in antiquity). BA, 1982, Gustavus Adolphus; MA, 1984, PhD, 1990, California, Berkeley. (1990)

Steven Shankman, professor. See **English**

Malcolm Wilson, professor (ancient philosophy, history of science). BA, 1985, Western Ontario; MA, 1986, Toronto; PhD, 1993, California, Berkeley. (1990)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Emeritus

Jeffrey M. Hurwit, professor emeritus. See **History of Art and Architecture**

John Nicols, professor emeritus. See **History**.

## Participating

Martha J. Bayless, English

Sander Goldberg, professor of practice

Kristen Seaman, history of art and architecture

## Undergraduate Programs

### Major - Bachelor's Degree

- Classics (BA) (p. 64)

### Minors

- Classical Civilization (p. 73)
- Greek (p. 74)
- Latin (p. 74)

## Graduate Program

### Major - Master's Degree

- Classics (MA) (p. 75)

## Classics (BA)

The field of classics embraces Greek and Roman culture from the prehistoric to the medieval periods.

One of the undergraduate's primary aims in studying classics at the university is to learn Greek or Latin (or both) well enough to read the ancient authors in their original languages.

Students may also study the archaeology of the ancient Mediterranean world. Through the study of classical archaeology, students acquire a

broad understanding of Greek and Roman sites and material culture. Although grounded in the study of Greek and Roman buildings, tools, and objects, the courses stress the cross-cultural influences and interactions that informed how people produced, used, and valued these materials as well.

Through the study of classical literature in the original language and in English translation, and through the study of other areas encompassed by the classics, such as ancient history, philosophy, art history, mythology and rhetoric, a student gains an understanding of the culture and ideals of the classical world and their influence on the languages and institutions of Western civilization.

Members of the classics faculty have a broad range of research and teaching specialties, including Greek poetry and prose, Roman poetry and prose, ancient philosophy and science, and classical archaeology, and foster close interdisciplinary ties with the faculty of several departments, including anthropology, art history, comparative literature, English, history, and philosophy.

Students who intend to major in classics should begin the study of one or both of the classical languages as early as possible in their undergraduate careers.

Students earning a BA in Classics at the University of Oregon will be expected to demonstrate the following learning outcomes, with proportionate emphasis given to the outcomes focused on the particular content area of the chosen concentration in Classics (Classics; Greek; Latin; Classical Civilization; and Classical Archaeology and Material Culture):

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Have acquired Ancient Greek / Latin, including competencies in reading and translating, and a socio-linguistic understanding of the language(s).
- Understand literature, art, and other artifacts from the cultures of the Greco-Roman world, and the capacity to situate them in their sociohistorical context, to identify, interpret, and discuss them, and to describe their later influence. Key aspects of these cultures include philosophy, political theory, rhetoric, theatre, art, archaeology, historiography, poetry, and religion.
- Understand ancient Greco-Roman society as a complex and changing organism shaped by a range of factors such as demography, political organization, class, gender roles, education, economy, and values; the capacity to analyze and synthesize evidence to draw valid conclusions about social phenomena.
- Understand the archaeology and material culture of Ancient Greek and Roman civilizations; the development of practical and analytical skills that allow students to critically interpret disparate bodies of material evidence, as well as to recognize and construct well-reasoned interpretations of ancient material culture. Key themes include methods and theory of archaeological excavation and survey, mortuary practices, social organization, the ancient economy, and the materiality of religious practice.
- Have mastery of transferable skills including skills in critical thinking, analysis of documentary evidence, ability to conduct independent research, and effective oral and verbal communication.

- Classical Archeology (p. 65)
- Classical Civilization (p. 65)

- Greek (p. 66)
- Greek and Latin (p. 67)
- Latin (p. 67)

Courses used to satisfy major requirements must be taken for letter grades and passed with grades of mid-C or better.

At least four upper-division courses (normally 16 credits) must be taken at the University of Oregon.

## Classics (Classical Archaeology) Major Requirements

| Code                                                         | Title                                   | Credits   |
|--------------------------------------------------------------|-----------------------------------------|-----------|
| GRK 101–103<br>or LAT 101–103                                | Basic Greek <sup>1</sup><br>Basic Latin | 15        |
| Three upper-division courses in Greek or Latin: <sup>2</sup> |                                         | 12        |
| GRK 301–303                                                  | Authors: [Topic]                        |           |
| LAT 301–303                                                  | Authors: [Topic]                        |           |
| Three courses in classical archaeology:                      |                                         | 12        |
| CLAS 188                                                     | Introduction to Classical Archaeology   |           |
| CLAS 330                                                     |                                         |           |
| One other approved course                                    |                                         |           |
| HIST 412                                                     | Ancient Greece: [Topic] <sup>3</sup>    | 4         |
| HIST 414                                                     | Ancient Rome: [Topic] <sup>3</sup>      | 4         |
| Select two of the following art history courses:             |                                         | 8         |
| ARH 322                                                      | Ancient Greek Art & Architecture        |           |
| ARH 323                                                      |                                         |           |
| Select two of the following anthropology courses:            |                                         | 8         |
| ANTH 145                                                     | Principles of Archaeology               |           |
| ANTH 150                                                     | World Archaeology                       |           |
| ANTH 340                                                     | Fundamentals of Archaeology             |           |
| ANTH 342                                                     | Archaeology of Egypt and Near East      |           |
| ANTH 471                                                     | Zooarchaeology: [Topic]                 |           |
| Other anthropology courses approved by advisor               |                                         |           |
| <b>Total Credits</b>                                         |                                         | <b>63</b> |

<sup>1</sup> Complete the introductory language courses with grades of mid-C or better or demonstrate proficiency at the introductory level.

<sup>2</sup> Language courses must be completed with grades of mid-C or better.

<sup>3</sup> Please consult your undergraduate advisor for appropriate alternatives if HIST 412 and HIST 414 are unavailable.

## Classics (Classical Civilization) Major Requirements

| Code                                                         | Title                                 | Credits |
|--------------------------------------------------------------|---------------------------------------|---------|
| Select one of the following archaeology courses:             |                                       | 4       |
| CLAS 188                                                     | Introduction to Classical Archaeology |         |
| CLAS 330                                                     |                                       |         |
| CLAS 407                                                     | Seminar: [Topic]                      |         |
| Select one of the following language sequences: <sup>1</sup> |                                       | 12      |
| GRK 301–303                                                  | Authors: [Topic]                      |         |

|                                           |                                               |           |
|-------------------------------------------|-----------------------------------------------|-----------|
| or LAT 301—Authors: [Topic]               |                                               |           |
| 303                                       |                                               |           |
| HIST 412                                  | Ancient Greece: [Topic] <sup>4</sup>          | 4         |
| HIST 414                                  | Ancient Rome: [Topic] <sup>4</sup>            | 4         |
| Select two of the following:              |                                               | 8         |
| CLAS 201                                  | Greek Life and Culture                        |           |
| CLAS 202                                  | Roman Life and Culture                        |           |
| CLAS 301                                  | Greek and Roman Epic                          |           |
| CLAS 302                                  | Greek and Roman Tragedy                       |           |
| CLAS 303                                  | Classical Greek Philosophers                  |           |
| HUM 101                                   | Introduction to the Humanities I <sup>2</sup> |           |
| Select two of the following:              |                                               | 8         |
| ARH 322                                   | Ancient Greek Art & Architecture              |           |
| ARH 323                                   |                                               |           |
| Electives (see table below). <sup>3</sup> |                                               | 8         |
| <b>Total Credits</b>                      |                                               | <b>48</b> |

<sup>1</sup> Complete the introductory language courses with grades of mid-C or better or demonstrate proficiency at the introductory level. Students whose Greek or Latin language courses were taken in high school must take one year of second- or third-year Greek or Latin (301, 302, 303 or 411) at the University of Oregon in works not read in their high school courses. All language courses at the second- or third-year level may count toward the 20 credits of electives.

<sup>2</sup> Department head approval required.

<sup>3</sup> Choose electives in consultation with a classics department advisor.

<sup>4</sup> Please consult your undergraduate advisor for appropriate alternatives if HIST 412 and HIST 414 are unavailable.

## Approved Elective Courses

| Code     | Title                                 | Credits |
|----------|---------------------------------------|---------|
| ANTH 145 | Principles of Archaeology             |         |
| ANTH 150 | World Archaeology                     |         |
| ANTH 342 | Archaeology of Egypt and Near East    |         |
| ANTH 349 | Origins of Art                        |         |
| ARH 204  | History of Western Art I              |         |
| ARH 314  | History of World Architecture I       |         |
| ARH 321  | Ancient Jewish Art                    |         |
| ARH 323  |                                       |         |
| ARH 326  |                                       |         |
| ARH 421  | Ancient Mediterranean Art: [Topic]    |         |
| CLAS 110 | Classical Mythology                   |         |
| CLAS 201 | Greek Life and Culture                |         |
| CLAS 202 | Roman Life and Culture                |         |
| CLAS 301 | Greek and Roman Epic                  |         |
| CLAS 302 | Greek and Roman Tragedy               |         |
| CLAS 303 | Classical Greek Philosophers          |         |
| CLAS 310 | Early China, Ancient Greece           |         |
| CLAS 311 | Death and Rebirth in Greece and India |         |
| CLAS 314 | Gender and Sexuality in Antiquity     |         |
| CLAS 407 | Seminar: [Topic]                      |         |
| GRK 301  | Authors: [Topic]                      |         |
| GRK 302  | Authors: [Topic]                      |         |
| GRK 303  | Authors: [Topic]                      |         |

|          |                                  |  |
|----------|----------------------------------|--|
| GRK 411  | Authors: [Topic]                 |  |
| HIST 101 |                                  |  |
| HIST 104 | World History                    |  |
| HIST 412 | Ancient Greece: [Topic]          |  |
| HIST 414 | Ancient Rome: [Topic]            |  |
| HUM 101  | Introduction to the Humanities I |  |
| HUM 361  | Ancient Science and Culture      |  |
| LAT 301  | Authors: [Topic]                 |  |
| LAT 302  | Authors: [Topic]                 |  |
| LAT 303  | Authors: [Topic]                 |  |
| LAT 411  | Authors: [Topic]                 |  |
| PHIL 421 | Ancient Philosophers: [Topic]    |  |

## Classics (Greek) Major Requirements

| Code                                                                                                                                                           | Title                                 | Credits   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------|
| GRK 101–103                                                                                                                                                    | Basic Greek <sup>1</sup>              | 15        |
| Select one of the following archaeology courses:                                                                                                               |                                       | 4         |
| CLAS 188                                                                                                                                                       | Introduction to Classical Archaeology |           |
| CLAS 330                                                                                                                                                       |                                       |           |
| CLAS 407                                                                                                                                                       | Seminar: [Topic]                      |           |
| Select six of the following:                                                                                                                                   |                                       | 24        |
| GRK 301                                                                                                                                                        | Authors: [Topic] <sup>2</sup>         |           |
| GRK 302                                                                                                                                                        | Authors: [Topic] <sup>2</sup>         |           |
| GRK 303                                                                                                                                                        | Authors: [Topic] <sup>2</sup>         |           |
| 300-level Greek courses where repeatable                                                                                                                       |                                       |           |
| 400-level Greek courses                                                                                                                                        |                                       |           |
| HIST 412                                                                                                                                                       | Ancient Greece: [Topic] <sup>4</sup>  | 4         |
| HIST 414                                                                                                                                                       | Ancient Rome: [Topic] <sup>4</sup>    | 4         |
| Three upper-division Greek or Latin courses beyond the first year, courses in translation, or courses from related departments (see table below). <sup>3</sup> |                                       | 12        |
| <b>Total Credits</b>                                                                                                                                           |                                       | <b>63</b> |

<sup>1</sup> Complete the introductory language courses or demonstrate proficiency at the introductory level.

<sup>2</sup> Repeated with departmental approval.

<sup>3</sup> A list of approved courses is available from the department.

<sup>4</sup> Please consult your undergraduate advisor for appropriate alternatives if HIST 412 and HIST 414 are unavailable.

Students are encouraged to take electives in ancient literature in translation and in ancient art, religion, mythology, or philosophy. They are also urged to take course work in Latin.

## Approved Elective Courses

| Code     | Title                              | Credits |
|----------|------------------------------------|---------|
| ANTH 342 | Archaeology of Egypt and Near East |         |
| ANTH 349 | Origins of Art                     |         |
| ARH 314  | History of World Architecture I    |         |
| ARH 321  | Ancient Jewish Art                 |         |
| ARH 322  | Ancient Greek Art & Architecture   |         |
| ARH 323  |                                    |         |
| ARH 326  |                                    |         |

|          |                                       |
|----------|---------------------------------------|
| ARH 421  | Ancient Mediterranean Art: [Topic]    |
| CLAS 301 | Greek and Roman Epic                  |
| CLAS 302 | Greek and Roman Tragedy               |
| CLAS 303 | Classical Greek Philosophers          |
| CLAS 310 | Early China, Ancient Greece           |
| CLAS 311 | Death and Rebirth in Greece and India |
| CLAS 314 | Gender and Sexuality in Antiquity     |
| CLAS 407 | Seminar: [Topic]                      |
| GRK 301  | Authors: [Topic]                      |
| GRK 302  | Authors: [Topic]                      |
| GRK 303  | Authors: [Topic]                      |
| GRK 411  | Authors: [Topic]                      |
| HIST 412 | Ancient Greece: [Topic]               |
| HIST 414 | Ancient Rome: [Topic]                 |
| HUM 361  | Ancient Science and Culture           |
| LAT 301  | Authors: [Topic]                      |
| LAT 302  | Authors: [Topic]                      |
| LAT 303  | Authors: [Topic]                      |
| LAT 411  | Authors: [Topic]                      |
| PHIL 421 | Ancient Philosophers: [Topic]         |

## Classics (Greek and Latin) Major Requirements

| Code                                                                                                                                                         | Title                                 | Credits   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------|
| GRK 101–103                                                                                                                                                  | Basic Greek <sup>1</sup>              | 15        |
| LAT 101–103                                                                                                                                                  | Basic Latin <sup>1</sup>              | 15        |
| Select one of the following archaeology courses:                                                                                                             |                                       | 4         |
| CLAS 188                                                                                                                                                     | Introduction to Classical Archaeology |           |
| CLAS 330                                                                                                                                                     |                                       |           |
| CLAS 407                                                                                                                                                     | Seminar: [Topic]                      |           |
| Select seven of the following courses: <sup>2</sup>                                                                                                          |                                       | 28        |
| LAT 301–303                                                                                                                                                  | Authors: [Topic]                      |           |
| or GRK 301-Authors: [Topic]                                                                                                                                  |                                       |           |
| 303                                                                                                                                                          |                                       |           |
| 300-level Greek or Latin courses where repeatable                                                                                                            |                                       |           |
| 400-level Greek or Latin courses                                                                                                                             |                                       |           |
| HIST 412                                                                                                                                                     | Ancient Greece: [Topic] <sup>4</sup>  | 4         |
| HIST 414                                                                                                                                                     | Ancient Rome: [Topic] <sup>4</sup>    | 4         |
| Two upper-division Greek or Latin courses beyond the first year, courses in translation, or courses from related departments (see table below). <sup>3</sup> |                                       | 8         |
| <b>Total Credits</b>                                                                                                                                         |                                       | <b>78</b> |

<sup>1</sup> Complete the introductory language courses or demonstrate proficiency at the introductory level.

<sup>2</sup> No fewer than 8 credits devoted to each language. Courses may be repeated with departmental approval.

<sup>3</sup> A list of approved courses is available from the department.

<sup>4</sup> Please consult your undergraduate advisor for appropriate alternatives if HIST 412 and HIST 414 are unavailable.

Students are encouraged to take electives in ancient literature in translation and in ancient art, religion, mythology, or philosophy.

## Approved Elective Courses

| Code     | Title                                 | Credits |
|----------|---------------------------------------|---------|
| ANTH 342 | Archaeology of Egypt and Near East    |         |
| ANTH 349 | Origins of Art                        |         |
| ARH 314  | History of World Architecture I       |         |
| ARH 321  | Ancient Jewish Art                    |         |
| ARH 322  | Ancient Greek Art & Architecture      |         |
| ARH 323  |                                       |         |
| ARH 326  |                                       |         |
| ARH 421  | Ancient Mediterranean Art: [Topic]    |         |
| CLAS 301 | Greek and Roman Epic                  |         |
| CLAS 302 | Greek and Roman Tragedy               |         |
| CLAS 303 | Classical Greek Philosophers          |         |
| CLAS 310 | Early China, Ancient Greece           |         |
| CLAS 311 | Death and Rebirth in Greece and India |         |
| CLAS 314 | Gender and Sexuality in Antiquity     |         |
| CLAS 407 | Seminar: [Topic]                      |         |
| GRK 301  | Authors: [Topic]                      |         |
| GRK 302  | Authors: [Topic]                      |         |
| GRK 303  | Authors: [Topic]                      |         |
| GRK 411  | Authors: [Topic]                      |         |
| HIST 412 | Ancient Greece: [Topic]               |         |
| HIST 414 | Ancient Rome: [Topic]                 |         |
| HUM 361  | Ancient Science and Culture           |         |
| LAT 301  | Authors: [Topic]                      |         |
| LAT 302  | Authors: [Topic]                      |         |
| LAT 303  | Authors: [Topic]                      |         |
| LAT 411  | Authors: [Topic]                      |         |
| PHIL 421 | Ancient Philosophers: [Topic]         |         |

## Classics (Latin) Major Requirements

| Code                                                                                                                                                           | Title                                 | Credits   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------|
| LAT 101–103                                                                                                                                                    | Basic Latin <sup>1</sup>              | 15        |
| Select one of the following archaeology courses:                                                                                                               |                                       | 4         |
| CLAS 188                                                                                                                                                       | Introduction to Classical Archaeology |           |
| CLAS 330                                                                                                                                                       |                                       |           |
| CLAS 407                                                                                                                                                       | Seminar: [Topic]                      |           |
| Select six of the following:                                                                                                                                   |                                       | 24        |
| LAT 301                                                                                                                                                        | Authors: [Topic] <sup>2</sup>         |           |
| LAT 302                                                                                                                                                        | Authors: [Topic] <sup>2</sup>         |           |
| LAT 303                                                                                                                                                        | Authors: [Topic] <sup>2</sup>         |           |
| 300-level Latin courses where repeatable                                                                                                                       |                                       |           |
| 400-level Latin courses                                                                                                                                        |                                       |           |
| HIST 412                                                                                                                                                       | Ancient Greece: [Topic] <sup>4</sup>  | 4         |
| HIST 414                                                                                                                                                       | Ancient Rome: [Topic] <sup>4</sup>    | 4         |
| Three upper-division Latin or Greek courses beyond the first year, courses in translation, or courses from related departments (see table below). <sup>3</sup> |                                       | 12        |
| <b>Total Credits</b>                                                                                                                                           |                                       | <b>63</b> |

<sup>1</sup> Complete the introductory language courses or demonstrate proficiency at the introductory level.



<sup>2</sup> Repeated with departmental approval.

<sup>3</sup> A list of approved courses is available from the department.

<sup>4</sup> Please consult your undergraduate advisor for appropriate alternatives if HIST 412 and HIST 414 are unavailable.

Students are encouraged to take electives in ancient literature in translation and in ancient art, religion, mythology, or philosophy. They are also urged to take course work in Greek.

Approved Elective Courses

| Code     | Title                                 | Credits |
|----------|---------------------------------------|---------|
| ANTH 342 | Archaeology of Egypt and Near East    |         |
| ANTH 349 | Origins of Art                        |         |
| ARH 314  | History of World Architecture I       |         |
| ARH 321  | Ancient Jewish Art                    |         |
| ARH 322  | Ancient Greek Art & Architecture      |         |
| ARH 323  |                                       |         |
| ARH 326  |                                       |         |
| ARH 421  | Ancient Mediterranean Art: [Topic]    |         |
| CLAS 301 | Greek and Roman Epic                  |         |
| CLAS 302 | Greek and Roman Tragedy               |         |
| CLAS 303 | Classical Greek Philosophers          |         |
| CLAS 310 | Early China, Ancient Greece           |         |
| CLAS 311 | Death and Rebirth in Greece and India |         |
| CLAS 314 | Gender and Sexuality in Antiquity     |         |
| CLAS 407 | Seminar: [Topic]                      |         |
| GRK 301  | Authors: [Topic]                      |         |
| GRK 302  | Authors: [Topic]                      |         |
| GRK 303  | Authors: [Topic]                      |         |
| GRK 411  | Authors: [Topic]                      |         |
| HIST 412 | Ancient Greece: [Topic]               |         |
| HIST 414 | Ancient Rome: [Topic]                 |         |
| HUM 361  | Ancient Science and Culture           |         |
| LAT 301  | Authors: [Topic]                      |         |
| LAT 302  | Authors: [Topic]                      |         |
| LAT 303  | Authors: [Topic]                      |         |
| LAT 411  | Authors: [Topic]                      |         |
| PHIL 421 | Ancient Philosophers: [Topic]         |         |

Honors

The honors program in classics provides an opportunity for a student to focus on an area of concentration in a written thesis. The requirements for a bachelor's degree with honors in classics are as follows:

- 1. Satisfaction of the requirements for the major
- 2. A grade point average (GPA) of 3.50 or better in courses taken to meet the requirements of both the major and the university
- 3. A senior thesis of substantial quality, approved by the thesis director and at least one member of the program committee

Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

- Greek Concentration (p. 68)
- **Latin Concentration**
- **Greek and Latin Concentration**
- **Classical Civilization Concentration**
- **Classical Archaeology Concentration**

Bachelor of Arts in Classics: Greek Concentration

| Course                                       | Title            | Credits | Milestones |
|----------------------------------------------|------------------|---------|------------|
| <b>First Year</b>                            |                  |         |            |
| <b>Fall</b>                                  |                  |         |            |
| GRK 101                                      | First-Year Greek |         | 5          |
| WR 121Z                                      | Composition I    |         | 4          |
| General-education course in social science   |                  |         | 4          |
| Elective course                              |                  |         | 4          |
| <b>Credits</b>                               |                  |         | <b>17</b>  |
| <b>Winter</b>                                |                  |         |            |
| GRK 102                                      | First-Year Greek |         | 5          |
| WR 122Z                                      | Composition II   |         | 4          |
| or WR 123 or College Composition III         |                  |         |            |
| General-education course in arts and letters |                  |         | 4          |
| General-education course in science          |                  |         | 4          |
| <b>Credits</b>                               |                  |         | <b>17</b>  |
| <b>Spring</b>                                |                  |         |            |
| GRK 103                                      | First-Year Greek |         | 5          |
| General-education course in arts and letters |                  |         | 4          |
| General-education course in science          |                  |         | 4          |
| General-education course in social science   |                  |         | 4          |
| <b>Credits</b>                               |                  |         | <b>17</b>  |
| <b>Total Credits</b>                         |                  |         | <b>51</b>  |

| Course                                                                   | Title                                 | Credits | Milestones |
|--------------------------------------------------------------------------|---------------------------------------|---------|------------|
| <b>Second Year</b>                                                       |                                       |         |            |
| <b>Fall</b>                                                              |                                       |         |            |
| GRK 301                                                                  | Authors: [Topic]                      |         | 4          |
| CLAS 188                                                                 | Introduction to Classical Archaeology |         | 4          |
| or or Seminar: [Topic]                                                   |                                       |         |            |
| CLAS 407                                                                 |                                       |         |            |
| General-education course in social science                               |                                       |         | 4          |
| General-education course that also satisfies a multicultural requirement |                                       |         | 4          |
| <b>Credits</b>                                                           |                                       |         | <b>16</b>  |
| <b>Winter</b>                                                            |                                       |         |            |
| GRK 302                                                                  | Authors: [Topic]                      |         | 4          |
| General-education course in arts and letters                             |                                       |         | 4          |
| General-education course in social science                               |                                       |         | 4          |
| General-education course that also satisfies a multicultural requirement |                                       |         | 4          |
| <b>Credits</b>                                                           |                                       |         | <b>16</b>  |
| <b>Spring</b>                                                            |                                       |         |            |
| GRK 303                                                                  | Authors: [Topic]                      |         | 4          |
| General-education courses in science                                     |                                       |         | 8          |

|                      |           |
|----------------------|-----------|
| Elective course      | 4         |
| <b>Credits</b>       | <b>16</b> |
| <b>Total Credits</b> | <b>48</b> |

### Course Title Credits Milestones

|                                              |                         |           |
|----------------------------------------------|-------------------------|-----------|
| <b>Third Year</b>                            |                         |           |
| <b>Fall</b>                                  |                         |           |
| GRK 411                                      | Authors: [Topic]        | 4         |
| HIST 412                                     | Ancient Greece: [Topic] | 4         |
| General-education course in arts and letters |                         | 4         |
| Elective course                              |                         | 4         |
| <b>Credits</b>                               |                         | <b>16</b> |

|                                |                       |           |
|--------------------------------|-----------------------|-----------|
| <b>Winter</b>                  |                       |           |
| GRK 411                        | Authors: [Topic]      | 4         |
| HIST 414                       | Ancient Rome: [Topic] | 4         |
| Upper-division elective course |                       | 4         |
| Elective course                |                       | 4         |
| <b>Credits</b>                 |                       | <b>16</b> |

|                                              |                  |           |
|----------------------------------------------|------------------|-----------|
| <b>Spring</b>                                |                  |           |
| GRK 411                                      | Authors: [Topic] | 4         |
| Upper-division course with CLAS subject code |                  | 4         |
| Elective courses                             |                  | 8         |
| <b>Credits</b>                               |                  | <b>16</b> |
| <b>Total Credits</b>                         |                  | <b>48</b> |

### Course Title Credits Milestones

|                                              |  |           |
|----------------------------------------------|--|-----------|
| <b>Fourth Year</b>                           |  |           |
| <b>Fall</b>                                  |  |           |
| Upper-division course with CLAS subject code |  | 4         |
| Upper-division elective course               |  | 4         |
| Elective course                              |  | 4         |
| <b>Credits</b>                               |  | <b>12</b> |

|                                              |  |           |
|----------------------------------------------|--|-----------|
| <b>Winter</b>                                |  |           |
| Upper-division course with CLAS subject code |  | 4         |
| Upper-division elective course               |  | 4         |
| Elective course                              |  | 4         |
| <b>Credits</b>                               |  | <b>12</b> |

|                                |  |           |
|--------------------------------|--|-----------|
| <b>Spring</b>                  |  |           |
| Upper-division elective course |  | 4         |
| Elective courses               |  | 8         |
| <b>Credits</b>                 |  | <b>12</b> |
| <b>Total Credits</b>           |  | <b>36</b> |

## Bachelor of Arts in Classics: Latin Concentration

### Course Title Credits Milestones

|                                            |                  |   |
|--------------------------------------------|------------------|---|
| <b>First Year</b>                          |                  |   |
| <b>Fall</b>                                |                  |   |
| LAT 101                                    | First-Year Latin | 5 |
| WR 121Z                                    | Composition I    | 4 |
| General-education course in social science |                  | 4 |

|                 |           |
|-----------------|-----------|
| Elective course | 4         |
| <b>Credits</b>  | <b>17</b> |

|                                              |                  |           |
|----------------------------------------------|------------------|-----------|
| <b>Winter</b>                                |                  |           |
| LAT 102                                      | First-Year Latin | 5         |
| WR 122Z                                      | Composition II   | 4         |
| or WR 123 or College Composition III         |                  |           |
| General-education course in arts and letters |                  | 4         |
| General-education course in science          |                  | 4         |
| <b>Credits</b>                               |                  | <b>17</b> |

|                                              |                  |           |
|----------------------------------------------|------------------|-----------|
| <b>Spring</b>                                |                  |           |
| LAT 103                                      | First-Year Latin | 5         |
| General-education course in arts and letters |                  | 4         |
| General-education course in social science   |                  | 4         |
| General-education course in science          |                  | 4         |
| <b>Credits</b>                               |                  | <b>17</b> |
| <b>Total Credits</b>                         |                  | <b>51</b> |

### Course Title Credits Milestones

|                                                                          |                                       |           |
|--------------------------------------------------------------------------|---------------------------------------|-----------|
| <b>Second Year</b>                                                       |                                       |           |
| <b>Fall</b>                                                              |                                       |           |
| LAT 301                                                                  | Authors: [Topic]                      | 4         |
| CLAS 188                                                                 | Introduction to Classical Archaeology | 4         |
| or or Seminar: [Topic]                                                   |                                       |           |
| CLAS 407                                                                 |                                       |           |
| General-education course in social science                               |                                       | 4         |
| General-education course that also satisfies a multicultural requirement |                                       | 4         |
| <b>Credits</b>                                                           |                                       | <b>16</b> |

|                                                                          |                  |           |
|--------------------------------------------------------------------------|------------------|-----------|
| <b>Winter</b>                                                            |                  |           |
| LAT 302                                                                  | Authors: [Topic] | 4         |
| General-education course in arts and letters                             |                  | 4         |
| General-education course in social science                               |                  | 4         |
| General-education course that also satisfies a multicultural requirement |                  | 4         |
| <b>Credits</b>                                                           |                  | <b>16</b> |

|                                              |                  |           |
|----------------------------------------------|------------------|-----------|
| <b>Spring</b>                                |                  |           |
| LAT 303                                      | Authors: [Topic] | 4         |
| General-education course in arts and letters |                  | 4         |
| General-education course in science          |                  | 4         |
| Elective course                              |                  | 4         |
| <b>Credits</b>                               |                  | <b>16</b> |
| <b>Total Credits</b>                         |                  | <b>48</b> |

### Course Title Credits Milestones

|                                     |                         |           |
|-------------------------------------|-------------------------|-----------|
| <b>Third Year</b>                   |                         |           |
| <b>Fall</b>                         |                         |           |
| LAT 411                             | Authors: [Topic]        | 4         |
| HIST 412                            | Ancient Greece: [Topic] | 4         |
| General-education course in science |                         | 4         |
| Elective course                     |                         | 4         |
| <b>Credits</b>                      |                         | <b>16</b> |

|               |                  |   |
|---------------|------------------|---|
| <b>Winter</b> |                  |   |
| LAT 411       | Authors: [Topic] | 4 |

|                                              |                       |           |
|----------------------------------------------|-----------------------|-----------|
| HIST 414                                     | Ancient Rome: [Topic] | 4         |
| Upper-division elective                      |                       | 4         |
| Elective course                              |                       | 4         |
| <b>Credits</b>                               |                       | <b>16</b> |
| <b>Spring</b>                                |                       |           |
| LAT 411                                      | Authors: [Topic]      | 4         |
| Upper-division course with CLAS subject code |                       | 4         |
| General-education course in arts and letters |                       | 4         |
| Elective course                              |                       | 4         |
| <b>Credits</b>                               |                       | <b>16</b> |
| <b>Total Credits</b>                         |                       | <b>48</b> |

| Course                                       | Title | Credits   | Milestones |
|----------------------------------------------|-------|-----------|------------|
| <b>Fourth Year</b>                           |       |           |            |
| <b>Fall</b>                                  |       |           |            |
| Upper-division course with CLAS subject code |       | 4         |            |
| Upper-division elective course               |       | 4         |            |
| Elective course                              |       | 4         |            |
| <b>Credits</b>                               |       | <b>12</b> |            |
| <b>Winter</b>                                |       |           |            |
| Upper-division course with CLAS subject code |       | 4         |            |
| Upper-division elective course               |       | 4         |            |
| Elective course                              |       | 4         |            |
| <b>Credits</b>                               |       | <b>12</b> |            |
| <b>Spring</b>                                |       |           |            |
| Upper-division elective course               |       | 4         |            |
| Elective courses                             |       | 8         |            |
| <b>Credits</b>                               |       | <b>12</b> |            |
| <b>Total Credits</b>                         |       | <b>36</b> |            |

Bachelor of Arts in Classics: Greek and Latin Concentration

| Course                                       | Title                      | Credits   | Milestones |
|----------------------------------------------|----------------------------|-----------|------------|
| <b>First Year</b>                            |                            |           |            |
| <b>Fall</b>                                  |                            |           |            |
| LAT 101                                      | First-Year Latin           | 5         |            |
| or                                           | or First-Year Greek        |           |            |
| GRK 101                                      |                            |           |            |
| WR 121Z                                      | Composition I              | 4         |            |
| General-education course in social science   |                            | 4         |            |
| Elective course                              |                            | 4         |            |
| <b>Credits</b>                               |                            | <b>17</b> |            |
| <b>Winter</b>                                |                            |           |            |
| LAT 102                                      | First-Year Latin           | 5         |            |
| or                                           | or First-Year Greek        |           |            |
| GRK 102                                      |                            |           |            |
| WR 122Z                                      | Composition II             | 4         |            |
| or WR 123                                    | or College Composition III |           |            |
| General-education course in arts and letters |                            | 4         |            |
| General-education course in science          |                            | 4         |            |
| <b>Credits</b>                               |                            | <b>17</b> |            |

|                                              |                     |           |
|----------------------------------------------|---------------------|-----------|
| <b>Spring</b>                                |                     |           |
| LAT 103                                      | First-Year Latin    | 5         |
| or                                           | or First-Year Greek |           |
| GRK 103                                      |                     |           |
| General-education course in arts and letters |                     | 4         |
| General-education course in science          |                     | 4         |
| General-education course in social science   |                     | 4         |
| <b>Credits</b>                               |                     | <b>17</b> |
| <b>Total Credits</b>                         |                     | <b>51</b> |

| Course                                       | Title                                 | Credits   | Milestones |
|----------------------------------------------|---------------------------------------|-----------|------------|
| <b>Second Year</b>                           |                                       |           |            |
| <b>Fall</b>                                  |                                       |           |            |
| LAT 301                                      | Authors: [Topic]                      | 4         |            |
| or                                           | or Authors: [Topic]                   |           |            |
| GRK 301                                      |                                       |           |            |
| GRK 101                                      | First-Year Greek                      | 5         |            |
| or LAT 101                                   | or First-Year Latin                   |           |            |
| CLAS 188                                     | Introduction to Classical Archaeology | 4         |            |
| or                                           | or Seminar: [Topic]                   |           |            |
| CLAS 407                                     |                                       |           |            |
| General-education course in social science   |                                       | 4         |            |
| <b>Credits</b>                               |                                       | <b>17</b> |            |
| <b>Winter</b>                                |                                       |           |            |
| LAT 302                                      | Authors: [Topic]                      | 4         |            |
| or                                           | or Authors: [Topic]                   |           |            |
| GRK 302                                      |                                       |           |            |
| GRK 102                                      | First-Year Greek                      | 5         |            |
| or LAT 102                                   | or First-Year Latin                   |           |            |
| General-education course in arts and letters |                                       | 4         |            |
| General-education course in social science   |                                       | 4         |            |
| <b>Credits</b>                               |                                       | <b>17</b> |            |
| <b>Spring</b>                                |                                       |           |            |
| LAT 303                                      | Authors: [Topic]                      | 4         |            |
| or                                           | or Authors: [Topic]                   |           |            |
| GRK 303                                      |                                       |           |            |
| GRK 103                                      | First-Year Greek                      | 5         |            |
| or LAT 103                                   | or First-Year Latin                   |           |            |
| General-education course in arts and letters |                                       | 4         |            |
| General-education course in science          |                                       | 4         |            |
| <b>Credits</b>                               |                                       | <b>17</b> |            |
| <b>Total Credits</b>                         |                                       | <b>51</b> |            |
| <b>Third Year</b>                            |                                       |           |            |
| <b>Fall</b>                                  |                                       |           |            |
| LAT 411                                      | Authors: [Topic]                      | 4         |            |
| or                                           | or Authors: [Topic]                   |           |            |
| GRK 411                                      |                                       |           |            |
| GRK 301                                      | Authors: [Topic]                      | 4         |            |
| or LAT 301                                   | or Authors: [Topic]                   |           |            |
| HIST 412                                     | Ancient Greece: [Topic]               | 4         |            |
| General-education course in science          |                                       | 4         |            |
| <b>Credits</b>                               |                                       | <b>16</b> |            |

**Winter**

|                                |                       |           |
|--------------------------------|-----------------------|-----------|
| LAT 411                        | Authors: [Topic]      | 4         |
| or                             | or Authors: [Topic]   |           |
| GRK 411                        |                       |           |
| GRK 302                        | Authors: [Topic]      | 4         |
| or LAT 302                     | or Authors: [Topic]   |           |
| HIST 414                       | Ancient Rome: [Topic] | 4         |
| Upper-division elective course |                       | 4         |
| <b>Credits</b>                 |                       | <b>16</b> |

**Spring**

|                                                                         |                     |           |
|-------------------------------------------------------------------------|---------------------|-----------|
| GRK 303                                                                 | Authors: [Topic]    | 4         |
| or LAT 303                                                              | or Authors: [Topic] |           |
| Upper-division course with CLAS subject code                            |                     | 4         |
| General-education courses that also satisfy a multicultural requirement |                     | 8         |
| <b>Credits</b>                                                          |                     | <b>16</b> |
| <b>Total Credits</b>                                                    |                     | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year**

|                                              |  |           |  |
|----------------------------------------------|--|-----------|--|
| <b>Fall</b>                                  |  |           |  |
| Upper-division course with CLAS subject code |  | 4         |  |
| Upper-division elective course               |  | 4         |  |
| Elective course                              |  | 4         |  |
| <b>Credits</b>                               |  | <b>12</b> |  |

**Winter**

|                                              |  |           |  |
|----------------------------------------------|--|-----------|--|
| Upper-division course with CLAS subject code |  | 4         |  |
| Upper-division elective course               |  | 4         |  |
| Elective course                              |  | 4         |  |
| <b>Credits</b>                               |  | <b>12</b> |  |

**Spring**

|                                |  |           |  |
|--------------------------------|--|-----------|--|
| Upper-division elective course |  | 4         |  |
| Elective courses               |  | 8         |  |
| <b>Credits</b>                 |  | <b>12</b> |  |
| <b>Total Credits</b>           |  | <b>36</b> |  |

## Bachelor of Arts in Classics: Classical Civilization Concentration

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year**

|                                            |                     |           |  |
|--------------------------------------------|---------------------|-----------|--|
| <b>Fall</b>                                |                     |           |  |
| LAT 101                                    | First-Year Latin    | 5         |  |
| or                                         | or First-Year Greek |           |  |
| GRK 101                                    |                     |           |  |
| WR 121Z                                    | Composition I       | 4         |  |
| Elective course                            |                     | 4         |  |
| General-education course in social science |                     | 4         |  |
| <b>Credits</b>                             |                     | <b>17</b> |  |

**Winter**

|           |                            |   |  |
|-----------|----------------------------|---|--|
| LAT 102   | First-Year Latin           | 5 |  |
| or        | or First-Year Greek        |   |  |
| GRK 102   |                            |   |  |
| WR 122Z   | Composition II             | 4 |  |
| or WR 123 | or College Composition III |   |  |

|                                              |           |
|----------------------------------------------|-----------|
| General-education course in arts and letters | 4         |
| General-education course in science          | 4         |
| <b>Credits</b>                               | <b>17</b> |

**Spring**

|                                            |                     |           |
|--------------------------------------------|---------------------|-----------|
| LAT 103                                    | First-Year Latin    | 5         |
| or                                         | or First-Year Greek |           |
| GRK 103                                    |                     |           |
| General-education course in social science |                     | 4         |
| General-education course in science        |                     | 4         |
| Elective course                            |                     | 4         |
| <b>Credits</b>                             |                     | <b>17</b> |
| <b>Total Credits</b>                       |                     | <b>51</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year**

|                                                                          |                                       |           |  |
|--------------------------------------------------------------------------|---------------------------------------|-----------|--|
| <b>Fall</b>                                                              |                                       |           |  |
| LAT 301                                                                  | Authors: [Topic]                      | 4         |  |
| or                                                                       | or Authors: [Topic]                   |           |  |
| GRK 301                                                                  |                                       |           |  |
| CLAS 188                                                                 | Introduction to Classical Archaeology | 4         |  |
| or                                                                       | or Seminar: [Topic]                   |           |  |
| CLAS 407                                                                 |                                       |           |  |
| General-education course that also satisfies a multicultural requirement |                                       | 4         |  |
| <b>Credits</b>                                                           |                                       | <b>12</b> |  |

**Winter**

|                                                                          |                     |           |  |
|--------------------------------------------------------------------------|---------------------|-----------|--|
| LAT 302                                                                  | Authors: [Topic]    | 4         |  |
| or                                                                       | or Authors: [Topic] |           |  |
| GRK 302                                                                  |                     |           |  |
| Art History course                                                       |                     | 4         |  |
| General-education course in arts and letters                             |                     | 4         |  |
| General-education course that also satisfies a multicultural requirement |                     | 4         |  |
| <b>Credits</b>                                                           |                     | <b>16</b> |  |

**Spring**

|                                              |                     |           |  |
|----------------------------------------------|---------------------|-----------|--|
| LAT 303                                      | Authors: [Topic]    | 4         |  |
| or                                           | or Authors: [Topic] |           |  |
| GRK 303                                      |                     |           |  |
| General-education course in arts and letters |                     | 4         |  |
| General-education course in science          |                     | 4         |  |
| General-education course in social science   |                     | 4         |  |
| <b>Credits</b>                               |                     | <b>16</b> |  |
| <b>Total Credits</b>                         |                     | <b>44</b> |  |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year**

|             |                         |   |  |
|-------------|-------------------------|---|--|
| <b>Fall</b> |                         |   |  |
| HIST 412    | Ancient Greece: [Topic] | 4 |  |

|                                            |                                      |   |
|--------------------------------------------|--------------------------------------|---|
| CLAS 201                                   | Greek Life and Culture               | 4 |
| or                                         | or Roman Life and Culture            |   |
| CLAS 202                                   | or Greek and Roman Epic              |   |
| or                                         | or Classical Greek Philosophers      |   |
| CLAS 301                                   | or Introduction to the Humanities II |   |
| or                                         |                                      |   |
| CLAS 303                                   |                                      |   |
| or                                         |                                      |   |
| HUM 102                                    |                                      |   |
| General-education course in science        |                                      | 4 |
| General-education course in social science |                                      | 4 |

**Credits** **16**

**Winter**

|                                |                                      |   |
|--------------------------------|--------------------------------------|---|
| HIST 414                       | Ancient Rome: [Topic]                | 4 |
| CLAS 202                       | Roman Life and Culture               | 4 |
| or                             | or Greek Life and Culture            |   |
| CLAS 201                       | or Greek and Roman Epic              |   |
| or                             | or Classical Greek Philosophers      |   |
| CLAS 301                       | or Introduction to the Humanities II |   |
| or                             |                                      |   |
| CLAS 303                       |                                      |   |
| or                             |                                      |   |
| HUM 102                        |                                      |   |
| Upper-division elective course |                                      | 4 |
| Elective course                |                                      | 4 |

**Credits** **16**

**Spring**

|                                              |  |   |
|----------------------------------------------|--|---|
| Upper Division CLAS course                   |  | 4 |
| Upper Division elective                      |  | 4 |
| General-education course in arts and letters |  | 4 |
| Elective course                              |  | 4 |

**Credits** **16**

**Total Credits** **48**

**Course Title Credits Milestones**

**Fourth Year****Fall**

|                                              |  |   |
|----------------------------------------------|--|---|
| Upper-division course with CLAS subject code |  | 4 |
| Upper-division elective course               |  | 4 |
| Elective course                              |  | 4 |

**Credits** **12**

**Winter**

|                                              |  |   |
|----------------------------------------------|--|---|
| Upper-division course with CLAS subject code |  | 4 |
| Elective courses                             |  | 8 |

**Credits** **12**

**Spring**

|                                |  |   |
|--------------------------------|--|---|
| Upper-division elective course |  | 4 |
| Elective course                |  | 8 |

**Credits** **12**

**Total Credits** **36**

## Bachelor of Arts in Classics: Classical Archaeology Concentration

**Course Title Credits Milestones**

**First Year****Fall**

|         |                     |   |
|---------|---------------------|---|
| LAT 101 | First-Year Latin    | 5 |
| or      | or First-Year Greek |   |
| GRK 101 |                     |   |

|         |               |   |
|---------|---------------|---|
| WR 121Z | Composition I | 4 |
|---------|---------------|---|

|                                            |  |   |
|--------------------------------------------|--|---|
| General-education course in social science |  | 4 |
|--------------------------------------------|--|---|

|                 |  |   |
|-----------------|--|---|
| Elective course |  | 4 |
|-----------------|--|---|

**Credits** **17**

**Winter**

|         |                     |   |
|---------|---------------------|---|
| LAT 102 | First-Year Latin    | 5 |
| or      | or First-Year Greek |   |
| GRK 102 |                     |   |

|           |                            |   |
|-----------|----------------------------|---|
| WR 122Z   | Composition II             | 4 |
| or WR 123 | or College Composition III |   |

|                                              |  |   |
|----------------------------------------------|--|---|
| General-education course in arts and letters |  | 4 |
|----------------------------------------------|--|---|

|                                     |  |   |
|-------------------------------------|--|---|
| General-education course in science |  | 4 |
|-------------------------------------|--|---|

**Credits** **17**

**Spring**

|         |                     |   |
|---------|---------------------|---|
| LAT 103 | First-Year Latin    | 5 |
| or      | or First-Year Greek |   |
| GRK 103 |                     |   |

|                                     |  |   |
|-------------------------------------|--|---|
| General-education course in science |  | 4 |
|-------------------------------------|--|---|

|                                            |  |   |
|--------------------------------------------|--|---|
| General-education course in social science |  | 4 |
|--------------------------------------------|--|---|

|                 |  |   |
|-----------------|--|---|
| Elective course |  | 4 |
|-----------------|--|---|

**Credits** **17**

**Total Credits** **51**

**Course Title Credits Milestones**

**Second Year****Fall**

|         |                     |   |
|---------|---------------------|---|
| LAT 301 | Authors: [Topic]    | 4 |
| or      | or Authors: [Topic] |   |
| GRK 301 |                     |   |

|          |                                       |   |
|----------|---------------------------------------|---|
| CLAS 188 | Introduction to Classical Archaeology | 4 |
| or       | or Seminar: [Topic]                   |   |
| CLAS 407 |                                       |   |

|                                                                          |  |   |
|--------------------------------------------------------------------------|--|---|
| General-education course that also satisfies a multicultural requirement |  | 4 |
|--------------------------------------------------------------------------|--|---|

**Credits** **12**

**Winter**

|         |                     |   |
|---------|---------------------|---|
| LAT 302 | Authors: [Topic]    | 4 |
| or      | or Authors: [Topic] |   |
| GRK 302 |                     |   |

|                    |  |   |
|--------------------|--|---|
| Art History course |  | 4 |
|--------------------|--|---|

|                                              |  |   |
|----------------------------------------------|--|---|
| General-education course in arts and letters |  | 4 |
|----------------------------------------------|--|---|

|                                                                          |  |   |
|--------------------------------------------------------------------------|--|---|
| General-education course that also satisfies a multicultural requirement |  | 4 |
|--------------------------------------------------------------------------|--|---|

**Credits** **16**



**Spring**

|                                              |                                         |           |
|----------------------------------------------|-----------------------------------------|-----------|
| LAT 303<br>or<br>GRK 303                     | Authors: [Topic]<br>or Authors: [Topic] | 4         |
| General-education course in arts and letters |                                         | 4         |
| General-education course in science          |                                         | 4         |
| General-education course in social science   |                                         | 4         |
| <b>Credits</b>                               |                                         | <b>16</b> |
| <b>Total Credits</b>                         |                                         | <b>44</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year**

|                                              |                                                                                   |           |  |
|----------------------------------------------|-----------------------------------------------------------------------------------|-----------|--|
| <b>Fall</b>                                  |                                                                                   |           |  |
| HIST 412                                     | Ancient Greece: [Topic]                                                           | 4         |  |
| ANTH 150<br>or<br>ANTH 340<br>or<br>ANTH 471 | World Archaeology<br>or Fundamentals of Archaeology<br>or Zooarchaeology: [Topic] | 4         |  |
| General-education course in science          |                                                                                   | 4         |  |
| General-education course in social science   |                                                                                   | 4         |  |
| <b>Credits</b>                               |                                                                                   | <b>16</b> |  |

|                                |                       |           |  |
|--------------------------------|-----------------------|-----------|--|
| <b>Winter</b>                  |                       |           |  |
| HIST 414                       | Ancient Rome: [Topic] | 4         |  |
| Upper-division elective course |                       | 4         |  |
| Elective course                |                       | 4         |  |
| <b>Credits</b>                 |                       | <b>12</b> |  |

|                                              |  |           |  |
|----------------------------------------------|--|-----------|--|
| <b>Spring</b>                                |  |           |  |
| Upper-division elective                      |  | 4         |  |
| General-education course in arts and letters |  | 4         |  |
| Elective courses                             |  | 8         |  |
| <b>Credits</b>                               |  | <b>16</b> |  |
| <b>Total Credits</b>                         |  | <b>44</b> |  |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year**

|                                 |  |           |  |
|---------------------------------|--|-----------|--|
| <b>Fall</b>                     |  |           |  |
| Upper-division elective courses |  | 8         |  |
| Elective course                 |  | 4         |  |
| <b>Credits</b>                  |  | <b>12</b> |  |

|                                 |  |           |  |
|---------------------------------|--|-----------|--|
| <b>Winter</b>                   |  |           |  |
| Upper-division elective courses |  | 8         |  |
| Elective course                 |  | 4         |  |
| <b>Credits</b>                  |  | <b>12</b> |  |

|                                |  |           |  |
|--------------------------------|--|-----------|--|
| <b>Spring</b>                  |  |           |  |
| Upper-division elective course |  | 4         |  |
| Elective courses               |  | 8         |  |
| <b>Credits</b>                 |  | <b>12</b> |  |
| <b>Total Credits</b>           |  | <b>36</b> |  |

## Classical Civilization Minor

The field of Classics embraces Greek and Roman culture from the prehistoric to the medieval periods. Through the study of classical

archaeology, students acquire a broad understanding of Greek and Roman sites and material culture. Although grounded in the study of Greek and Roman buildings, tools, and objects, the courses stress the cross-cultural influences and interactions that informed how people produced, used, and valued these materials as well. Through the study of classical literature in the original language and in English translation, and through the study of other areas encompassed by the classics, such as ancient history, philosophy, art history, mythology, and rhetoric, a student gains an understanding of the culture and ideals of the classical world and their influence on the languages and institutions of Western civilization.

## Classical Civilization Minor Requirements

| Code                                                | Title | Credits   |
|-----------------------------------------------------|-------|-----------|
| Lower- or upper-division courses from approved list |       | 8         |
| Upper-division courses from approved list           |       | 16        |
| <b>Total Credits</b>                                |       | <b>24</b> |

Students must have a grade point average of 2.50 or better in courses applied to the minor. At least four courses (typically 16 credits) must be taken at the University of Oregon.

## Approved Courses

| Code     | Title                                 | Credits |
|----------|---------------------------------------|---------|
| ANTH 145 | Principles of Archaeology             |         |
| ANTH 150 | World Archaeology                     |         |
| ANTH 342 | Archaeology of Egypt and Near East    |         |
| ANTH 349 | Origins of Art                        |         |
| ARH 204  | History of Western Art I              |         |
| ARH 314  | History of World Architecture I       |         |
| ARH 321  | Ancient Jewish Art                    |         |
| ARH 322  | Ancient Greek Art & Architecture      |         |
| ARH 323  |                                       |         |
| ARH 326  |                                       |         |
| ARH 421  | Ancient Mediterranean Art: [Topic]    |         |
| CLAS 110 | Classical Mythology                   |         |
| CLAS 201 | Greek Life and Culture                |         |
| CLAS 202 | Roman Life and Culture                |         |
| CLAS 301 | Greek and Roman Epic                  |         |
| CLAS 302 | Greek and Roman Tragedy               |         |
| CLAS 303 | Classical Greek Philosophers          |         |
| CLAS 310 | Early China, Ancient Greece           |         |
| CLAS 311 | Death and Rebirth in Greece and India |         |
| CLAS 314 | Gender and Sexuality in Antiquity     |         |
| CLAS 407 | Seminar: [Topic]                      |         |
| GRK 301  | Authors: [Topic]                      |         |
| GRK 302  | Authors: [Topic]                      |         |
| GRK 303  | Authors: [Topic]                      |         |
| GRK 411  | Authors: [Topic]                      |         |
| HIST 101 |                                       |         |
| HIST 104 | World History                         |         |
| HIST 412 | Ancient Greece: [Topic]               |         |
| HIST 414 | Ancient Rome: [Topic]                 |         |
| HUM 101  | Introduction to the Humanities I      |         |
| HUM 361  | Ancient Science and Culture           |         |

|          |                               |
|----------|-------------------------------|
| LAT 301  | Authors: [Topic]              |
| LAT 302  | Authors: [Topic]              |
| LAT 303  | Authors: [Topic]              |
| LAT 411  | Authors: [Topic]              |
| PHIL 421 | Ancient Philosophers: [Topic] |

## Greek Minor

The minor in Greek at the UO introduces students to the study of the ancient language and its literatures. After a year of introduction, students can expect to read and study closely such authors as Plato, Lysias, Euripides and Homer in the original Greek.

### Greek Minor Requirements

| Code                                              | Title | Credits   |
|---------------------------------------------------|-------|-----------|
| Upper-division Greek (GRK) courses <sup>1</sup>   |       | 16        |
| Upper-division elective courses (see table below) |       | 8         |
| <b>Total Credits</b>                              |       | <b>24</b> |

<sup>1</sup> Four credits of first-year Greek may be applied to this total.

Students must have a grade point average of 2.50 or better in courses applied to the minor. At least four courses (typically 16 credits) must be taken at the University of Oregon.

### Approved Elective Courses

| Code     | Title                                 | Credits |
|----------|---------------------------------------|---------|
| ANTH 342 | Archaeology of Egypt and Near East    |         |
| ANTH 349 | Origins of Art                        |         |
| ARH 314  | History of World Architecture I       |         |
| ARH 321  | Ancient Jewish Art                    |         |
| ARH 322  | Ancient Greek Art & Architecture      |         |
| ARH 323  |                                       |         |
| ARH 326  |                                       |         |
| ARH 421  | Ancient Mediterranean Art: [Topic]    |         |
| CLAS 301 | Greek and Roman Epic                  |         |
| CLAS 302 | Greek and Roman Tragedy               |         |
| CLAS 303 | Classical Greek Philosophers          |         |
| CLAS 310 | Early China, Ancient Greece           |         |
| CLAS 311 | Death and Rebirth in Greece and India |         |
| CLAS 314 | Gender and Sexuality in Antiquity     |         |
| CLAS 407 | Seminar: [Topic]                      |         |
| GRK 301  | Authors: [Topic]                      |         |
| GRK 302  | Authors: [Topic]                      |         |
| GRK 303  | Authors: [Topic]                      |         |
| GRK 411  | Authors: [Topic]                      |         |
| HIST 412 | Ancient Greece: [Topic]               |         |
| HIST 414 | Ancient Rome: [Topic]                 |         |
| HUM 361  | Ancient Science and Culture           |         |
| LAT 301  | Authors: [Topic]                      |         |
| LAT 302  | Authors: [Topic]                      |         |
| LAT 303  | Authors: [Topic]                      |         |
| LAT 411  | Authors: [Topic]                      |         |
| PHIL 421 | Ancient Philosophers: [Topic]         |         |

## Latin Minor

The UO Department of Classics introduces students to foundational concepts of Western culture and literature through the study of Roman history and culture. Undergraduate students can minor in Latin, giving them the opportunity to explore Roman history and culture through concentrated study on Latin language as well as related courses. Students read literature, philosophy, and history texts both in the original Latin and in translation.

### Latin Minor Requirements

| Code                                              | Title | Credits   |
|---------------------------------------------------|-------|-----------|
| Upper-division Latin (LAT) courses <sup>1</sup>   |       | 16        |
| Upper-division elective courses (see table below) |       | 8         |
| <b>Total Credits</b>                              |       | <b>24</b> |

<sup>1</sup> Four credits of first-year Latin may be applied to this total.

Students must have a grade point average of 2.50 or better in courses applied to the minor. At least four courses (typically 16 credits) must be taken at the University of Oregon.

### Approved Elective Courses

| Code     | Title                                 | Credits |
|----------|---------------------------------------|---------|
| ANTH 342 | Archaeology of Egypt and Near East    |         |
| ANTH 349 | Origins of Art                        |         |
| ARH 314  | History of World Architecture I       |         |
| ARH 321  | Ancient Jewish Art                    |         |
| ARH 322  | Ancient Greek Art & Architecture      |         |
| ARH 323  |                                       |         |
| ARH 326  |                                       |         |
| ARH 421  | Ancient Mediterranean Art: [Topic]    |         |
| CLAS 301 | Greek and Roman Epic                  |         |
| CLAS 302 | Greek and Roman Tragedy               |         |
| CLAS 303 | Classical Greek Philosophers          |         |
| CLAS 310 | Early China, Ancient Greece           |         |
| CLAS 311 | Death and Rebirth in Greece and India |         |
| CLAS 314 | Gender and Sexuality in Antiquity     |         |
| CLAS 407 | Seminar: [Topic]                      |         |
| GRK 301  | Authors: [Topic]                      |         |
| GRK 302  | Authors: [Topic]                      |         |
| GRK 303  | Authors: [Topic]                      |         |
| GRK 411  | Authors: [Topic]                      |         |
| HIST 412 | Ancient Greece: [Topic]               |         |
| HIST 414 | Ancient Rome: [Topic]                 |         |
| HUM 361  | Ancient Science and Culture           |         |
| LAT 301  | Authors: [Topic]                      |         |
| LAT 302  | Authors: [Topic]                      |         |
| LAT 303  | Authors: [Topic]                      |         |
| LAT 411  | Authors: [Topic]                      |         |
| PHIL 421 | Ancient Philosophers: [Topic]         |         |

## Classics (MA)

The Department of Classics currently offers the master of arts (MA) in classics with a focus on ancient languages and literatures. Students may focus their coursework on Greek, Latin, or Greek and Latin. In addition, the department offers a master of arts degree with a focus on classical archaeology and material culture.

Programs of study are arranged in consultation with two advisors, at least one of whom is a member of the Department of Classics, and comprise graduate courses selected from Anthropology (subject code ANTH), art history (ARH), Classics (CLAS), English (ENG), Latin (LAT), Greek (GRK), History (HIST), Philosophy (PHIL), and Religious Studies (REL).

### Program's Admission Requirements

Please visit the program's website (<https://cas.uoregon.edu/classics/apply/graduate-admissions/>).

Students earning a MA in Classics will be expected to demonstrate the following learning outcomes with proportionate emphasis given to the outcomes focused on the particular content area of the chosen concentration in Classics (Language and Literature; Classical Archaeology and Material Culture):

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Advanced proficiency in Latin and/or Greek, including competencies in reading and translating, and a socio-linguistic understanding of the language(s).
- Advanced understanding of the archaeology and material culture of Ancient Greek and Roman civilizations; the development of practical and analytical skills that allow students to critically interpret disparate bodies of material evidence, as well as to recognize and construct well-reasoned interpretations of ancient material culture.
- Advanced understanding of literature, art, and other artifacts from the cultures of the Greco-Roman world, and the capacity to situate them in their sociohistorical context, to identify, interpret, and discuss them, and to describe their later influence.
- Proficiency in a modern European language, which is a major carrier of secondary literature and research, usually French or German.
- Ability to write research papers, requiring advanced knowledge of a range of bibliographic resources.
- Classical Archaeology and Material Culture (p. 75)
- Languages and Literatures (p. 75)

## Master of Arts in Classics: Classical Archaeology and Material Culture

| Code                                        | Title                                                         | Credits |
|---------------------------------------------|---------------------------------------------------------------|---------|
| <b>Graduate Courses</b>                     |                                                               |         |
| CLAS 507                                    | Seminar: [Topic] (Topics in archaeology and material culture) | 8       |
| CLAS 611                                    | Introduction to Philological Methods                          | 4       |
| 600-level courses in residence <sup>1</sup> |                                                               | 9       |
| 500-level art history course <sup>2</sup>   |                                                               | 4       |
| 500-level anthropology course <sup>3</sup>  |                                                               | 4       |
| Additional graduate courses                 |                                                               | 22      |

|                                           |        |           |
|-------------------------------------------|--------|-----------|
| Select one of the following: <sup>4</sup> |        | 9         |
| GRK 503                                   | Thesis |           |
| LAT 503                                   | Thesis |           |
| CLAS 503                                  | Thesis |           |
| <b>Total Credits</b>                      |        | <b>51</b> |

- 1 Choose from Archaeology and Anthropology (ANTH 681), Professional Writing (ANTH 685), Archaeology and Anthropology (ANTH 681), Social Theory I (ANTH 688), Social Theory II (ANTH 689), Graduate Studies in Art History (ARH 611), Seminar: [Topic] (CLAS 607), Practicum: [Topic] (CLAS 606), Historical Methods and Writings (HIST 612).
- 2 Choose from Seminar: [Topic] (ARH 507) (when on relevant topics).
- 3 Practical Archaeobotany (ANTH 546).
- 4 The credits may be counted toward the 45-credit minimum. Satisfactory completion of the thesis includes an oral defense.
- 5 The candidate must, in consultation with his or her advisors, define a reading list for the translation part of the examination.

### Additional Requirements

- Complete the general MA requirements stipulated by the Division of Graduate Studies
- Pass with a grade of mid-B or better five courses in Greek and/or Latin authors

## Master of Arts in Classics: Languages and Literatures

| Code                                                                   | Title                                                                  | Credits   |
|------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|
| <b>Graduate Courses</b>                                                |                                                                        |           |
| CLAS 507                                                               | Seminar: [Topic] (or seminar in art history, history, Greek, or Latin) | 4         |
| CLAS 507                                                               | Seminar: [Topic] (topics in archaeology and material culture)          | 4         |
| CLAS 611                                                               | Introduction to Philological Methods                                   | 4         |
| 600-level courses in residence                                         |                                                                        | 9         |
| Additional graduate courses                                            |                                                                        | 30        |
| <b>Option 1</b>                                                        |                                                                        |           |
| Select one of the following: <sup>2</sup>                              |                                                                        | 9         |
| GRK 503                                                                | Thesis                                                                 |           |
| LAT 503                                                                | Thesis                                                                 |           |
| CLAS 503                                                               | Thesis                                                                 |           |
| <b>Option 2</b>                                                        |                                                                        |           |
| Two-part comprehensive examination: translation and essay <sup>3</sup> |                                                                        |           |
| <b>Total Credits</b>                                                   |                                                                        | <b>51</b> |

- 1 Equivalent courses taken as an undergraduate may fulfill this requirement.
- 2 The credits may be counted toward the 45-credit minimum. Satisfactory completion of the thesis includes an oral defense.
- 3 The candidate must, in consultation with his or her advisors, define a reading list for the translation part of the examination.

### Additional Requirements

- Complete the general MA requirements stipulated by the Division of Graduate Studies

- Pass with a grade of mid-B or better five courses in Greek and/or Latin authors
- Pass a translation examination in one modern language, usually French or German. This requirement may be fulfilled with a standardized examination offered by the university or by the successful translation of a significant scholarly text

Additional information may be obtained from the classics department and is included with the letter of admission.

## Comparative Literature

### Katya Hokanson, Department Head

247 PLC

1415 Kincaid St. University of Oregon

Eugene, OR 97403-5242

541-346-3947

complit@uoregon.edu

The University of Oregon offers major programs in comparative literature leading to the bachelor of arts (BA), bachelor of sciences (BS), and doctor of philosophy (PhD) degrees. In addition, comparative literature offers a compact minor program.

Interdisciplinary at its core, comparative literary study begins with the insistence that any artifact—whether from the realm of literature, cinema, the visual arts, or graphic and digital platforms—requires active attention and probing engagement. While the national literatures designate their subjects by language or cultural area, comparative literature provides for a pluralistic approach that bridges divides between languages and cultures, not to mention media.

Closely allied with critical theory, philosophy, and media studies, comparative literature is defined by an open-ended spirit of inquiry rather than a specific methodology or a preestablished canon of materials. Students of comparative literature develop a sense of their subject matter as they discover the meaning and method of their approach.

Oregon's graduate program, established in 1962, has an international reputation. It is the home of the founding journal in the field, *Comparative Literature*, and is closely involved with the leading national organization, the American Comparative Literature Association.

The department maintains an active schedule of lecture series, seminars, and workshops. In addition, comparative literature is the home of the Nomad Mentorship Program and *Nomad*, the journal of undergraduate criticism. Library holdings, which are strong in all areas of research in literature and other media, include an outstanding collection of journals and are augmented by an extensive interlibrary resources.

## Faculty

Michael Allan, associate professor (Arabic and Francophone literature, postcolonial studies, cinema). BA, 2000, Brown; PhD, 2008, California, Berkeley. (2008)

Monique Balbuena, associate professor (Jewish Studies, Sephardic Languages, Ladino, Poetry, French and Francophone Literatures, Latin American Studies). BA, 1988, MA, 1993, Federal University of Rio de Janeiro; PhD, 2003, California, Berkeley. (2004)

Steven T. Brown, professor (Japanese film, comparative film, popular culture). BA, 1987, Illinois, Urbana-Champaign; MA, 1988, PhD, 1993, Stanford. (1993)

Katherine "Katy" Brundan, senior instructor (18th- and 19th-century English and European literature, novel, media and popular culture). BA 1992, MA, 1996, Cambridge; PhD, 2006, Oregon (2013)

Kenneth S. Calhoon, professor (18th- and 19th-century German and European literature and thought, psychoanalysis, cinema). BA, 1979, Louisville; MA, 1981, PhD, 1984, California, Irvine. (1987)

Roy Chan, associate professor. See **East Asian Languages and Literatures**.

Katya E. Hokanson, associate professor (Russian literature, travel literature, cultural studies). BA, 1984, Williams; MA, 1988, PhD, 1994, Stanford. (1995)

Sangita Gopal, associate professor (cinema studies). BA, 1990, Calcutta; MA, 1995, PhD, 2000, Rochester. (2004)

Dawn Marlan, senior lecturer (history of the novel, gender studies, cinema). BA, 1989, Bennington; MA, 1992, PhD, 2000, Chicago. (2004)

Leah Middlebrook, associate professor (16th-century Spanish and French lyric, court culture, theories of the subject). BA, 1989, Columbia; MA, 1991, PhD, 1998, California, Berkeley. (2002)

Lanie Millar, associate professor (20th- and 21st-century Caribbean and Latin American literature, Luso-African literature, global south studies). BA, 2002, Baylor; MA, 2003, Middlebury College; PhD, 2011, Texas, Austin. (2013)

Jenifer Presto, associate professor (Russian literature, poetry, modernism). AB, 1985, Smith; MA, 1988, Middlebury; MA, 1989, PhD, 1996, Wisconsin, Madison. (2003)

Tze-Yin Teo, assistant professor (comparative, global, and transnational modernism; translation studies; literary theory). BA, 2009, National University of Singapore; PhD, 2015, Emory. (2015)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Participating

Stacy Alaimo, English

P. Lowell Bowditch, classics

Anita Chari, political science

Joyce Cheng, history of art and architecture

James R. Crosswhite, English

Dianne M. Dugaw, English

Cecilia Enjuto Rangel, Romance languages

Pedro García-Caro, Romance languages

D. Gantt Gurley, German and Scandinavian

Michael Hames-García, ethnic studies

Lamia Karim, anthropology

Martin Klebes, German and Scandinavian

Colin Koopman, Philosophy

Jeffrey S. Librett, German and Scandinavian

Massimo Lollini, Romance languages

Fabienne Moore, Romance languages

Dorothee Ostmeier, German and Scandinavian

Paul W. Peppis, English

F. Regina Psaki, Romance languages

Forest Pyle, English

Judith Raiskin, women's and gender studies

Sergio Rigoletto, Romance languages

Daniel Rosenberg, honors college

Gordon M. Sayre, English

Steven Shankman, English

Carol Silverman, anthropology

Beata Stawarska, philosophy

Michael Stern, German and Scandinavian

Analisa Taylor, Romance languages

Alejandro Vallega, philosophy

Daniela Vallega-Neu, philosophy

Yugen Wang, East Asian languages and literatures

Elizabeth A. Wheeler, English

Daniel N. Wojcik, English

## Undergraduate Programs

### Major - Bachelor's Degree

- Comparative Literature (BA/BS) (p. 77)

### Minor

- Comparative Literature (p. 80)

## Graduate Program

### Major - Doctoral Degree

- Comparative Literature (PhD) (p. 80)

## Comparative Literature (BA/BS)

The undergraduate program offers a unique major that cuts across disciplines, teaches critical skills, and provides an intellectually challenging curriculum that trains students to analyze, critique and contribute to culture while preparing them for possible careers in the

public humanities, media and multi-media, law, government, non-profit work, political activism and organization, public relations, advertising, or teaching. Students with a good background in one or more languages other than English find that the program gives them the opportunity to study literature and related cultural productions in a variety of historical and theoretical perspectives.

The program combines flexibility with a rigorous grounding in the basics of literary theory, cultural studies, and critical writing. Based on their interests, majors choose one of two tracks: language and culture or disciplines in dialogue. In the first, students develop proficiency in two linguistic traditions. In the second, students explore links between a single linguistic tradition and a nonliterary field. Both tracks are ideally suited to students considering either a double-major or a major and a minor, as students can combine their multiple interests into a single program of study.

A carefully designed core curriculum takes students through the basics of comparative literature as a discipline. Course work culminates with Capstone Seminar (COLT 415). This small seminar, capped at fifteen, offers both personalized attention and the sorts of pedagogical experiences that a small course enables, from workshop style formats to lengthier, individualized final projects. In addition, the Capstone allows students to work closely and collaboratively with other advanced students in their cohort.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Foreign-language proficiency: Majors are required to develop reading proficiency in at least one language other than English (many of our majors work in two). This requirement is fulfilled by the completion of three upper division courses in that language.
- National-Linguistic Fields: Majors are required to develop a familiarity with the literature and culture (including non-literary media and related cultural forms) in at least one national-linguistic tradition other than English (many of our majors work in two such traditions, though British or American literature is also fully acceptable as one of their two required fields). This requirement is satisfied by the completion of four upper-division courses in which materials are studied in the original language.
- Critical and Interpretive Reading: We endeavor to teach our students to read, not for merely plot or comprehension but with a heightened sensitivity to the ways in which literary works and related materials are informed by myriad linguistic ambiguities and shadings, by rhetorical and generic traditions, as well as by contexts that are themselves not "given" but are often only fully manifest in the texts they envelop.
- Theoretical Preparation: Comparative Literature has been defined historically not only by its multi-linguistic, cross-national habit but also by its emphasis on theoretical approaches—doubly important within a field in which students working in a variety of traditions cannot be expected to have a common textual base. We expect our majors to become familiar with a range of literary-theoretical orientations and to be able to apply them in the analysis of literary, cinematic or related works.
- Analytical Writing: Students are expected to be able to write probingly analytical essays that demonstrate not only a facility with various critical registers, but which also demonstrate an ability to read carefully and closely.



- Interdisciplinarity: Comparative analyses of literary and other works often hew closely to approaches developed in disciplines such as philosophy, linguistics, political thought, cultural history, religious studies, and more. Our students are expected to demonstrate a working awareness of the inherent interdisciplinarity of our field. This is more explicit in the “disciplines in dialogue” track of our major, but it is true also of our “literature and culture track.”
- Diversity: Diversity is “built in” to the structure of a field that, by definition, places different cultures in dialogue. Our program endeavors to extend our students’ awareness of diversity along multi-cultural axes.

Note: The courses that satisfy the learning outcome one and two requirements may overlap. Because these courses are taken under prefixes other than COLT, for example FR, IT, GER, SPAN, RUSS, JPN, success in these courses will reflect the learning outcomes developed by the home departments.

Comparative Literature Major Requirements

The comparative literature major offers two tracks, language and culture and disciplines in dialogue. In order to complete a bachelor’s degree in comparative literature in the language and culture track, it is necessary to complete the language and culture language requirement. Students may demonstrate language proficiency in any one of the following ways: 1) The student is a native speaker of a language other than English. 2) One of the upper-division courses used to complete the Primary Linguistic Tradition was taught in the target language; that is, the course must be a full-fledged literature or cinema course, not a course whose primary focus is language acquisition. 3) Three, 300-level (or higher) language courses in the same language (not English).

In order to complete a bachelor’s degree in comparative literature in the disciplines in dialogue track, it is necessary to complete at least the third term of the second year of a second-language course taught in the language (i.e., the language requirement for the Bachelor of Arts degree). Note that this requirement applies to students who seek both the Bachelor of Arts and the Bachelor of Science degree.

All coursework required for the comparative literature major and minor must be taken for a letter grade and passed with grades of mid-C or better. Online courses do not count toward the comparative literature major.

| Code                                                                        | Title                                | Credits |
|-----------------------------------------------------------------------------|--------------------------------------|---------|
| Language Requirement <sup>1</sup>                                           |                                      |         |
| Core Courses                                                                |                                      |         |
| Two COLT electives                                                          |                                      | 8       |
| COLT 301                                                                    | Approaches to Comparative Literature | 4       |
| or COLT 305                                                                 | Cultural Studies                     |         |
| Select one of the following:                                                |                                      | 4       |
| COLT 302                                                                    | Theories of Poetry                   |         |
| COLT 303                                                                    | Theories of the Novel                |         |
| 400-level COLT elective                                                     |                                      | 4       |
| COLT 415                                                                    | Capstone Seminar                     | 4       |
| Focus Fields Courses                                                        |                                      |         |
| Three upper-division courses in primary linguistic tradition <sup>1,2</sup> |                                      | 12      |

|                                                                                                                                                           |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Three upper-division courses in a secondary linguistic tradition (language and culture track) or a nonliterary discipline (disciplines in dialogue track) | 12 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----|

|               |    |
|---------------|----|
| Total Credits | 48 |
|---------------|----|

- <sup>1</sup> With the approval of the director of undergraduate studies, courses taken abroad may be used to fulfill this requirement.
- <sup>2</sup> One of these courses may be on a non-literary topic relevant to the field such as history or philosophy.

Honors in Comparative Literature

Comparative literature students may apply to enter the honors track during spring of their junior year. Admission to the honors track is based on the recommendation of a comparative literature faculty member, instructor, or a participating faculty member; a writing sample; and the student’s transcript. Materials should be submitted by week 2 of spring term of the junior year. Completion of the honors track requires the successful completion of a bachelor of arts honors thesis. Students invited to participate in the Honors Track will develop and present a thesis prospectus in the fall term of their senior year. The thesis must be comparative in nature, and should entail work in both of the student’s focus fields. If the prospectus is approved by the director of undergraduate studies, then the student enrolls in Thesis (COLT 403) during winter of the senior year. The full draft of the thesis is due by the end of week 10 of winter term. The thesis is completed under the supervision of the thesis advisor, and must be submitted to both the advisor and a second reader by the fifth week of spring term. The thesis must then be approved by the advisor and second faculty member after a formal presentation and defense, which will be held in spring term. The thesis advisor and the second reader should be chosen from the comparative literature faculty or participating faculty. With approval of the director of undergraduate studies, a second reader who is not a participating member may be chosen from another department.

Tracks within the Major

Because there are many different ways of thinking about literature from a comparative perspective, two emphases within the major are offered. One track, language and culture, features comparative study across different linguistic traditions. This track is recommended for students who want to study abroad, attend graduate school in comparative literature, or want to gain an in-depth understanding of linguistic cultures in addition to their own. A second track, disciplines in dialogue, requires less formal language study and allows students to combine the critical study of literature with work in another field. This emphasis offers a manageable path for students considering a double major in literature and another discipline. It is also well-suited to students who want to combine literary and cinema studies with creative writing, performance, the visual arts, philosophy, history, and journalism.

Language and Culture Track

Students in this track designate two linguistic traditions, a primary linguistic tradition and a second linguistic tradition. In addition, the language chosen to fulfill the language requirement should coincide with one of these national-linguistic traditions. The linguistic traditions commonly studied for the comparative literature major are listed below. Other traditions may be chosen, but must be approved by the department.

- Arabic
- Chinese

- Classics
- English
- French
- German
- Greek
- Italian
- Japanese
- Korean
- Romance Languages
- Russian
- Scandinavian
- Spanish

## Disciplines in Dialogue Track

Students in this track designate one linguistic tradition and one additional disciplinary field. Courses taken in this disciplinary field may be spread out across several subject codes, with the approval of the director of undergraduate studies. The disciplinary focus fields commonly studied for the comparative literature major are listed below. An individualized course of study may be chosen, but must be approved by the department:

- African Studies
- Anthropology
- Art
- Art History
- Asian Studies
- Black Studies
- Business
- Cinema Studies
- Computer Science
- Comics and Cartoon Studies
- Creative Writing
- Dance
- Economics
- Environmental Studies
- Folklore
- Global Studies
- History
- Indigenous, Race, and Ethnic Studies
- Journalism
- Judaic Studies
- Latin American Studies
- Linguistics
- Music
- Philosophy
- Planning, Public Policy, and Management
- Political Science
- Psychology
- Religious Studies
- Sociology
- Theater Arts
- Women and Gender Studies

Students are strongly advised to complete their language requirement in a language relevant either to their linguistic tradition or to their disciplinary field.

## Languages

The study of comparative literature entails advanced interdisciplinary work. Students who pursue the languages and culture track work across and between languages, and develop proficiencies beyond the two years required for the UO Bachelor's of Arts Degree. This proficiency can be

demonstrated in a number of ways (see below). Students who pursue the disciplines in dialogue track develop the language proficiency required for the UO Bachelor of Arts Degree.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Comparative Literature

| Course                                              | Title                                  | Credits   | Milestones |
|-----------------------------------------------------|----------------------------------------|-----------|------------|
| <b>First Year</b>                                   |                                        |           |            |
| <b>Fall</b>                                         |                                        |           |            |
| COLT 101                                            | Introduction to Comparative Literature | 4         |            |
| WR 121Z                                             | Composition I                          | 4         |            |
| First term of first-year second-language sequence   |                                        | 4         |            |
| Core education course                               |                                        | 4         |            |
| <b>Credits</b>                                      |                                        | <b>16</b> |            |
| <b>Winter</b>                                       |                                        |           |            |
| COLT 102                                            | Introduction to Comparative Literature | 4         |            |
| Second term of first-year second-language sequence  |                                        | 4         |            |
| WR 122Z                                             | Composition II                         | 4         |            |
| or WR 123 or College Composition III                |                                        |           |            |
| Core education course                               |                                        | 4         |            |
| <b>Credits</b>                                      |                                        | <b>16</b> |            |
| <b>Spring</b>                                       |                                        |           |            |
| COLT 103                                            | Introduction to Comparative Literature | 4         |            |
| Third term of first-year second-language sequence   |                                        | 4         |            |
| Core education courses                              |                                        | 8         |            |
| <b>Credits</b>                                      |                                        | <b>16</b> |            |
| <b>Total Credits</b>                                |                                        | <b>48</b> |            |
| <b>Second Year</b>                                  |                                        |           |            |
| <b>Fall</b>                                         |                                        |           |            |
| Lower-division COLT course                          |                                        | 4         |            |
| First term of second-year second-language sequence  |                                        | 4         |            |
| Core education courses                              |                                        | 8         |            |
| <b>Credits</b>                                      |                                        | <b>16</b> |            |
| <b>Winter</b>                                       |                                        |           |            |
| Lower-division COLT course                          |                                        | 4         |            |
| Second term of second-year second-language sequence |                                        | 4         |            |
| Core education course                               |                                        | 8         |            |
| <b>Credits</b>                                      |                                        | <b>16</b> |            |
| <b>Spring</b>                                       |                                        |           |            |
| Lower-division COLT course                          |                                        | 4         |            |
| Third term of second-year second-language sequence  |                                        | 4         |            |
| Core education courses                              |                                        | 8         |            |
| <b>Credits</b>                                      |                                        | <b>16</b> |            |
| <b>Total Credits</b>                                |                                        | <b>48</b> |            |

| Course                                         | Title                                                         | Credits   | Milestones                               |
|------------------------------------------------|---------------------------------------------------------------|-----------|------------------------------------------|
| <b>Third Year</b>                              |                                                               |           |                                          |
| <b>Fall</b>                                    |                                                               |           |                                          |
| COLT 301                                       | Approaches to Comparative Literature                          | 4         |                                          |
| Upper-division language course                 |                                                               | 4         |                                          |
| Upper-division course in primary focus field   |                                                               | 4         |                                          |
| Upper-division course in secondary focus field |                                                               | 4         |                                          |
| <b>Credits</b>                                 |                                                               | <b>16</b> |                                          |
| <b>Winter</b>                                  |                                                               |           |                                          |
| COLT 302 or COLT 303 or COLT 304               |                                                               | 4         |                                          |
| Upper-division language course                 |                                                               | 4         |                                          |
| Upper-division course in secondary focus field |                                                               | 4         |                                          |
| Core education course                          |                                                               | 4         |                                          |
| <b>Credits</b>                                 |                                                               | <b>16</b> |                                          |
| <b>Spring</b>                                  |                                                               |           |                                          |
| COLT 305                                       | Cultural Studies (COLT 301 Fall Term or COLT 305 Spring Term) | 4         |                                          |
| Upper-division language course                 |                                                               | 4         | Complete third-year language proficiency |
| Upper-division course in primary focus field   |                                                               | 4         |                                          |
| Elective course                                |                                                               | 4         |                                          |
| <b>Credits</b>                                 |                                                               | <b>16</b> |                                          |
| <b>Total Credits</b>                           |                                                               | <b>48</b> |                                          |
| <b>Fourth Year</b>                             |                                                               |           |                                          |
| <b>Fall</b>                                    |                                                               |           |                                          |
| COLT 415                                       | Capstone Seminar                                              | 4         |                                          |
| Upper-division course in primary focus field   |                                                               | 4         |                                          |
| Upper-division course in secondary focus field |                                                               | 4         |                                          |
| Elective course                                |                                                               | 4         |                                          |
| <b>Credits</b>                                 |                                                               | <b>16</b> |                                          |
| <b>Winter</b>                                  |                                                               |           |                                          |
| 400-level COLT course                          |                                                               | 4         |                                          |
| Elective courses                               |                                                               | 12        |                                          |
| <b>Credits</b>                                 |                                                               | <b>16</b> |                                          |
| <b>Spring</b>                                  |                                                               |           |                                          |
| Elective courses                               |                                                               | 16        |                                          |
| <b>Credits</b>                                 |                                                               | <b>16</b> |                                          |
| <b>Total Credits</b>                           |                                                               | <b>48</b> |                                          |

## Comparative Literature Minor

Comparative Literature students have a passion for words, images, and ideas. They are drawn to stories, and they understand the power of representation. They think across disciplines and challenge existing frameworks. They are creative, critical, and committed to imagining a more just world.

The Comparative Literature minor offers an opportunity for students to pursue an interest in world literature and film without advanced language study.

## Minor Requirements

The comparative literature minor offers an opportunity for students to pursue an interest in world literature and film without advanced language study.

| Code                                                                            | Title                                | Credits   |
|---------------------------------------------------------------------------------|--------------------------------------|-----------|
| COLT 301                                                                        | Approaches to Comparative Literature | 4         |
| Four COLT courses (at least two upper-division courses)                         |                                      | 16        |
| Two upper-division literature or film courses in same subject area <sup>1</sup> |                                      | 8         |
| <b>Total Credits</b>                                                            |                                      | <b>28</b> |

<sup>1</sup> Courses may be taught within the Department of Comparative Literature or in other departments and may be taken abroad or away from the University of Oregon

## Comparative Literature (PhD)

The graduate program in comparative literature is founded on the conviction that literary traditions are best understood when contextualized across national and cultural boundaries. To thrive professionally, every scholar in the discipline must be closely trained in a primary national literature, proficient in at least three languages, and attuned to the importance of philology, bibliography, and linguistic training. At the same time, a commitment to comparative study requires a firm grasp of translation among languages and media and the history of reading practices, as well as aesthetic and cultural theory.

Students are admitted to the graduate program with the expectation that they will work toward the PhD degree. At present the Department of Comparative Literature does not offer a terminal master's degree. Instead, students become eligible for the MA on passing their PhD qualifying exams.

### Program's Admission Requirements

Please visit the program's website (<https://complit.uoregon.edu/admissions/>).

The component parts of the doctoral program in Comparative Literature constitute an apprenticeship to a profession that requires the learning outcomes listed below.

### Program Learning Outcomes

- Upon successful completion of this program, students will be able to:
- Publish as a means to establish oneself as a part of a professional community.
  - Become conversant with the principal texts, discussions and problems in and across at least two fields of study (thus, "comparative").
  - Be proficient in multiple languages, such that advanced research and analysis can be carried out in a chosen field or fields of study.

#### The key benchmarks in this apprenticeship are:

- The successful completion of coursework and/or examination in languages relevant to a doctoral student's area of research.
- The Third-Year article.
- The successful completion of a written exam.

- The successful completion of a comprehensive oral exam.
- The successful completion and defense of a doctoral dissertation.

## Overview of Requirements

Within their first three years of graduate study, students must complete the language requirement, six foundation courses, at least five courses in the primary field, and at least four courses in the secondary field. In addition, students select at least three elective courses in consultation with their faculty advisors; these courses may be tangential to their main research interests or distributed according to those interests. The foundation courses include Graduate Studies in Translation (COLT 613), Graduate Studies in Comparative Literature (COLT 614), Graduate Studies in Comparative Literature (COLT 615), Transmedial Aesthetics (COLT 616), and at least two other graduate-level COLT courses. Courses applied to the degree must be passed with a grade of B+ or better, and students must maintain a grade point average of at least 3.50 in all graduate-level courses in order to remain in good standing in the program.

After completing all course work and language requirements, students are eligible to take their written and oral PhD qualifying examinations. Following successful completion of the exams, students submit a prospectus and meet with their committees for the prospectus conversation. A satisfactory prospectus conversation is required for advancement to candidacy. The approximate time from completion of course work to advancement is one year. Typically, the dissertation is completed within two years of advancing to candidacy.

## Foundation Courses

The graduate program provides a solid foundation in theoretical and historical methods integral to comparative literature and relevant to working across national literary traditions, historical periods, theoretical paradigms, and media. Through these courses, students are expected to acquire a comprehensive understanding of scholarly method, encountering not only contemporary texts and theorists but also the history of the field, including the central controversies, crucial debates, and cultural contexts that have shaped its development. The student must complete six graduate-level foundation courses; these courses are Graduate Studies in Translation (COLT 613), Graduate Studies in Comparative Literature (COLT 614), Graduate Studies in Comparative Literature (COLT 615), Transmedial Aesthetics (COLT 616), and two others selected from among the COLT graduate course offerings.

## Primary Field

The majority of comparative literature graduates are hired to teach in national literature departments and not in interdisciplinary programs. For this reason it is crucial that students develop a primary research field that is based either in a single national literature (e.g., Japanese literature) or in a single linguistic-cultural tradition that crosses national boundaries (e.g., Latin American literature). Depending on the relative breadth of a student's prior training, the primary field may be further delimited according to a period (e.g., postwar Japan) or a genre (e.g., German drama) or even an artistic movement (e.g., French postmodernism).

The student must complete five graduate-level courses in the primary field; at least three of the courses should share the same department subject code.

## Secondary Field

This field complements the research within the primary field, either by providing counterpoint or a needed context. There are three ways to

define one's secondary field. Most commonly, it represents a second national literature (e.g., Spanish literature) or a linguistic-cultural tradition that crosses national boundaries (e.g., Latin American literature). In addition, where two or more national-linguistic traditions share a common literary history—for example, within a given region or artistic movement—the secondary field may be defined in comparative terms (e.g., the Continental Renaissance, Caribbean literature, or East Asian film). Finally, the secondary field can eschew literary categories altogether in order to represent an alternative disciplinary focus (e.g., religious studies).

At least four graduate-level courses must be taken in the secondary field. Three of them should share the same department subject code. At the discretion of the director of graduate studies, the three courses with shared subject code may be spread out over the secondary, foundation, and elective fields.

## Electives

Three of the program's required 18 graduate-level courses are electives and should be chosen in consultation with an advisor. The electives may cover a wide range of interests or may be carefully distributed among the three research fields to fill gaps or achieve greater depth. Some students may wish to devote their electives to a fourth field of research (e.g., a third national literature). Students hoping to pursue this option are urged to meet with the director of graduate studies as soon as possible.

## Language Requirement

Work in at least three languages is expected at all phases of the program, from course work to the dissertation. The language requirement addresses this expectation by ensuring both linguistic proficiency and a minimum level of graduate course work in all three languages. Students are required to complete graduate-level work in their languages. The following guidelines apply: (1) at least two graduate courses must be taken in each language to meet this requirement and should ideally be taught by a specialist in the target language; (2) the seminar paper for each course should demonstrate competency dealing with the target language and should be suitable for publication in the national literature field. The seminar paper for each of the two non-English languages must be submitted to the department at the end of the course for approval. The language requirement must be satisfied by the end of the third year.

## Timetable from Entrance to Examinations

### Advisors

During their first two terms of study (fall and winter), students are advised by the director of graduate studies. By Monday of week two of the third term, each student formally identifies an interim advisor—a faculty member who agrees to mentor the student through the completion of the first-year conversation and the first two terms of the second year.

By Monday of week two of the spring term of the second year, the student will have chosen his or her advisor of record. This advisor, who will be competent in the student's primary research interests, will mentor the student through the second-year review and the third year of study.

## First Year

### First-Year Statement

By Friday of week four of spring term, first-year students, in consultation with their interim advisors, submit a two- to three-page statement of purpose. It should identify and justify the primary and secondary fields the student intends to pursue—the general fields of study that form the backbone of a scholar's research profile. It should also clarify the

relationship between the students’ research languages and research fields, and indicate what linguistic study is necessary to complete the proposed course of study.

First-Year Conversation

In week six or seven of spring term, the first-year student, his or her interim advisor, the director of graduate studies, and one other comparative literature faculty member meet for a conversation about the first-year statement. They evaluate the student’s progress to date, including course work and language examinations, discuss the intended fields, and offer guidance for the remaining two years leading to the qualifying examination. With their approval of the statement and the student’s general plan, as well as successful completion of all first-year course work with a GPA of 3.50, the student may proceed to the second year. A brief memo written by the student that summarizes the conversation is due to the department by Wednesday of week eight.

Second Year

Third-Year Article

During the second year, as part of preparation for publication in the field, students are required to begin expanding a seminar paper into an article for submission to a journal. Workshops are held to prepare students to write an article and select an appropriate publication venue. This process is meant to provide step-by-step guidance in publishing before the student advances to candidacy.

Second-Year Review

By Monday of week two in spring term of the second year, a student will have chosen the advisor of record. In consultation with that advisor, the student must write a careful self-review of his or her progress to date. The review should revisit both the first-year statement and the report of the first-year conversation. In particular, any recommendations made by the first-year conversation committee should be assessed: how were these recommendations pursued and with what result? The designation of the three research fields should also be addressed, along with any shifts in focus that have proved necessary or desirable. The review should explain what course work remains to be completed, and, where appropriate, should outline a plan for the completion of that work. Any problems in performance or concerns about timely progress should also be addressed. The second-year review must be approved by the advisor of record and submitted by Monday of week eight of spring term. The graduate committee reviews these reports, and small revisions and clarifications may be required before they approve the document. With approval of the review and completion of all second-year course work with a GPA of 3.50, the student may proceed to the third year.

Third Year

Third-Year Article

During the first term of the third year, the student will finalize the third-year article in consultation with an advisor in preparation for submitting it for peer review. By Friday of week five of spring term of the third year, the student will submit this article to the department along with a cover letter addressed to an appropriate journal.

Completion of Course Work and Language Requirement

The program is designed so that students may complete all course work and language requirements by the end of their third year. By Friday of week nine of spring term of the third year, students submit the course work and language requirement completion form for approval by the director of graduate studies and the graduate committee.

PhD Degree Requirements

| Code                                                                               | Title                                      | Credits |
|------------------------------------------------------------------------------------|--------------------------------------------|---------|
| Foundation Courses                                                                 |                                            |         |
| Six foundation courses: the four listed below and two other graduate COLT courses. |                                            |         |
| COLT 613                                                                           | Graduate Studies in Translation            | 4-5     |
| COLT 614                                                                           | Graduate Studies in Comparative Literature | 5       |
| COLT 615                                                                           | Graduate Studies in Comparative Literature | 5       |
| COLT 616                                                                           | Transmedial Aesthetics                     | 5       |

Primary Field Courses

At least five graduate courses <sup>1</sup>

Secondary Field Courses

At least four graduate courses <sup>2</sup>

Electives

At least three graduate courses <sup>3</sup>

- <sup>1</sup> At least three of the courses should share the same departmental subject code.
- <sup>2</sup> Three courses should share the same departmental subject code. At the discretion of the director of graduate studies, the three courses with shared subject code may be spread out over the secondary, foundation, and elective fields.
- <sup>3</sup> Choose electives in consultation with an advisor.

Additional Requirements

- Successfully passing the PhD qualifying exams
- Writing dissertation prospectus
- Dissertation

Examination Committee

By the beginning of spring term of the third year, each student selects an examination committee consisting of the advisor of record and two additional faculty members. Of these three, one represents the student’s primary field of research (commonly the advisor of record), another represents the secondary field, and a third member is designated the committee chair. The third member also serves as chief mentor for the student’s foundation field, advising him or her on the reading list inclusions from that field. All members must sign an agreement form to participate in the exam committee, and all must approve the exam statement and reading list. By Monday of week two in spring term of the third year, students must submit their examination committee membership to the department. Students who have chosen an additional fourth field of research may choose to be tested in that field as well. The logistics of this option should be pursued with the director of graduate studies as early in the process as possible. The examination committee membership must be approved by the director of graduate studies.

Examination Statement and Reading List

In consultation with the exam committee members, each student determines his or her examination fields. These fields correspond to the primary, secondary, and foundation research fields, but are usually narrower and more specialized in scope. Students then devise a reading list covering each field. Each list should include approximately fifteen to twenty primary items (an item is an author and a work or works that represent the author’s perspective as a whole). Each field list should also include a separate sublist of pertinent critical-secondary works. Exam



committee members can provide assistance in choosing the works on this list.

Students must also compose a six- to eight-page statement that defines the student's core interests, defends the examination fields, clarifies the scope of the reading list, and offers some indication of the future dissertation project and career aspirations for which this reading list provides the necessary comprehensive background and preparation. After being approved by all the examiners, the exam statement and reading list are submitted to the department by the end of week nine in spring term of the third year. Prior to final approval, the exam statement and reading list are reviewed by the graduate committee, which may have additional recommendations and queries. Occasionally, these recommendations may be substantive enough to require additions to or deletions from the list and a resubmission process. Changes to the statement and list may be made no later than four weeks prior to the first written exam and must be approved by both the director of graduate studies and the examination committee members.

When the graduate committee and director of graduate studies have approved the Course Work and Language Requirements Completion Form and the exam statement and reading list, the student may proceed with the examination process.

## Overview of Fourth Year

The fourth year is dedicated to completing the doctoral examinations and writing the dissertation prospectus. Typically, students prepare for the exams over the summer and early fall, sit for the written and oral exams by the end of fall term, and complete the prospectus by the middle of spring term. The prospectus conversation must be held by the beginning of week 10 of spring term in the fourth year, so that students may advance to candidacy in a timely manner at the end of spring term.

## Written Examination

In this phase, students compose three essays over three 24-hour periods spread out over three weeks (weeks five, six, and seven of fall term in the fourth year). The first essay covers the primary field, with questions submitted by the examiner representing that field; the second covers the secondary field in the same manner; the third essay is comparative, addressing texts from both the primary and secondary fields, with questions submitted by all three examiners. For the primary and secondary field exams, students choose between two questions; for the comparative exam, they choose one of three questions. No exam will cover the foundation field. Instead, the examiners will explore the full gamut of the student's reading list with questions designed to ascertain the student's mastery of his or her methods as applied to the primary and secondary fields.

The three examiners all grade and comment on the comparative essay and read the field exams. The two field exams are graded separately and commented upon by the responsible examiners, except in the case of a failing grade. In this circumstance, the student's essay is graded by the other two examiners, as well. If two out of three examiners fail an essay, the student may retake the exam in that area in the following term. The exam may be retaken no more than once. If more than one of the student's essays fails, or if the student fails a retake exam, he or she does not proceed to candidacy, but may be eligible for a terminal master's degree. Grades for these exams are high pass, pass, or no pass. Students learn their exam results in week nine of fall term—that is, two weeks after completion of the final essay.

## Oral Examination

The oral examination is scheduled during week 10 or 11 of fall term; it is proctored by the exam committee chair and is usually two hours in length. The committee and the student revisit the written examinations, discussing areas of strength and weakness. In addition, the examiners may explore the student's expertise more deeply by asking questions about reading list materials not covered during the written exams.

While no grade is assigned for performance on the oral exam, the committee may determine recommendations and even requirements for future study, including retaking the oral examination. Recommendations are communicated in person to the student at the conclusion of the exam and in writing to the director of graduate studies as part of the committee chair's report on the exam. If substantive requirements or concerns have been articulated, the director of graduate studies will determine any official course of action to be taken.

For students who have failed one or more parts of the written exam, no oral examination will be held; instead, the time designated for the oral exam will be dedicated to a meeting with the student, the exam committee, and the director of graduate studies. Participants review the exam performance, discuss a possible retake exam, and/or review the advisability of a terminal master's degree.

## Prospectus and Doctoral Candidacy

By Friday of week five of winter term in the fourth year, the student must designate a dissertation committee, including the dissertation chair and outside reader. The director of graduate studies must approve this committee. For details concerning faculty eligibility, students should refer to the Division of Graduate Studies' Dissertation Committee Policy at [gradschool.uoregon.edu/committee-policy](http://gradschool.uoregon.edu/committee-policy).

Committee members should be consulted during the process of writing the dissertation prospectus. A first draft of the prospectus should be submitted to the members of the dissertation committee by Friday of week 10 of winter term. A completed draft of the prospectus, approved by all four committee members, must be submitted by Friday of week five of spring term in the fourth year. After final approval from the director of graduate studies, the prospectus conversation is scheduled between weeks seven and nine of spring term.

A prospectus is not a first dissertation chapter; it is a snapshot of the dissertation project as envisioned by the student, prior to the completion of the bulk of his or her research. The prospectus is typically 10 to 15 pages in length. It should include a clear, concise examination of the problem to be studied, along with a compelling sense of the larger issues at stake in the project, both for the immediate topic and for the field at large. In addition, the prospectus should provide a clear vision of the project's trajectory: a narrative account of the dissertation's structure, an outline of chapters, and a justification for the particular authors and texts to be examined. A substantial research bibliography should be appended.

## Prospectus Conversation

The prospectus conversation is scheduled between weeks seven and nine of spring term in the fourth year. This conversation, which includes the members of the dissertation committee, is facilitated by the committee chair and helps to develop the student's plans for the dissertation. Areas of strength and weakness in the project are discussed, and specific recommendations about structure, bibliography, and method are presented. After successful completion of this conversation, and with

approval of the director of graduate studies and the graduate committee, the student advances to candidacy.

Dissertation

The dissertation, which is defended in a final oral presentation, is typically completed within two years of advancement to candidacy. Dissertations in a discipline such as comparative literature can hardly be said to follow exact specifications, but as a general principle any such project should involve at least two authors, works, and national literatures, and an explicit methodological orientation.

Creative Writing

Daniel D. Anderson, Program Director

541-346-3944  
108 Alder Building  
5243 University of Oregon  
Eugene, Oregon 97403-5243

Faculty

Daniel Anderson, professor (poetry). BA, 1987, Cincinnati; MA, 1989, Johns Hopkins. (2010)

Jason Brown, associate professor (fiction). BA, 1991, Bowdoin; MFA, 1995, Cornell. (2011)

Marjorie Celona, associate professor (fiction). BA, 2006, Victoria; MFA, 2009, Iowa. (2015)

Geri Doran, professor (poetry). BA, 1986, Vassar; MFA, 1995, Florida. (2007)

Garrett K. Hongo, College of Arts and Sciences Distinguished Professor (poetry). BA, 1973, Pomona; MFA, 1980, California, Irvine. (1989)

Mat Johnson, Philip H. Knight Chair of the Humanities, professor (fiction), BA, 1993, Earlham College; MFA, 1999, Columbia. (2018)

Brian Trapp, Kidd Program Director, career instructor (fiction), BA, 2005, Ohio University; PhD, 2015, Cincinnati. (2015)

Karen Thompson Walker, assistant professor (fiction). BA, 2002, California, Los Angeles; MFA, 2006, Columbia. (2017)

Emeritus

Richard M. Lyons, professor emeritus. BA, 1957, Brooklyn; MFA, 1962, Iowa. (1969)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

Undergraduate Program

Minor

- Creative Writing (p. 84)

Graduate Program

Major - Master's Degree

- Creative Writing (MFA) (p. 85)

Creative Writing Minor

Students who elect to minor in Creative Writing represent a variety of majors from across the University of Oregon campus. Architecture, Psychology, English, Biology, Journalism, Art History, Classics, Ethnic Studies, Sociology, and Public Relations are just a few of the fields of studies of our past minors. All Creative Writing students enjoy small classes with a highly dedicated faculty.

Imagination and creative are certainly points of emphasis in our courses, but they are in equal balance with an emphasis on critical inquiry and the concise articulation of ideas in the workshop process. Our conversations may be about our art, but they are not *just* about our art. They require compassion and clarity, kindness and honesty. We believe the skills a successful Creative Writing student develops transcend any given workshop in Poetry, Fiction, or Nonfiction. The skills we foster in the Creative Writing Program will serve the aspiring English teacher, medical student, entrepreneur, and computer scientist alike.

For those students interested in pursuing the M.F.A. degree, the Creative Writing Minor signals a serious commitment to craft, and will provide students significant and refined portfolio materials for their applications.

Undergraduate Studies

The Creative Writing Program offers two formal courses of study for University of Oregon undergraduates:

Minor in Creative Writing

The creative writing minor offers courses in which students study matters of craft by reading and writing creative works, develop critical thinking and interpretive skills, hone their ability to articulate complex ideas with subtlety and clarity, and gain instruction in the mechanics of writing. Students must take courses for letter grades. Course work required for the minor must be passed with grades of B– or better.

Of the 24 required credits, a maximum of 8 credits at the 200 or 300 level may be transferred. All courses at the 400 level must be taken in residence at the University of Oregon.

| Code                                         | Title                                                           | Credits |
|----------------------------------------------|-----------------------------------------------------------------|---------|
| Select two from one of the following groups: |                                                                 | 8       |
| Group 1                                      |                                                                 |         |
| CRWR 225                                     | Kidd Workshop I <sup>1</sup>                                    |         |
| CRWR 235                                     | Kidd Workshop II Poetry <sup>1</sup>                            |         |
|                                              | or CRWR 24Kidd Workshop II: Fiction                             |         |
| Group 2                                      |                                                                 |         |
| CRWR 230                                     | Introduction to Poetry Writing                                  |         |
| CRWR 240                                     | Introduction to Fiction Writing                                 |         |
| Select two of the following:                 |                                                                 | 8       |
| CRWR 330                                     | Intermediate Poetry Writing <sup>2</sup>                        |         |
| CRWR 335                                     | Kidd Workshop III: Poetry <sup>1</sup>                          |         |
|                                              | or CRWR 34Kidd Workshop III: Fiction                            |         |
| CRWR 336                                     | Intermediate Creative Writing: Literary Nonfiction <sup>2</sup> |         |
| CRWR 340                                     | Intermediate Fiction Writing <sup>2</sup>                       |         |
| Select two of the following:                 |                                                                 | 8       |
| CRWR 407                                     | Seminar: [Topic]                                                |         |
| CRWR 413                                     | Literature for Poets <sup>2</sup>                               |         |

|                      |                                             |
|----------------------|---------------------------------------------|
| CRWR 414             | Literature for Fiction Writers <sup>2</sup> |
| CRWR 435             | Advanced Poetry Writing <sup>2</sup>        |
| CRWR 445             | Advanced Fiction Writing <sup>2</sup>       |
| <hr/>                |                                             |
| <b>Total Credits</b> | <b>24</b>                                   |

<sup>1</sup> Nontransferable. Kidd Tutorial courses are by application only.

<sup>2</sup> Repeatable for credit.

Questions regarding the minor should be addressed to the program director. Students must apply for the minor through the program's office well in advance of graduation for transcript evaluation. In order to be eligible for the minor, students must complete all degree requirements and a major in another academic department.

## Kidd Tutorial Program

Implemented through the generosity of the Walter P. Kidd family, this yearlong tutorial offers the chance to study writing and literary craft using literary models. The program, which requires a three-term commitment from participants, accommodates a highly flexible and individualized study of fiction, poetry, and literary nonfiction writing. Each section matches one graduate employee—a poet or fiction writer—with as many as 10 students and is overseen by the director of the Kidd Tutorial Program. Participants earn 12 credits in Kidd Workshop I (CRWR 225), Kidd Workshop II Poetry (CRWR 235), Kidd Workshop III: Poetry (CRWR 335) or Kidd Workshop I (CRWR 225), Kidd Workshop II: Fiction (CRWR 245), Kidd Workshop III: Fiction (CRWR 345). Information about application procedures is available on the program's website.

## Creative Writing (MFA)

The Creative Writing Program at the University of Oregon is a two-year residency in which **Master of Fine Arts (MFA)** students concentrate in either poetry or fiction. The Program emphasizes the workshop, integrating concentrated time for writing with craft seminars and individualized reading tutorials.

You'll hear our program is not for the faint of heart. It isn't—and we're proud of that. We hope to offer our students the rigorous apprenticeship we undertook with our own teachers.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Proficiency in close reading. We expect our MFA candidates to read widely and meticulously while pursuing their studies. Our aim is for each student to encounter a variety of historical periods, aesthetic styles, and critical approaches. Any student graduating from our program should be capable of examining a single text for its many formal conventions and the style or styles with which it is conversant.
- Development of vocabularies for assessing literature, with an emphasis on craft. Our graduate students are expected to acquire the clear and sophisticated language that enables them to speak at length about a range of craft considerations for any single piece of literature. This applies to the published works they encounter in our craft seminars, but it is equally essential in the Creative Writing Workshop, when they comprehensively critique the works of their peers.
- Application of the formal elements of craft in either genre. We expect our apprentice poets and fiction writers to be able to identify, assess, and deploy many of the formal conventions they encounter in the

Creative Writing workshop and craft seminar. We believe that the practice of exploring formal challenges is necessary for the MFA student in order to build on his or her own resources as an artist. We especially believe that a knowledge of such conventions is a responsibility of any writer in our MFA program.

- Familiarity with fundamental concepts, forms, modes, and traditions in literary fiction and/or poetry. At the graduate level, this outcome is particularly geared toward and measured by the MFA exam that all of our graduating students take at the end of their second year. Our expectation is that our students will demonstrate a command of the texts they have encountered while earning their degrees, along with the multitude of aesthetic concepts, compositional possibilities, and artistic concerns to which they have been exposed.

NOTE: The list of outcomes above builds on the basic expectations we also hold for our undergraduate students in the Creative Writing Program. Because our pedagogical goals are continuously fundamental in nature, both at the undergraduate and graduate level of study, we view our curriculum and the varietal redundancies below as a cumulative process, one through which our poets and fiction writers build a portfolio of knowledge whose components are interactive. This is to say we view historical periods, critical modalities, and aesthetic movements to be in constant conversation with one another.

Additionally, what distinguishes the outcomes below from their undergraduate counterparts is that we expect all our MFA candidates to wear two hats simultaneously: that of the apprentice writer and that of the apprentice teacher, given that all of the people enrolled in our program teach Creative Writing classes in their first year and Composition in their second. The following outcomes should be considered very much in this context, in that our graduate students are expected to both pursue these goals as scholars then contemplate the many ways these skills translate to their own pedagogical experience.

The entirety of our curriculum is structured with the expectation that we enable our MFA graduates to continue to grow intellectually and develop as writers and masters of the craft once they have received their degrees, long after they have left the University of Oregon.

## Master of Fine Arts Degree Requirements

The candidate must complete the graduate work during six consecutive terms in residence at the university. The candidate must pass a written examination on a reading list of works of fiction or poetry.

| Code     | Title                           | Credits |
|----------|---------------------------------|---------|
| CRWR 605 | Writing and Conference: [Topic] | 9       |
| CRWR 607 | Seminar: [Topic] (MFA Seminar)  | 18      |

|                      |                      |           |
|----------------------|----------------------|-----------|
| CRWR 609             | Terminal Project     | 9         |
| CRWR 635             | MFA Poetry Workshop  | 36        |
| or CRWR 645          | MFA Fiction Workshop |           |
| <b>Total Credits</b> |                      | <b>72</b> |

## East Asian Languages and Literatures

### Yugen Wang, Department Head

304 Friendly Hall  
1248 University of Oregon  
Eugene, Oregon 97403-1248  
ygwang@uoregon.edu (ygwant@uoregon.edu)

The Department of East Asian Languages and Literatures presents a wide range of courses in several programs, from introductory courses in the languages and literatures of East Asia (Chinese, Japanese, and Korean) to advanced graduate-level study of linguistics and literature. Undergraduate degrees include a bachelor of arts (BA) degree in Chinese or Japanese and minors in Chinese, Japanese, or Korean. The department also offers master's (MA) and doctoral (PhD) degrees in East Asian languages and literatures. At all levels, students may choose to focus on either language or literature, though all degree programs require course work from both areas.

The department typically supports dozens of students in graduate-level study while 100 undergraduate BA majors graduate each year. Faculty members are strongly committed to promoting a rich immersion in Chinese, Japanese, and Korean, and undergraduates and graduate students alike are encouraged to study abroad and conduct research throughout East Asia.

### Preparation

The department recommends the following preparation for study leading to an undergraduate major or minor in Chinese, Japanese, or Korean:

As much work as possible in the student's major language, focusing on oral and written communication and reading comprehension  
Knowledge of the history, culture, and geography of the area in which that language is spoken

Course work in literary analysis and cultural studies

### Careers

Students with an undergraduate degree in Chinese, Japanese, or Korean are well prepared for graduate-level study in the humanities, social sciences, and professions (e.g., law or business). They are also suited to a range of jobs in many different sectors, including business, education, and journalism as well as government agencies and nonprofit organizations. Recent graduates have found jobs in all of these areas.

## Faculty

Roy Chan, associate professor (modern Chinese and Russian literature). BA, 2002, Washington (Seattle); PhD, 2009, California, Berkeley. (2013)

Weijun Chen, senior instructor (Chinese). BA, 1997, Anhui; MA, 2000, Nanjing. (2008)

Rachel DiNitto, professor (modern Japanese literature, cultural studies). BA, 1988, Pennsylvania; MA, 1996, PhD, 2000, Washington (Seattle). (2015)

Maram Epstein, professor (Ming-Qing vernacular fiction). BA, 1983, MA, 1987, PhD, 1992, Princeton. (1994)

Alisa D. Freedman, professor (modern Japanese literature and film). BA, 1991, Wesleyan; MA, 1995, PhD, 2002, Chicago. (2005)

Yukari Furikado-Koranda, senior instructor (Japanese). BA, 2002, Kobe College; MA, 2010, Oregon. (2010)

Denise Gigliotti, senior instructor (Chinese). BA, 1995, National Taiwan; MA, 1998, California, Los Angeles. (2002)

Alison Groppe, associate professor (Chinese culture). BA, 1989, Wellesley College; MA, 1995, PhD, 2006, Harvard. (2008)

Luke Habberstad, associate professor (early Chinese literature). BA, 2003, Yale; MA, 2007, PhD, 2014, California, Berkeley. (2014)

Reiko Hashimoto, senior instructor (Japanese). BA, 1982, Chukyo; MA, 1992, Minnesota State, Mankato; PhD, 2000, Indiana, Bloomington. (2000)

Kaori Idemaru, professor (linguistics). BA, 1990, Osaka; MA, 1992, Northern Iowa; PhD, 2005, Oregon. (2008)

Rika Ikei, senior instructor (Japanese). BA, 1992, Kyoto University of Foreign Studies; MA, 1998, West Chester. (2003)

Zhuo Jing-Schmidt, professor (Chinese linguistics). BA, 1992, MA, 1995, Peking; MA, 1997, California, Los Angeles; PhD, 2005, Cologne. (2010)

Boyoung Kim, instructor (Korean). B.A. with Honors, University of Iowa; M.A., Ph.D., University of California, San Diego

Jina Kim, associate professor (Korean literature). BA, 1993, University of Chicago; MA, 2002, University of Washington; MA, 2009, Cornell; PhD, 2006, University of Washington. (2018)

Nayoung Kwon, associate professor (Korean linguistics). BA, 1997, Korea; MA, 1999, Korea; MA, 2003, California (San Diego); PhD, 2008, California (San Diego). (2020)

Fengjun Mao, senior instructor (Chinese). BA, 2000, MA, 2003, East China Normal. (2008).

Naoko Nakadate, senior instructor (Japanese). BA, 1988, Tokyo University of Foreign Studies; MA, 1992, Oregon. (1993)

Yoko O'Brien, senior instructor (Japanese). BA, 1996, Washington State; MA, 2000, Oregon. (2007)

Thomas Glynne Walley, associate professor (early modern Japanese literature). BA, 1996, Brigham Young; MA, 2001, Washington (St. Louis); PhD, 2009, Harvard. (2012)

Yugen Wang, professor (classical Chinese poetry and poetics). BA, 1992, Anhui Normal; MA, 1995, Peking; PhD, 2005, Harvard. (2005)

Sunhee Woo, instructor (Korean). BA, 2004; M.Ed, 2012, Graduate School of Education, Hanyang University. (2021)

Jean Yuanpeng Wu, senior instructor (Chinese). BA, 1982, China University of Geosciences; MA, 1990, West Virginia; PhD, 1998, Michigan State. (1996)



## Emeriti

Stephen W. Durrant, professor emeritus. BA, 1968, Brigham Young; PhD, 1975, Washington (Seattle). (1990)

Michael B. Fishlen, associate professor emeritus. BA, 1965, Knox College; MA, 1968, PhD, 1973, Indiana; JD, 1987, Oregon. (1970)

Angela Jung-Palandri, professor emerita. BA, 1946, Catholic University, Peking; MA, 1949, MLS, 1954, PhD, 1955, Washington (Seattle). (1962)

Stephen W. Kohl, associate professor emeritus. BA, 1967, PhD, 1974, Washington (Seattle). (1972)

Wendy Larson, professor emerita. BA, 1974, Oregon; MA, 1978, PhD, 1984, California, Berkley. (1985)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Majors - Bachelor's Degree

- Chinese (BA) (p. 87)
- Japanese (BA) (p. 91)

### Minors

- Chinese (p. 95)
- Japanese (p. 96)
- Korean (p. 96)

## Graduate Programs

### Major - Master's Degree

- East Asian Languages and Literatures (MA) (p. 96)

### Major - Doctoral Degree

- East Asian Languages and Literatures (PhD) (p. 99)

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content knowledge.
- Demonstrate effective oral and written communication skills.
- Conduct independent research and analysis in their discipline and contribute original and substantive work in their field.
- Demonstrate independent critical thinking and advanced knowledge in their current discipline and in related areas of their discipline.
- Demonstrate professionalization in the field of study in the form of publications, presentations, conference attendance, funded fellowships received, and other professional association activities.

## Chinese (BA)

Achieve a high level of proficiency in Chinese language through friendly, activity-filled, intensive classes. You will learn Chinese culture, society, literature, and linguistics from historical and contemporary perspectives.

Students have the option of three different tracks in the Chinese major: language, culture, or linguistics. In consultation with department advisors, you can select a track that allows you to study and master the aspects of

Chinese that interest you most. Chinese is one of several majors taught within the Department of East Asian Languages and Literatures.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Content objectives: for culture and language intensive: Identify, describe, and explain materials, terminologies, methodologies, and theories in Chinese literature, film and media. For linguistics intensive: Describe, analyze and explain language structure and usage using terminologies, methodologies, and theories in Chinese linguistics.
- Critical thinking/Analytical skills: for culture and language intensive: Read, discuss, and evaluate texts from both historical sources and contemporary works in literature, film and media, and linguistics, employing methodologies and criteria. For linguistics focus: Discuss and evaluate descriptive grammars of Chinese, as well as studies on various levels of Chinese linguistics including, phonetics, phonology, semantics, syntax, pragmatics, sociolinguistics and the relationship between language, cognition and culture.
- Argumentation: Formulate original arguments, anticipating objections and responding in conscientious fashion.
- Communication: Communicate knowledge, ideas, and reasoning in written, oral, or other forms, in English or Chinese. Reach intermediate/advanced proficiency level in written and spoken modern Chinese. For CHN language intensive: Acquire introductory to intermediate reading skills in classical Chinese.
- Culture Intensive (p. 87)
- Language Intensive (p. 88)
- Linguistics Intensive (p. 88)

## Bachelor of Arts in Chinese: Culture-Intensive Option

At least five of the required courses must be completed within the Department of East Asian Languages and Literatures.

| Code                                                                                                                                                                                  | Title                                              | Credits   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------|
| CHN 301                                                                                                                                                                               | Third-Year Chinese                                 | 5         |
| CHN 302                                                                                                                                                                               | Third-Year Chinese                                 | 5         |
| CHN 303                                                                                                                                                                               | Third-Year Chinese                                 | 5         |
| Select four of the following, with two in upper division. These four courses must be taken in residence on the UO campus from the Department of East Asian Languages and Literatures. |                                                    | 16        |
| CHN 150                                                                                                                                                                               | Introduction to Chinese Narrative                  |           |
| CHN 151                                                                                                                                                                               | Introduction to Chinese Film                       |           |
| CHN 152                                                                                                                                                                               | Introduction to Chinese Popular Culture            |           |
| CHN 305                                                                                                                                                                               | History of Chinese Literature                      |           |
| CHN 306                                                                                                                                                                               | History of Chinese Literature II, The Imperial Age |           |
| CHN 307                                                                                                                                                                               | History of Chinese Literature                      |           |
| CHN 308                                                                                                                                                                               | Literature of Modern Taiwan                        |           |
| Four upper-division courses <sup>1</sup>                                                                                                                                              |                                                    | 16        |
| <b>Total Credits</b>                                                                                                                                                                  |                                                    | <b>47</b> |



<sup>1</sup> Courses must be in Chinese language, culture, literature, linguistics, film, or other advisor-approved areas taken from this or other departments. Of these, at least three must be from the Department of East Asian Languages and Literatures, with two having the CHN subject code. A third non-Chinese course chosen from within the department may also count toward the culture-intensive option.

Bachelor of Arts in Chinese: Language-Intensive Option

At least five of the required courses must be completed within the Department of East Asian Languages and Literatures.

| Code                           | Title                                              | Credits |
|--------------------------------|----------------------------------------------------|---------|
| CHN 301                        | Third-Year Chinese                                 | 5       |
| CHN 302                        | Third-Year Chinese                                 | 5       |
| CHN 303                        | Third-Year Chinese                                 | 5       |
| Select three of the following: |                                                    | 12      |
| CHN 305                        | History of Chinese Literature                      |         |
| CHN 306                        | History of Chinese Literature II, The Imperial Age |         |
| CHN 307                        | History of Chinese Literature                      |         |
| CHN 308                        | Literature of Modern Taiwan                        |         |
| CHN 480                        | Chinese Linguistics                                |         |
| CHN 436                        | Literary Chinese                                   | 4       |
| CHN 437                        | Literary Chinese                                   | 4       |
| Select three of the following: |                                                    | 12      |
| CHN 413                        | Modern Chinese Texts: [Topic]                      |         |
| CHN 439                        | Chinese Academic Writing                           |         |
| Total Credits                  |                                                    | 47      |

Bachelor of Arts in Chinese: Linguistics-Intensive Option

| Code                                                      | Title                                | Credits |
|-----------------------------------------------------------|--------------------------------------|---------|
| CHN 301                                                   | Third-Year Chinese                   | 5       |
| CHN 302                                                   | Third-Year Chinese                   | 5       |
| CHN 303                                                   | Third-Year Chinese                   | 5       |
| Select two of the following:                              |                                      | 8       |
| CHN 413                                                   | Modern Chinese Texts: [Topic]        |         |
| CHN 420                                                   | Intermediate Language Strategies     |         |
| CHN 421                                                   | Intermediate Language Strategies     |         |
| CHN 422                                                   | Intermediate Language Strategies     |         |
| CHN 439                                                   | Chinese Academic Writing             |         |
| CHN 445                                                   | Advanced Chinese: [Topic]            |         |
| Select three of the following linguistics survey courses: |                                      | 12      |
| CHN 480                                                   | Chinese Linguistics                  |         |
| CHN 482                                                   | History of the Chinese Language      |         |
| EALL 209                                                  | Languages and Societies in East Asia |         |
| LING 301                                                  | Introduction to Linguistics Analysis |         |
| Select two of the following:                              |                                      | 8       |
| CHN 481                                                   | Pedagogical Grammar of Chinese       |         |
| CHN 482                                                   | History of the Chinese Language      |         |
| CHN 436                                                   | Literary Chinese                     |         |

|                                                                                     |                                        |       |
|-------------------------------------------------------------------------------------|----------------------------------------|-------|
| CHN 437                                                                             | Literary Chinese                       |       |
| EALL 442                                                                            | Second-Language Acquisition            |       |
| EALL 443                                                                            | Chinese, Japanese, and Korean Pedagogy |       |
| EALL 407                                                                            | Seminar: [Topic]                       | 1-4   |
| One advisor-approved elective in courses with the subject codes EALL, CHN, and LING |                                        | 4     |
| Total Credits                                                                       |                                        | 48-51 |

Four-Year Degree Plans

Sample Cultural-Intensive Option (p. 88)

Sample Language-Intensive Option (p. 89)

Sample Linguistics-Intensive Option (p. 90)

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in Chinese: Culture-Intensive Option

| Course                                                          | Title              | Credits                      | Milestones |
|-----------------------------------------------------------------|--------------------|------------------------------|------------|
| First Year                                                      |                    |                              |            |
| Fall                                                            |                    |                              |            |
| CHN 101                                                         | First-Year Chinese |                              | 5          |
| WR 121Z                                                         | Composition I      |                              | 4          |
| Group-satisfying courses                                        |                    |                              | 8          |
| Credits                                                         |                    |                              | 17         |
| Winter                                                          |                    |                              |            |
| CHN 102                                                         | First-Year Chinese |                              | 5          |
| One of the major survey courses, lower-division (150, 151, 152) |                    |                              | 4          |
| WR 122Z                                                         | Composition II     | Complete writing requirement | 4          |
| or WR 123 or College Composition III                            |                    |                              |            |
| Group-satisfying course                                         |                    |                              | 4          |
| Credits                                                         |                    |                              | 17         |
| Spring                                                          |                    |                              |            |
| CHN 103                                                         | First-Year Chinese |                              | 5          |
| Group-satisfying courses                                        |                    |                              | 12         |
| Credits                                                         |                    |                              | 17         |
| Total Credits                                                   |                    |                              | 51         |

| Course                                                         | Title               | Credits | Milestones |
|----------------------------------------------------------------|---------------------|---------|------------|
| Second Year                                                    |                     |         |            |
| Fall                                                           |                     |         |            |
| CHN 201                                                        | Second-Year Chinese |         | 5          |
| One of the major survey courses (150, 151, 305, 306, 307, 308) |                     |         | 4          |
| Group-satisfying courses                                       |                     |         | 8          |
| Credits                                                        |                     |         | 17         |
| Winter                                                         |                     |         |            |
| CHN 202                                                        | Second-Year Chinese |         | 5          |
| One of the major survey courses (150, 151, 305, 306, 307, 308) |                     |         | 4          |

|                          |   |
|--------------------------|---|
| Group-satisfying courses | 8 |
|--------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|         |                     |   |
|---------|---------------------|---|
| CHN 203 | Second-Year Chinese | 5 |
|---------|---------------------|---|

|                                                                |   |
|----------------------------------------------------------------|---|
| One of the major survey courses (150, 151, 305, 306, 307, 308) | 4 |
|----------------------------------------------------------------|---|

|                          |   |
|--------------------------|---|
| Group-satisfying courses | 8 |
|--------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>51</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|         |                    |   |
|---------|--------------------|---|
| CHN 301 | Third-Year Chinese | 5 |
|---------|--------------------|---|

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|           |   |
|-----------|---|
| Electives | 8 |
|-----------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Winter**

|         |                    |   |
|---------|--------------------|---|
| CHN 302 | Third-Year Chinese | 5 |
|---------|--------------------|---|

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|           |   |
|-----------|---|
| Electives | 8 |
|-----------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|         |                    |   |
|---------|--------------------|---|
| CHN 303 | Third-Year Chinese | 5 |
|---------|--------------------|---|

|                                           |   |
|-------------------------------------------|---|
| Complete third-year language requirements | 5 |
|-------------------------------------------|---|

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|           |   |
|-----------|---|
| Electives | 8 |
|-----------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>51</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|                                               |   |
|-----------------------------------------------|---|
| Complete upper-division electives requirement | 4 |
|-----------------------------------------------|---|

|           |    |
|-----------|----|
| Electives | 12 |
|-----------|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|           |    |
|-----------|----|
| Electives | 16 |
|-----------|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|           |    |
|-----------|----|
| Electives | 16 |
|-----------|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

## Bachelor of Arts in Chinese: Language-Intensive Option

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|         |                    |   |
|---------|--------------------|---|
| CHN 101 | First-Year Chinese | 5 |
|---------|--------------------|---|

|         |               |   |
|---------|---------------|---|
| WR 121Z | Composition I | 4 |
|---------|---------------|---|

|                          |   |
|--------------------------|---|
| Group-satisfying courses | 8 |
|--------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Winter**

|         |                    |   |
|---------|--------------------|---|
| CHN 102 | First-Year Chinese | 5 |
|---------|--------------------|---|

|           |                            |                             |
|-----------|----------------------------|-----------------------------|
| WR 122Z   | Composition II             | 4                           |
| or WR 123 | or College Composition III | Complete writing requiremer |

|                          |   |
|--------------------------|---|
| Group-satisfying courses | 8 |
|--------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|         |                    |   |
|---------|--------------------|---|
| CHN 103 | First-Year Chinese | 5 |
|---------|--------------------|---|

|                          |    |
|--------------------------|----|
| Group-satisfying courses | 12 |
|--------------------------|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>51</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|         |                     |   |
|---------|---------------------|---|
| CHN 201 | Second-Year Chinese | 5 |
|---------|---------------------|---|

|                                                              |   |
|--------------------------------------------------------------|---|
| One of the major survey courses (EALL 209, CHN 480, CHN 482) | 4 |
|--------------------------------------------------------------|---|

|                          |   |
|--------------------------|---|
| Group-satisfying courses | 8 |
|--------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Winter**

|         |                     |   |
|---------|---------------------|---|
| CHN 202 | Second-Year Chinese | 5 |
|---------|---------------------|---|

|                                                              |   |
|--------------------------------------------------------------|---|
| One of the major survey courses (EALL 209, CHN 480, CHN 482) | 4 |
|--------------------------------------------------------------|---|

|                          |   |
|--------------------------|---|
| Group-satisfying courses | 8 |
|--------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|         |                     |   |
|---------|---------------------|---|
| CHN 203 | Second-Year Chinese | 5 |
|---------|---------------------|---|

|                                          |   |
|------------------------------------------|---|
| Complete lower-division language courses | 5 |
|------------------------------------------|---|

|                                                              |   |
|--------------------------------------------------------------|---|
| One of the major survey courses (EALL 209, CHN 480, CHN 482) | 4 |
| Complete major survey requiremer                             |   |

|                             |   |
|-----------------------------|---|
| Group-satisfying course     | 4 |
| Complete group requirements |   |

|                    |                                                                   |                                                |
|--------------------|-------------------------------------------------------------------|------------------------------------------------|
| Elective course    |                                                                   | 4                                              |
| Credits            |                                                                   | 17                                             |
| Total Credits      |                                                                   | 51                                             |
| Course             | Title                                                             | Credits Milestones                             |
| Third Year         |                                                                   |                                                |
| Fall               |                                                                   |                                                |
| CHN 301            | Third-Year Chinese                                                | 5                                              |
| Electives          |                                                                   | 12                                             |
| Credits            |                                                                   | 17                                             |
| Winter             |                                                                   |                                                |
| CHN 302            | Third-Year Chinese                                                | 5                                              |
| Electives          |                                                                   | 12                                             |
| Credits            |                                                                   | 17                                             |
| Spring             |                                                                   |                                                |
| CHN 303            | Third-Year Chinese                                                | Complete third-year language courses<br>5      |
| Electives          |                                                                   | 12                                             |
| Credits            |                                                                   | 17                                             |
| Total Credits      |                                                                   | 51                                             |
| Course             | Title                                                             | Credits Milestones                             |
| Fourth Year        |                                                                   |                                                |
| Fall               |                                                                   |                                                |
| CHN 420            | Intermediate Language Strategies                                  | 4                                              |
| CHN 436            | Literary Chinese                                                  | 4                                              |
| Electives          |                                                                   | 8                                              |
| Credits            |                                                                   | 16                                             |
| Winter             |                                                                   |                                                |
| CHN 421            | Intermediate Language Strategies                                  | 4                                              |
| CHN 437            | Literary Chinese                                                  | Complete literary Chinese requiremer<br>4      |
| Electives          |                                                                   | 8                                              |
| Credits            |                                                                   | 16                                             |
| Spring             |                                                                   |                                                |
| CHN 413 or CHN 422 | Modern Chinese Texts: [Topic] or Intermediate Language Strategies | Complete fourth-year language requirement<br>4 |
| Electives          |                                                                   | 12                                             |
| Credits            |                                                                   | 16                                             |
| Total Credits      |                                                                   | 48                                             |

Bachelor of Arts in Chinese: Linguistic-Intensive Option

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

|                                                                  |                                           |                                               |
|------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------|
| Course                                                           | Title                                     | Credits Milestones                            |
| First Year                                                       |                                           |                                               |
| Fall                                                             |                                           |                                               |
| CHN 101                                                          | First-Year Chinese                        | 5                                             |
| WR 121Z                                                          | Composition I                             | 4                                             |
| Group-satisfying courses                                         |                                           | 8                                             |
| Credits                                                          |                                           | 17                                            |
| Winter                                                           |                                           |                                               |
| CHN 102                                                          | First-Year Chinese                        | 5                                             |
| WR 122Z or WR 123                                                | Composition II or College Composition III | Complete writing requiremer<br>4              |
| Group-satisfying courses                                         |                                           | 8                                             |
| Credits                                                          |                                           | 17                                            |
| Spring                                                           |                                           |                                               |
| CHN 103                                                          | First-Year Chinese                        | 5                                             |
| Group-satisfying courses                                         |                                           | 12                                            |
| Credits                                                          |                                           | 17                                            |
| Total Credits                                                    |                                           | 51                                            |
| Course                                                           | Title                                     | Credits Milestones                            |
| Second Year                                                      |                                           |                                               |
| Fall                                                             |                                           |                                               |
| CHN 201                                                          | Second-Year Chinese                       | 5                                             |
| One major survey course (EALL 209, LING 301, CHN 480, CHN 482)   |                                           | 4                                             |
| Group-satisfying courses                                         |                                           | 8                                             |
| Credits                                                          |                                           | 17                                            |
| Winter                                                           |                                           |                                               |
| CHN 202                                                          | Second-Year Chinese                       | 5                                             |
| One major survey course - EALL 209, LING 301, CHN 480 or CHN 482 |                                           | 4                                             |
| Group-satisfying courses                                         |                                           | 8                                             |
| Credits                                                          |                                           | 17                                            |
| Spring                                                           |                                           |                                               |
| CHN 203                                                          | Second-Year Chinese                       | Complete lower-division language courses<br>5 |
| One major survey course (EALL 209, LING 301, CHN 480, CHN 482)   |                                           | Complete major survey requiremer<br>4         |
| Group-satisfying course                                          |                                           | Complete group requirements<br>4              |
| Elective course                                                  |                                           | 4                                             |
| Credits                                                          |                                           | 17                                            |
| Total Credits                                                    |                                           | 51                                            |

| Course                                                                  | Title              | Credits   | Milestones                                   | Spring                                                                               |
|-------------------------------------------------------------------------|--------------------|-----------|----------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Third Year</b>                                                       |                    |           |                                              | Additional advisor-approved upper-division linguistics course with EALL subject code |
| <b>Fall</b>                                                             |                    |           |                                              |                                                                                      |
| CHN 301                                                                 | Third-Year Chinese | 5         |                                              |                                                                                      |
| Electives                                                               |                    | 12        |                                              |                                                                                      |
| <b>Credits</b>                                                          |                    | <b>17</b> |                                              | Complete additional advisor-approved upper-division EALL linguistics courses         |
| <b>Winter</b>                                                           |                    |           |                                              |                                                                                      |
| CHN 302                                                                 | Third-Year Chinese | 5         |                                              |                                                                                      |
| Electives                                                               |                    | 12        |                                              |                                                                                      |
| <b>Credits</b>                                                          |                    | <b>17</b> |                                              |                                                                                      |
| <b>Spring</b>                                                           |                    |           |                                              |                                                                                      |
| CHN 303                                                                 | Third-Year Chinese | 5         | Complete third year language requirement     |                                                                                      |
| Upper-division elective course with CHN, JPN, EALL, or KRN subject code |                    | 4         | Complete upper-division elective requirement |                                                                                      |
| Electives                                                               |                    | 8         |                                              |                                                                                      |
| <b>Credits</b>                                                          |                    | <b>17</b> |                                              |                                                                                      |
| <b>Total Credits</b>                                                    |                    | <b>51</b> |                                              |                                                                                      |

|                      |           |
|----------------------|-----------|
| Electives            | 12        |
| <b>Credits</b>       | <b>16</b> |
| <b>Total Credits</b> | <b>48</b> |

## Japanese (BA)

Learn Japanese language in friendly, activity-based, intensive classes designed to achieve high-level proficiency. You will learn the basics of Japanese culture, society, literature and linguistics from historical and contemporary perspectives. Japanese is one of several majors taught within the Department of East Asian Languages and Literatures including Korean and Chinese.

Students have the option of three different tracks in the Japanese major: language, culture, or linguistics. In consultation with department advisors,

| Course                                                                                              | Title | Credits | Milestones                                                                                    | aspects of Japanese that interest you most.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------|-------|---------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fourth Year                                                                                         |       |         |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Fall                                                                                                |       |         |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Upper-division Chinese language course                                                              |       | 4       |                                                                                               | Upon successful completion of this program, students will be able to:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Advisor-approved upper-division linguistics-literacy course (CHN 436, 437, EALL 440, 442, 443, 486) |       | 4       |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Electives                                                                                           |       | 8       |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Credits                                                                                             |       | 16      |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Winter                                                                                              |       |         |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Upper-division Chinese language course                                                              |       | 4       | Complete 400-level language requirements                                                      | <ul style="list-style-type: none"><li>• Content objectives (literature/film/culture): for culture and language intensive: Identify, describe, and explain materials, terminologies, methodologies, and theories in Japanese literature, film, media, or linguistics. For linguistics intensive: Identify, describe, and explain materials, terminologies, methodologies, and theories in Japanese linguistics.</li><li>• Critical thinking/Analytical skills: for culture and literature intensive: Read, discuss, and evaluate texts from both historical sources and contemporary works in literature, film and media, and linguistics, employing methodologies and criteria. For linguistics intensive: Discuss and evaluate descriptive grammars of Japanese, as well as studies on various levels of Japanese linguistics including, phonetics, phonology, semantics, syntax, pragmatics, sociolinguistics and the relationship between language, cognition and culture.</li><li>• Argumentation: Formulate original arguments, anticipating objections and responding in conscientious fashion.</li><li>• Communication: Communicate knowledge, ideas, and reasoning in written, oral, or other forms of languages, in English or Japanese. Reach intermediate/advanced proficiency level in written and spoken modern Japanese.</li><li>• Culture Intensive (p. 92)</li></ul> |
| Advisor-approved upper-division linguistics course (CHN 481, EALL 440, 442, 443, 486)               |       | 4       | Complete advisor-approved upper division linguistics courses with EALL subject code from list |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Electives                                                                                           |       | 8       |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Credits                                                                                             |       | 16      |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Japanese (BA)

Learn Japanese language in friendly, activity-based, intensive classes designed to achieve high-level proficiency. You will learn the basics of Japanese culture, society, literature and linguistics from historical and contemporary perspectives. Japanese is one of several majors taught within the Department of East Asian Languages and Literatures including Korean and Chinese.

Students have the option of three different tracks in the Japanese major: language, culture, or linguistics. In consultation with department advisors, you can choose a track that will allow you to study and master those aspects of Japanese that interest you most.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Content objectives (literature/film/culture): for culture and language intensive: Identify, describe, and explain materials, terminologies, methodologies, and theories in Japanese literature, film, media, or linguistics. For linguistics intensive: Identify, describe, and explain materials, terminologies, methodologies, and theories in Japanese linguistics.
- Critical thinking/Analytical skills: for culture and literature intensive: Read, discuss, and evaluate texts from both historical sources and contemporary works in literature, film and media, and linguistics, employing methodologies and criteria. For linguistics intensive: Discuss and evaluate descriptive grammars of Japanese, as well as studies on various levels of Japanese linguistics including, phonetics, phonology, semantics, syntax, pragmatics, sociolinguistics and the relationship between language, cognition and culture.
- Argumentation: Formulate original arguments, anticipating objections and responding in conscientious fashion.
- Communication: Communicate knowledge, ideas, and reasoning in written, oral, or other forms of languages, in English or Japanese. Reach intermediate/advanced proficiency level in written and spoken modern Japanese.
- Culture Intensive (p. 92)
- Language Intensive (p. 92)
- Linguistics Intensive (p. 92)

## Bachelor of Arts in Japanese: Culture-Intensive Option

At least five of the required courses must be completed within the Department of East Asian Languages and Literatures.

| Code                                     | Title                                    | Credits   |
|------------------------------------------|------------------------------------------|-----------|
| JPN 301                                  | Third-Year Japanese                      | 5         |
| JPN 302                                  | Third-Year Japanese                      | 5         |
| JPN 303                                  | Third-Year Japanese                      | 5         |
| Select two of the following:             |                                          | 8         |
| JPN 411                                  | Fourth-Year Spoken Japanese              |           |
| JPN 412                                  | Fourth-Year Spoken Japanese              |           |
| JPN 413                                  | Fourth-Year Spoken Japanese              |           |
| JPN 414                                  | Fourth-Year Reading and Writing Japanese |           |
| JPN 415                                  | Fourth-Year Reading and Writing Japanese |           |
| JPN 416                                  | Fourth-Year Reading and Writing Japanese |           |
| JPN 434                                  | Advanced Readings in Japanese Literature |           |
| JPN 435                                  | Advanced Readings in Japanese Literature |           |
| JPN 436                                  | Advanced Readings in Japanese Literature |           |
| JPN 437                                  | Classical Japanese Literary Language     |           |
| JPN 455                                  | Japanese Business Culture and Language   |           |
| Select two of the following:             |                                          | 8         |
| JPN 305                                  | Introduction to Japanese Literature      |           |
| JPN 306                                  | Introduction to Japanese Literature      |           |
| JPN 307                                  | Introduction to Japanese Literature      |           |
| JPN 315                                  | Introduction to Japanese Linguistics     |           |
| Four upper-division courses <sup>1</sup> |                                          | 16        |
| <b>Total Credits</b>                     |                                          | <b>47</b> |

<sup>1</sup> Courses must be in Japanese culture, literature, linguistics, film, or other advisor-approved areas taken from this or other departments. Of these, at least three must be from the Department of East Asian Languages and Literatures, with two having the JPN subject code. A third non-JPN course chosen from within the department may also count toward the culture-intensive option.

## Bachelor of Arts in Japanese: Language-Intensive Option

At least five of the required courses must be completed within the Department of East Asian Languages and Literatures.

| Code                         | Title                                    | Credits |
|------------------------------|------------------------------------------|---------|
| JPN 301                      | Third-Year Japanese                      | 5       |
| JPN 302                      | Third-Year Japanese                      | 5       |
| JPN 303                      | Third-Year Japanese                      | 5       |
| JPN 411                      | Fourth-Year Spoken Japanese              | 4       |
| JPN 412                      | Fourth-Year Spoken Japanese              | 4       |
| JPN 414                      | Fourth-Year Reading and Writing Japanese | 4       |
| JPN 415                      | Fourth-Year Reading and Writing Japanese | 4       |
| JPN 413                      | Fourth-Year Spoken Japanese              | 4       |
| or JPN 416                   | Fourth-Year Reading and Writing Japanese |         |
| Select two of the following: |                                          | 8       |
| JPN 305                      | Introduction to Japanese Literature      |         |

|                                    |                                      |           |
|------------------------------------|--------------------------------------|-----------|
| JPN 306                            | Introduction to Japanese Literature  |           |
| JPN 307                            | Introduction to Japanese Literature  |           |
| JPN 315                            | Introduction to Japanese Linguistics |           |
| Upper-division course <sup>1</sup> |                                      | 4         |
| <b>Total Credits</b>               |                                      | <b>47</b> |

<sup>1</sup> Courses must have the JPN subject code. Courses outside the department require advisor approval.

## Bachelor of Arts in Japanese: Linguistics-Intensive Option

At least five of the required courses must be completed in the Department of East Asian Languages and Literatures.

| Code                                      | Title                                    | Credits   |
|-------------------------------------------|------------------------------------------|-----------|
| JPN 301                                   | Third-Year Japanese                      | 5         |
| JPN 302                                   | Third-Year Japanese                      | 5         |
| JPN 303                                   | Third-Year Japanese                      | 5         |
| Select two of the following:              |                                          | 8         |
| JPN 411                                   | Fourth-Year Spoken Japanese              |           |
| JPN 412                                   | Fourth-Year Spoken Japanese              |           |
| JPN 413                                   | Fourth-Year Spoken Japanese              |           |
| JPN 414                                   | Fourth-Year Reading and Writing Japanese |           |
| JPN 415                                   | Fourth-Year Reading and Writing Japanese |           |
| JPN 416                                   | Fourth-Year Reading and Writing Japanese |           |
| JPN 434                                   | Advanced Readings in Japanese Literature |           |
| JPN 435                                   | Advanced Readings in Japanese Literature |           |
| JPN 436                                   | Advanced Readings in Japanese Literature |           |
| JPN 437                                   | Classical Japanese Literary Language     |           |
| Select three of the following:            |                                          | 12        |
| EALL 209                                  | Languages and Societies in East Asia     |           |
| JPN 315                                   | Introduction to Japanese Linguistics     |           |
| LING 301                                  | Introduction to Linguistics Analysis     |           |
| Three upper-division courses <sup>1</sup> |                                          | 12        |
| <b>Total Credits</b>                      |                                          | <b>47</b> |

<sup>1</sup> At least two courses must be EALL linguistics courses. All of them require advisor approval.

## Four-Year Degree Plans

Sample Cultural-Intensive Option (p. 92)

Sample Language-Intensive Option (p. 93)

Sample Linguistics-Intensive Option (p. 94)

## Bachelor of Arts in Japanese: Cultural-Intensive Option

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*



| Course                                           | Title                            | Credits | Milestones                                   | Electives                              |                                             |         |
|--------------------------------------------------|----------------------------------|---------|----------------------------------------------|----------------------------------------|---------------------------------------------|---------|
| <b>First Year</b>                                |                                  |         |                                              | <b>Credits</b>                         |                                             |         |
| <b>Fall</b>                                      |                                  |         |                                              | <b>17</b>                              |                                             |         |
| JPN 101                                          | First-Year Japanese              | 5       |                                              | JPN 302                                | Third-Year Japanese                         | 5       |
| WR 121Z                                          | Composition I                    | 4       |                                              | Upper-division elective course         |                                             | 4       |
| Group-satisfying courses                         |                                  | 8       |                                              | Electives                              |                                             | 8       |
| <b>Credits</b>                                   |                                  |         |                                              | <b>17</b>                              |                                             |         |
| <b>Winter</b>                                    |                                  |         |                                              | <b>Spring</b>                          |                                             |         |
| JPN 102                                          | First-Year Japanese              | 5       |                                              | JPN 303                                | Third-Year Japanese                         | 5       |
| WR 122Z                                          | Composition II                   | 4       | Complete writing requiremer                  |                                        | Complete third-year language requirement    |         |
| or WR 123                                        | or College Composition III       |         |                                              |                                        |                                             |         |
| Group-satisfying courses                         |                                  | 8       |                                              | Upper-division elective course         | Complete upper-division elective requiremer | 4       |
| <b>Credits</b>                                   |                                  |         |                                              | <b>17</b>                              |                                             |         |
| <b>Spring</b>                                    |                                  |         |                                              | Electives                              |                                             | 8       |
| JPN 103                                          | First-Year Japanese              | 5       |                                              | <b>Credits</b>                         |                                             |         |
| Group-satisfying courses                         |                                  | 12      |                                              | <b>17</b>                              |                                             |         |
| <b>Credits</b>                                   |                                  |         |                                              | <b>Total Credits</b>                   |                                             |         |
| <b>17</b>                                        |                                  |         |                                              | <b>51</b>                              |                                             |         |
| <b>Total Credits</b>                             |                                  |         |                                              | <b>51</b>                              |                                             |         |
| <b>51</b>                                        |                                  |         |                                              |                                        |                                             |         |
| Course                                           | Title                            | Credits | Milestones                                   | Course                                 | Title                                       | Credits |
| <b>Second Year</b>                               |                                  |         |                                              | <b>Fourth Year</b>                     |                                             |         |
| <b>Fall</b>                                      |                                  |         |                                              | <b>Fall</b>                            |                                             |         |
| JPN 201                                          | Second-Year Japanese             | 5       |                                              | One 400-level Japanese language course |                                             | 4       |
| One major survey course (JPN 305, 306, 307, 315) |                                  | 4       |                                              | Electives                              |                                             | 12      |
| Group-satisfying courses                         |                                  | 8       |                                              | <b>Credits</b>                         |                                             |         |
| <b>Credits</b>                                   |                                  |         |                                              | <b>16</b>                              |                                             |         |
| <b>Winter</b>                                    |                                  |         |                                              | <b>Winter</b>                          |                                             |         |
| JPN 202                                          | Second-Year Japanese             | 5       |                                              | One 400-level Japanese language course | Complete fourth-year language requiremer    | 4       |
| One major survey course (JPN 305, 306, 307, 315) | Complete major survey requiremer | 4       |                                              | Electives                              |                                             | 8       |
| Group-satisfying course                          |                                  | 8       |                                              | <b>Credits</b>                         |                                             |         |
| <b>Credits</b>                                   |                                  |         |                                              | <b>12</b>                              |                                             |         |
| <b>Spring</b>                                    |                                  |         |                                              | <b>Spring</b>                          |                                             |         |
| JPN 203                                          | Second-Year Japanese             | 5       | Complete lower-division language requirement | Electives                              |                                             | 16      |
| Upper-division elective course                   |                                  | 4       |                                              | <b>Credits</b>                         |                                             |         |
| Group-satisfying course                          | Complete group requirements      | 4       |                                              | <b>16</b>                              |                                             |         |
| Elective course                                  |                                  | 4       |                                              | <b>Total Credits</b>                   |                                             |         |
| <b>Credits</b>                                   |                                  |         |                                              | <b>44</b>                              |                                             |         |
| <b>17</b>                                        |                                  |         |                                              |                                        |                                             |         |
| <b>Total Credits</b>                             |                                  |         |                                              |                                        |                                             |         |
| <b>51</b>                                        |                                  |         |                                              |                                        |                                             |         |
| Course                                           | Title                            | Credits | Milestones                                   | Course                                 | Title                                       | Credits |
| <b>Third Year</b>                                |                                  |         |                                              | <b>First Year</b>                      |                                             |         |
| <b>Fall</b>                                      |                                  |         |                                              | <b>Fall</b>                            |                                             |         |
| JPN 301                                          | Third-Year Japanese              | 5       |                                              | JPN 101                                | First-Year Japanese                         | 5       |
| Upper-division elective course                   |                                  | 4       |                                              | WR 121Z                                | Composition I                               | 4       |
|                                                  |                                  |         |                                              | Group-satisfying courses               |                                             | 8       |
|                                                  |                                  |         |                                              | <b>Credits</b>                         |                                             |         |
|                                                  |                                  |         |                                              | <b>17</b>                              |                                             |         |

## Bachelor of Arts in Japanese: Language-Intensive Option

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

**Winter**

|                          |                                              |                                   |           |
|--------------------------|----------------------------------------------|-----------------------------------|-----------|
| JPN 102                  | First-Year Japanese                          |                                   | 5         |
| WR 122Z<br>or WR 123     | Composition II<br>or College Composition III | Complete<br>writing<br>requiremer | 4         |
| Group-satisfying courses |                                              |                                   | 8         |
| <b>Credits</b>           |                                              |                                   | <b>17</b> |

**Spring**

|                          |                     |  |           |
|--------------------------|---------------------|--|-----------|
| JPN 103                  | First-Year Japanese |  | 5         |
| Group-satisfying courses |                     |  | 12        |
| <b>Credits</b>           |                     |  | <b>17</b> |
| <b>Total Credits</b>     |                     |  | <b>51</b> |

| Course | Title |  | Credits | Milestones |
|--------|-------|--|---------|------------|
|--------|-------|--|---------|------------|

**Second Year****Fall**

|                                                  |                      |  |           |
|--------------------------------------------------|----------------------|--|-----------|
| JPN 201                                          | Second-Year Japanese |  | 5         |
| One major survey course (JPN 305, 306, 307, 315) |                      |  | 4         |
| Group-satisfying course                          |                      |  | 8         |
| <b>Credits</b>                                   |                      |  | <b>17</b> |

**Winter**

|                                                  |                      |  |                                           |
|--------------------------------------------------|----------------------|--|-------------------------------------------|
| JPN 202                                          | Second-Year Japanese |  | 5                                         |
| One major survey course (JPN 305, 306, 307, 315) |                      |  | 4                                         |
|                                                  |                      |  | Complete<br>major<br>survey<br>requiremer |
| Group-satisfying course                          |                      |  | 8                                         |
| <b>Credits</b>                                   |                      |  | <b>17</b>                                 |

**Spring**

|                         |                      |                                                           |                                   |
|-------------------------|----------------------|-----------------------------------------------------------|-----------------------------------|
| JPN 203                 | Second-Year Japanese | Complete<br>lower-<br>division<br>language<br>requirement | 5                                 |
| Upper-division elective |                      |                                                           | 4                                 |
| Group-satisfying course |                      |                                                           | 4                                 |
|                         |                      |                                                           | Complete<br>group<br>requirements |
| Elective course         |                      |                                                           | 4                                 |
| <b>Credits</b>          |                      |                                                           | <b>17</b>                         |
| <b>Total Credits</b>    |                      |                                                           | <b>51</b>                         |

| Course | Title |  | Credits | Milestones |
|--------|-------|--|---------|------------|
|--------|-------|--|---------|------------|

**Third Year****Fall**

|                |                     |  |           |
|----------------|---------------------|--|-----------|
| JPN 301        | Third-Year Japanese |  | 5         |
| Electives      |                     |  | 12        |
| <b>Credits</b> |                     |  | <b>17</b> |

**Winter**

|                |                     |  |           |
|----------------|---------------------|--|-----------|
| JPN 302        | Third-Year Japanese |  | 5         |
| Electives      |                     |  | 12        |
| <b>Credits</b> |                     |  | <b>17</b> |

**Spring**

|                |                     |                                               |           |
|----------------|---------------------|-----------------------------------------------|-----------|
| JPN 303        | Third-Year Japanese | Complete<br>third-year<br>language<br>courses | 5         |
| Electives      |                     |                                               | 12        |
| <b>Credits</b> |                     |                                               | <b>17</b> |

|                      |  |  |           |
|----------------------|--|--|-----------|
| <b>Total Credits</b> |  |  | <b>51</b> |
|----------------------|--|--|-----------|

| Course | Title |  | Credits | Milestones |
|--------|-------|--|---------|------------|
|--------|-------|--|---------|------------|

**Fourth Year****Fall**

|                |                                          |  |           |
|----------------|------------------------------------------|--|-----------|
| JPN 411        | Fourth-Year Spoken Japanese              |  | 4         |
| JPN 414        | Fourth-Year Reading and Writing Japanese |  | 4         |
| Electives      |                                          |  | 8         |
| <b>Credits</b> |                                          |  | <b>16</b> |

**Winter**

|                |                                          |  |           |
|----------------|------------------------------------------|--|-----------|
| JPN 412        | Fourth-Year Spoken Japanese              |  | 4         |
| JPN 415        | Fourth-Year Reading and Writing Japanese |  | 4         |
| Electives      |                                          |  | 8         |
| <b>Credits</b> |                                          |  | <b>16</b> |

**Spring**

|                       |                                                                            |                                                        |           |
|-----------------------|----------------------------------------------------------------------------|--------------------------------------------------------|-----------|
| JPN 413<br>or JPN 416 | Fourth-Year Spoken Japanese<br>or Fourth-Year Reading and Writing Japanese | Complete<br>fourth-<br>year<br>language<br>requirement | 4         |
| Electives             |                                                                            |                                                        | 12        |
| <b>Credits</b>        |                                                                            |                                                        | <b>16</b> |
| <b>Total Credits</b>  |                                                                            |                                                        | <b>48</b> |

## Bachelor of Arts in Japanese: Language-Intensive Option

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

| Course | Title |  | Credits | Milestones |
|--------|-------|--|---------|------------|
|--------|-------|--|---------|------------|

**First Year****Fall**

|                          |                     |  |           |
|--------------------------|---------------------|--|-----------|
| JPN 101                  | First-Year Japanese |  | 5         |
| WR 121Z                  | Composition I       |  | 4         |
| Group-satisfying courses |                     |  | 8         |
| <b>Credits</b>           |                     |  | <b>17</b> |

**Winter**

|                          |                                              |                                   |           |
|--------------------------|----------------------------------------------|-----------------------------------|-----------|
| JPN 102                  | First-Year Japanese                          |                                   | 5         |
| WR 122Z<br>or WR 123     | Composition II<br>or College Composition III | Complete<br>writing<br>requiremer | 4         |
| Group-satisfying courses |                                              |                                   | 8         |
| <b>Credits</b>           |                                              |                                   | <b>17</b> |

**Spring**

|                          |                     |           |
|--------------------------|---------------------|-----------|
| JPN 103                  | First-Year Japanese | 5         |
| Group-satisfying courses |                     | 12        |
| <b>Credits</b>           |                     | <b>17</b> |
| <b>Total Credits</b>     |                     | <b>51</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                                  |                      |           |
|--------------------------------------------------|----------------------|-----------|
| JPN 201                                          | Second-Year Japanese | 5         |
| One major survey course (JPN 305, 306, 307, 315) |                      | 4         |
| Group-satisfying course                          |                      | 8         |
| <b>Credits</b>                                   |                      | <b>17</b> |

**Winter**

|                                                  |                      |                                    |
|--------------------------------------------------|----------------------|------------------------------------|
| JPN 202                                          | Second-Year Japanese | 5                                  |
| One major survey course (JPN 305, 306, 307, 315) |                      | Complete major survey requiremer 4 |
| Group-satisfying course                          |                      | 8                                  |
| <b>Credits</b>                                   |                      | <b>17</b>                          |

**Spring**

|                         |                      |                                                |
|-------------------------|----------------------|------------------------------------------------|
| JPN 203                 | Second-Year Japanese | Complete lower-division language requirement 5 |
| Upper-division elective |                      | Complete upper division elective 4             |
| Group-satisfying course |                      | Complete group requirements 4                  |
| Elective course         |                      | 4                                              |
| <b>Credits</b>          |                      | <b>17</b>                                      |
| <b>Total Credits</b>    |                      | <b>51</b>                                      |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                |                     |           |
|----------------|---------------------|-----------|
| JPN 301        | Third-Year Japanese | 5         |
| Electives      |                     | 12        |
| <b>Credits</b> |                     | <b>17</b> |

**Winter**

|                |                     |           |
|----------------|---------------------|-----------|
| JPN 302        | Third-Year Japanese | 5         |
| Electives      |                     | 12        |
| <b>Credits</b> |                     | <b>17</b> |

**Spring**

|         |                     |                                        |
|---------|---------------------|----------------------------------------|
| JPN 303 | Third-Year Japanese | Complete third-year language courses 5 |
|---------|---------------------|----------------------------------------|

|                      |           |
|----------------------|-----------|
| Electives            | 12        |
| <b>Credits</b>       | <b>17</b> |
| <b>Total Credits</b> | <b>51</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                |                                          |           |
|----------------|------------------------------------------|-----------|
| JPN 411        | Fourth-Year Spoken Japanese              | 4         |
| JPN 414        | Fourth-Year Reading and Writing Japanese | 4         |
| Electives      |                                          | 8         |
| <b>Credits</b> |                                          | <b>16</b> |

**Winter**

|                |                                          |           |
|----------------|------------------------------------------|-----------|
| JPN 412        | Fourth-Year Spoken Japanese              | 4         |
| JPN 415        | Fourth-Year Reading and Writing Japanese | 4         |
| Electives      |                                          | 8         |
| <b>Credits</b> |                                          | <b>16</b> |

**Spring**

|                      |                                                                         |                                             |
|----------------------|-------------------------------------------------------------------------|---------------------------------------------|
| JPN 413 or JPN 416   | Fourth-Year Spoken Japanese or Fourth-Year Reading and Writing Japanese | Complete fourth-year language requirement 4 |
| Electives            |                                                                         | 12                                          |
| <b>Credits</b>       |                                                                         | <b>16</b>                                   |
| <b>Total Credits</b> |                                                                         | <b>48</b>                                   |

## Chinese Minor

Learn Chinese language, culture, society, literature, and linguistics from historical and contemporary perspectives. Our classes encourage active participation and communication in a friendly and supportive environment. The Chinese minor combines language courses with culture, literature, and linguistics courses. Chinese is one of several minors taught within the Department of East Asian Languages and Literatures.

### Minor in Chinese

The Chinese minor requires a minimum of six upper-division courses (24 graded credits), which must consist of at least three language courses, two courses in literature, linguistics, and/or culture, and a sixth course with a CHN or EALL subject code. At least three of the six courses must be taken in residence on the University of Oregon campus from the Department of East Asian Languages and Literatures.

| Code                                                                                                          | Title                         | Credits |
|---------------------------------------------------------------------------------------------------------------|-------------------------------|---------|
| Modern Chinese language—a minimum of three courses, at third-year level or higher, chosen from the following: |                               |         |
| CHN 301                                                                                                       | Third-Year Chinese            |         |
| CHN 302                                                                                                       | Third-Year Chinese            |         |
| CHN 303                                                                                                       | Third-Year Chinese            |         |
| CHN 411                                                                                                       |                               |         |
| CHN 412                                                                                                       |                               |         |
| CHN 413                                                                                                       | Modern Chinese Texts: [Topic] |         |
| Culture, literature, film, linguistics—a minimum of two courses chosen from the following                     |                               |         |

|         |                                                    |
|---------|----------------------------------------------------|
| CHN 305 | History of Chinese Literature                      |
| CHN 306 | History of Chinese Literature II, The Imperial Age |
| CHN 307 | History of Chinese Literature                      |
| CHN 308 | Literature of Modern Taiwan                        |
| CHN 480 | Chinese Linguistics                                |

Upper-division language courses must be taken at the University of Oregon or through an Oregon University System program in China. Lower-division courses must be passed with grades of C– or better or P; upper-division courses must be passed with grades of C– or better.

## Japanese Minor

Learn Japanese language, culture, society, literature, and linguistics from historical and contemporary perspectives. Our classes encourage active participation and communication in a friendly and supportive environment. The Japanese minor combines language courses with culture, literature, and linguistics courses. Japanese is one of several minors taught within the Department of East Asian Languages and Literatures.

### Minor in Japanese

The Japanese minor requires a minimum of 6 upper-division courses (a minimum of 24 graded credits), which must consist of at least 3 language courses, 2 courses in literature, linguistics, and/or culture, and a sixth course that has any JPN or EALL subject code. At least three of the six courses must be taken in residence on the University of Oregon campus from the Department of East Asian Languages and Literatures.

| Code                                                                                                    | Title                                    | Credits |
|---------------------------------------------------------------------------------------------------------|------------------------------------------|---------|
| Japanese language—a minimum of three courses, at third-year level or higher, chosen from the following: |                                          |         |
| JPN 301                                                                                                 | Third-Year Japanese                      |         |
| JPN 302                                                                                                 | Third-Year Japanese                      |         |
| JPN 303                                                                                                 | Third-Year Japanese                      |         |
| JPN 411                                                                                                 | Fourth-Year Spoken Japanese              |         |
| JPN 412                                                                                                 | Fourth-Year Spoken Japanese              |         |
| JPN 413                                                                                                 | Fourth-Year Spoken Japanese              |         |
| JPN 414                                                                                                 | Fourth-Year Reading and Writing Japanese |         |
| JPN 415                                                                                                 | Fourth-Year Reading and Writing Japanese |         |
| JPN 416                                                                                                 | Fourth-Year Reading and Writing Japanese |         |
| JPN 434                                                                                                 | Advanced Readings in Japanese Literature |         |
| JPN 435                                                                                                 | Advanced Readings in Japanese Literature |         |
| JPN 436                                                                                                 | Advanced Readings in Japanese Literature |         |
| JPN 437                                                                                                 | Classical Japanese Literary Language     |         |
| JPN 455                                                                                                 | Japanese Business Culture and Language   |         |
| Culture, literature, film, linguistics—a minimum of two courses chosen from the following               |                                          |         |
| JPN 305                                                                                                 | Introduction to Japanese Literature      |         |
| JPN 306                                                                                                 | Introduction to Japanese Literature      |         |
| JPN 307                                                                                                 | Introduction to Japanese Literature      |         |
| JPN 315                                                                                                 | Introduction to Japanese Linguistics     |         |

Upper-division language courses must be taken at the University of Oregon or through an Oregon University System program in Japan. Lower-division courses must be passed with grades of C– or better or P; upper-division courses must be passed with grades of C– or better.

## Korean Minor

Learn Korean language, culture, society, literature, and linguistics from historical and contemporary perspectives. Our classes encourage active participation and communication in a friendly and supportive environment. The Korean minor combines language courses with culture, literature, and linguistics courses. Korean is one of several minors taught within the Department of East Asian Languages and Literatures.

### Minor in Korean

The Korean minor requires a minimum of six upper-division courses (24 graded credits), which must consist of at least three language courses, two courses in literature, linguistics, and/or culture, and a sixth course with a KRN or EALL subject code. At least three of the six courses must be taken in residence on the University of Oregon campus from the Department of East Asian Languages and Literatures.

| Code                                                                                                  | Title                                       | Credits |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------|---------|
| Korean language—a minimum of three courses, at third-year level or higher, chosen from the following: |                                             |         |
| KRN 301                                                                                               | Third Year Korean                           | 5       |
| KRN 302                                                                                               | Third-Year Korean                           | 5       |
| KRN 303                                                                                               | Third-Year Korean                           | 5       |
| KRN 411                                                                                               |                                             | 4       |
| KRN 412                                                                                               |                                             | 4       |
| KRN 413                                                                                               |                                             | 4       |
| Culture, literature, film, linguistics—a minimum of two courses chosen from the following:            |                                             |         |
| KRN 309                                                                                               | Languages and Cultural Formation in Korea   | 4       |
| KRN 315                                                                                               | Introduction to Korean Linguistics          | 4       |
| KRN 361                                                                                               | Korean Popular Culture and Transnationalism | 4       |

Upper-division language courses must be taken at the University of Oregon or through an Oregon University System program in Korea. Lower-division courses must be passed with grades of C– or better or P; upper-division courses must be passed with grades of C– or better.

## East Asian Languages and Literatures (MA)

<https://eall.uoregon.edu/>

The Department of East Asian Languages and Literatures offers programs of study leading to the degrees of master of arts (MA) in East Asian Languages and Literatures. Students may choose to specialize in Chinese Studies, Japanese Studies, Korean Studies, or Linguistics.

In addition to departmental requirements, graduate students must fulfill the general requirements of the Division of Graduate Studies listed in that section of this catalog.

The Chinese, Japanese, and Korean studies programs, which prepare students to work in a variety of professional and academic fields, provide intensive training in linguistic and textual analysis and an extensive exposure to literary theory, film studies, and comparative and cultural studies. The department encourages students to develop their specialization in East Asian literatures and films in broader, more

comparative, and more interdisciplinary and transnational perspectives than has been the case in traditional programs. The faculty's research and teaching interests cover the major fields, genres, and chronological divisions of Chinese, Japanese and Korean literature and film. They encourage creative connections and challenges to conventional disciplinary boundaries by exploring the relationships between literature-cinema and such areas as history, law, linguistics, politics, religion, philosophy, sociology, theater and the performing arts, and women's, gender, and sexuality studies.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Coursework Master's Students: Demonstrate mastery of subject content knowledge.
- Coursework Master's Students: Demonstrate effective oral and written communication skills.
- Thesis Master's Students: Demonstrate mastery of subject content knowledge.
- Thesis Master's Students: Demonstrate effective oral and written communication skills.
- Thesis Master's Students: Conduct independent research and analysis in their discipline and contribute substantive work in their field.
- Chinese Studies (p. 97)
- Japanese Studies (p. 97)
- Korean Studies (p. 98)
- Linguistics and Language Pedagogy (p. 98)

## Master of Arts in East Asian Languages and Literatures, Chinese Studies: Option One

This is the usual option for students seeking the MA degree in East Asian languages and literatures with a specialization in Chinese studies. It prepares students for study at the doctoral level.

| Code                                                                                                                                                                                                    | Title                                         | Credits   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------|
| CHN 623                                                                                                                                                                                                 | Early Chinese Literature                      | 5         |
| CHN 624                                                                                                                                                                                                 | Medieval and Late Imperial Chinese Literature | 5         |
| CHN 625                                                                                                                                                                                                 | Modern Chinese Literature                     | 5         |
| EALL 611                                                                                                                                                                                                | Critical Approaches                           | 2         |
| Five seminars on Chinese subject matter (at least three with the CHN subject code)                                                                                                                      |                                               | 20        |
| Two graduate courses in linguistics, literary theory, or another literature (advisor approved); as appropriate, these courses may count toward the five Chinese seminars                                |                                               |           |
| One course in language pedagogy, Asian history, or another field relevant to student's career objectives (advisor approved); as appropriate, may count as one of the five Chinese seminars <sup>1</sup> |                                               |           |
| CHN 503                                                                                                                                                                                                 | Thesis <sup>2</sup>                           | 9         |
| <b>Total Credits</b>                                                                                                                                                                                    |                                               | <b>46</b> |

<sup>1</sup> Reading and Conference: [Topic] (CHN 605) may be counted toward the fourteen required courses, with advisor approval.

<sup>2</sup> Students who elect to write a thesis must register for this course.

Students must pass a comprehensive written examination at the end of study or write a master of arts thesis.

## Master of Arts in East Asian Languages and Literatures, Chinese Studies: Option Two

A master's student may, in consultation with the student's advisor, apply for early entry to the PhD program. Such applications are typically made spring term but, in any event, after at least two terms at the university. Applications must include transcripts, three recommendations, and a statement of the student's prospective course of study. Students who elect this option are awarded the master's degree upon completion of the course work for the PhD degree. Students must pass a comprehensive oral examination that covers the student's primary areas of study.

| Code                                                                                                                                                                                                    | Title                                         | Credits   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------|
| CHN 623                                                                                                                                                                                                 | Early Chinese Literature                      | 5         |
| CHN 624                                                                                                                                                                                                 | Medieval and Late Imperial Chinese Literature | 5         |
| CHN 625                                                                                                                                                                                                 | Modern Chinese Literature                     | 5         |
| EALL 611                                                                                                                                                                                                | Critical Approaches                           | 2         |
| Five seminars on Chinese subject matter (at least three with the CHN subject code)                                                                                                                      |                                               | 20        |
| Two graduate courses in linguistics, literary theory, or another literature (advisor approved); as appropriate, may count toward the five Chinese seminars                                              |                                               |           |
| One course in language pedagogy, Asian history, or another field relevant to student's career objectives (advisor approved); as appropriate, may count as one of the five Chinese seminars <sup>1</sup> |                                               |           |
| <b>Total Credits</b>                                                                                                                                                                                    |                                               | <b>37</b> |

<sup>1</sup> Reading and Conference: [Topic] (CHN 605) may be counted toward the twelve required courses, with advisor approval.

## Master of Arts in East Asian Languages and Literatures, Japanese Studies

The student takes 12 related to the field of Japanese studies:

| Code                                                                          | Title                                    | Credits   |
|-------------------------------------------------------------------------------|------------------------------------------|-----------|
| Six courses in Japanese studies                                               |                                          | 24        |
| Two courses in methodology-theory                                             |                                          | 8         |
| Two East Asian-related courses, which may be taught outside of the department |                                          | 8         |
| Select one of the following:                                                  |                                          | 4         |
| JPN 537                                                                       | Classical Japanese Literary Language     |           |
| JPN 534                                                                       | Advanced Readings in Japanese Literature |           |
| Course in the Japanese Global Scholars Program <sup>1</sup>                   |                                          | 4         |
| <b>Total Credits</b>                                                          |                                          | <b>48</b> |

<sup>1</sup> For nonnative speakers of Japanese; native speakers of Japanese take an additional course in Japanese studies in place of this requirement.

In addition to the completion of the required courses, students must pass a comprehensive examination at the end of study or complete a master of arts thesis. The examination and degree-granting process differs for



terminal MA students and for students who apply for continued study in the university's PhD program (see below).

Terminal MA Students in Japanese Studies

Those students who are not planning to go on to the PhD must successfully pass a **two-part written examination** based on the following reading list:

- 1. Approximately 20 works of Japanese literature and/or Japanese film, which should provide comprehensive coverage of major periods, writers, and genres of Japanese literature and/or film. The student's advisor will provide a model reading list.
- 2. Approximately 10 works of general theory and criticism, based on the student's specialized area, which can be outside the area of Japanese studies.
- 3. Approximately 10 works in a specialized area of the student's own choosing.

The first part of the exam shall include questions pertaining to broad issues in the field of Japanese literature and film deriving from section one of the student's reading list. The second part of the exam, to be administered a week later, shall cover more specialized questions deriving from sections two and three of the student's reading list. The student shall have forty-eight hours for each part to produce the final typed, double-spaced exams of approximately ten to twelve pages each.

The faculty committee administering the examination shall determine whether the student has successfully fulfilled the requirements for the MA degree, and shall confer one of the following grades: *distinction*, *clear pass*, *marginal pass*, or *failure*. Should the advisor determine that the candidate has not been successful, he or she may recommend that the student be given one additional opportunity to pass the exam during the next academic term.

Consulting the advisor, the student can complete an MA thesis instead of passing a comprehensive examination at the end of study. Students who elect to write a thesis must register for 9 credits of Thesis (JPN 503). As in the case of students who take comprehensive examinations, the faculty committee shall determine whether the student has successfully fulfilled the requirements of the MA degree, and shall confer one of the following grades: *distinction*, *clear pass*, *marginal pass*, or *failure*. Should the committee determine that the candidate has not been successful, its members may recommend that the student be given additional time to revise the thesis or to pass the exam during the next academic term.

Master of Arts in East Asian Languages and Literatures, Korean Studies

The MA degree in East Asian Languages and Literatures with a specialization in Korean literature, film, and culture requires successful completion of a minimum of 12 graduate-level courses (at least 4 credits each). These courses must be chosen in consultation with the student's advisor.

| Code                                                                   | Title | Credits |
|------------------------------------------------------------------------|-------|---------|
| Three courses in the Korean sector                                     |       | 12      |
| Four Korea-related courses, which may be taught outside the department |       | 16      |
| Five advisor-approved electives with the subject code EALL             |       | 20      |
| Total Credits                                                          |       | 48      |

In addition to completion of the required courses, students must pass a comprehensive examination at the end of study or write and defend a MA thesis.

Option 1: MA Comprehensive Exam

Students who choose to take a comprehensive exam must successfully pass a two-part written examination based on the following reading list:

- 1. Approximately 20 works of Korean literature and/or film, which should provide comprehensive coverage of major periods, writers, and genres of Korean literature and/or film. The student's advisor will provide a model reading list.
- 2. Approximately 10 works of general theory and criticism, based on the student's specialized area, which can be outside of the area of Korean studies.
- 3. Approximately 10 works of a specialized area of the student's own choosing.

The first part of the exam shall include questions pertaining to broad issues in the field of Korean literature and/or film deriving from section one of the students' reading list. The second part of the exam, to be administered a week later, shall cover more specialized questions deriving from sections two and three of the student's reading list. The student shall have 48 hours for each part to produce the final typed, double-spaced exams of approximately 10 to 12 pages each.

Option 2: MA Thesis

Students who elect to write a thesis must register for 9 credits of Thesis (KRN 503).

Two terms before graduation, the student meets with the advisor during the first week of the term to set up a two-member committee and a schedule for submitting thesis or project drafts (e.g., the first week of winter term if planning to graduate spring term).

At least six weeks before the date of the thesis or project defense, the student submits a draft to the main advisor for approval. The advisor is expected to return comments within two weeks. Then, a continuing dialogue ensues between the student and advisor until the manuscript is considered complete. If approval is not obtained at this point, there is no guarantee that the student will be able to graduate that term.

The student submits a clean copy of the thesis or project to the advisor and committee members either two weeks before defense or four weeks before the filing date for an approved thesis as published by the Graduate School.

East Asian Languages and Literatures Major - Linguistics and Language Pedagogy

This MA program offers a complete East Asian linguistics and pedagogy program, covering Chinese, Japanese, and Korean. Students may elect to specialize in Chinese, Japanese, or Korean linguistics and pedagogy.

| Code                            | Title                          | Credits |
|---------------------------------|--------------------------------|---------|
| EALL 611                        | Critical Approaches            | 2       |
| Core Courses (Chinese Focus)    |                                |         |
| Choose four from the following: |                                | 16      |
| CHN 580                         | Chinese Linguistics            |         |
| CHN 581                         | Pedagogical Grammar of Chinese |         |
| EALL 542                        | Second-Language Acquisition    |         |

|          |                                        |
|----------|----------------------------------------|
| EALL 543 | Chinese, Japanese, and Korean Pedagogy |
| EALL 680 | Linguistics Research and Bibliography  |

**Core Courses (Japanese Focus)**

Choose four from the following: 16

|          |                                        |
|----------|----------------------------------------|
| EALL 541 |                                        |
| EALL 542 | Second-Language Acquisition            |
| EALL 543 | Chinese, Japanese, and Korean Pedagogy |
| EALL 680 | Linguistics Research and Bibliography  |

One course in Japanese pedagogical grammar

**Core Courses (Korean Focus)**

Choose four from the following: 16

|          |                                        |
|----------|----------------------------------------|
| EALL 541 |                                        |
| EALL 542 | Second-Language Acquisition            |
| EALL 543 | Chinese, Japanese, and Korean Pedagogy |
| EALL 680 | Linguistics Research and Bibliography  |

One course in Korean pedagogical grammar

**Linguistics Electives**

Choose at least four of the following: 16

|          |                                                              |
|----------|--------------------------------------------------------------|
| CHN 582  | History of the Chinese Language                              |
| CHN 507  | Seminar: [Topic] (Figurative Language)                       |
| EALL 507 | Seminar: [Topic] (Sociophonetics)                            |
| EALL 507 | Seminar: [Topic] (Phonetics and Second-Language Acquisition) |

**Open Electives**

Four advisor-approved courses in linguistics, literature, and languages with an EALL subject code 16

<sup>1</sup> Must be taken by all graduate students during first term.**Additional Requirements**

Nonnative speakers are required to complete a course (or receive credit by examination) in the language in which they specialize at the fourth-year level. For Japanese, this would be a Global Scholars course.

The Graduate School requires all MA students to take a total of 9 credits in 600-level courses.

**MA Comprehensive Exam, MA Project, or MA Thesis (4–9 credits).**

Students are required to either pass an MA comprehensive exam or successfully complete an MA project or thesis.

## East Asian Languages and Literatures (PhD)

<https://eall.uoregon.edu/>

The Department of East Asian Languages and Literatures offers the doctor of philosophy (PhD) in East Asian Languages and Literatures. Students may choose to specialize in Chinese Studies, Japanese Studies, Korean Studies, or Linguistics.

In addition to departmental requirements, graduate students must fulfill the general requirements of the Division of Graduate Studies listed in that section of this catalog.

The Chinese, Japanese, and Korean studies programs, which prepare students to work in a variety of professional and academic fields, provide intensive training in linguistic and textual analysis and an

extensive exposure to literary theory, film studies, and comparative and cultural studies. The department encourages students to develop their specialization in East Asian literatures and films in broader, more comparative, and more interdisciplinary and transnational perspectives than has been the case in traditional programs. The faculty's research and teaching interests cover the major fields, genres, and chronological divisions of Chinese, Japanese and Korean literature and film. They encourage creative connections and challenges to conventional disciplinary boundaries by exploring the relationships between literature-cinema and such areas as history, law, linguistics, politics, religion, philosophy, sociology, theater and the performing arts, and women's, gender, and sexuality studies.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content knowledge.
- Demonstrate effective oral and written communication skills.
- Conduct independent research and analysis in their discipline and contribute original and substantive work in their field.
- Demonstrate independent critical thinking and advanced knowledge in their current discipline and in related areas of their discipline.
- Demonstrate professionalization in the field of study in the form of publications, presentations, conference attendance, funded fellowships received, and other professional association activities.
- Chinese Studies (p. 99)
- Japanese Studies (p. 100)
- Korean Studies (p. 100)
- Linguistics (p. 100)

## PhD in East Asian Languages and Literatures, Chinese Studies

The PhD degree in East Asian languages and literatures with a specialization in Chinese studies requires completion of a minimum of six 4-credit graduate-level courses beyond those required for the MA degree. Depending on the student's background or preparation at the time of admission to the PhD program, the number of required courses may be nine or twelve. Courses must be chosen in consultation with the student's advisor.

| Code                                                    | Title                                         | Credits |
|---------------------------------------------------------|-----------------------------------------------|---------|
| Six courses in Chinese literature, linguistics, or film |                                               |         |
| CHN 623                                                 | Early Chinese Literature                      | 5       |
| CHN 624                                                 | Medieval and Late Imperial Chinese Literature | 5       |
| CHN 625                                                 | Modern Chinese Literature                     | 5       |

Select one of the following:

Demonstrate the ability to use a second foreign language substantively in research or pass a translation examination in the language

Demonstrate advanced knowledge of a particular methodology or theory by taking three graduate-level courses, including one course in CHN 605 for which the student writes a paper applying the methodology to Chinese literature

Complete three courses in a secondary literature

<sup>1</sup> Or equivalents—unless the student has already taken these courses.

## PhD in East Asian Languages and Literatures, Japanese Studies

The PhD with a specialization in Japanese studies requires students to successfully complete nine graduate courses beyond the number required for the MA degree. These courses must be chosen in consultation with the student's advisor. Appropriate courses in related fields (e.g., Japanese history, religion) may be substituted with the advisor's approval.

| Code                                                                           | Title | Credits |
|--------------------------------------------------------------------------------|-------|---------|
| Four courses in Japanese studies                                               |       |         |
| Two courses in methodology-theory, preferably in Japanese studies <sup>1</sup> |       |         |
| Japanese linguistics or teaching methodology course                            |       |         |
| Two courses chosen in consultation with advisor <sup>1</sup>                   |       |         |

<sup>1</sup> At least one of the two must be in EALL

## PhD in East Asian Languages and Literatures, Korean Studies

The PhD degree in East Asian languages and literatures with a specialization in Korean studies requires nine to twelve graduate-level courses depending on the student's background or preparation at the time of admission to the PhD program. The program will be customized in consultation with the student's advisor.

## PhD in East Asian Languages and Literatures, Linguistics

The PhD with a specialization in East Asian linguistics is designed to build a high level of competence in linguistics research in Chinese, Japanese, or Korean. The program has four components:

- Course work
- Comprehensive exam
- Qualifying paper
- Dissertation

A total of nine graduate courses beyond those at the MA level is required. Courses must be chosen in consultation with a doctoral advisor.

| Code                                                         | Title                                  | Credits |
|--------------------------------------------------------------|----------------------------------------|---------|
| Choose three or more core courses in East Asian linguistics: |                                        |         |
| CHN 580                                                      | Chinese Linguistics                    |         |
| EALL 540                                                     |                                        |         |
| EALL 541                                                     |                                        |         |
| EALL 680                                                     | Linguistics Research and Bibliography  |         |
| Choose three or more electives in East Asian linguistics:    |                                        |         |
| CHN 581                                                      | Pedagogical Grammar of Chinese         |         |
| CHN 582                                                      | History of the Chinese Language        |         |
| EALL 543                                                     | Chinese, Japanese, and Korean Pedagogy |         |
| KRN 510                                                      | Experimental Course: [Topic]           |         |
| EALL 542                                                     | Second-Language Acquisition            |         |

|         |              |
|---------|--------------|
| CHN 603 | Dissertation |
| JPN 603 | Dissertation |

Other electives may be taken in linguistics, language teaching specialization, or psychology in consultation with an advisor.

Students in the PhD track must successfully complete a comprehensive examination and prospectus defense (culture students) or qualifying paper (linguistics students) to advance to candidacy (all but dissertation) status. By the end of their second year in the program (at the very latest), each student should identify a committee of three faculty members who will oversee their training for the comprehensive examination. Since each person's needs and interests may be different, students are expected to work closely with their primary advisor at all stages of the process.

## Comprehensive Examination

The goal of the comprehensive examination is to ensure that students have received training broad enough to qualify as a teacher beyond the narrow research focus of their dissertation. The comprehensive examination is composed of a written and an oral component.

In conjunction with their primary advisor, students choose three fields, a major field and two minor fields, each to be advised by a faculty member in that area. Cultural fields may be determined by genre, time period, or methodology; linguistic fields may be determined by theoretical orientation, language orientation, and methodology. In conjunction with their advisors, students develop a reading list of twenty to forty items for each field. For culture students, these items may include both primary and secondary texts; the composition of each reading list will be tailored to the individual student's needs. It is expected that reading lists will develop organically from graduate seminars and readings and conferences.

For each field, the student will submit a comprehensive examination paper. The papers may be developed from a term paper written for a seminar or written for the sake of the examination, as determined by the advisor. These comprehensive examination papers should demonstrate the student's broad knowledge of a field. Ideally, for the major field, this paper will be the basis for a dissertation chapter. In some instances, students may be asked to develop a syllabus rather than write a research paper.

Advisors have two weeks to read and approve each comprehensive examination paper. After the three comprehensive examination papers have been approved by the field examiner and the primary advisor, the student schedules an oral examination. The oral examination (one to two hours in duration) is an opportunity for the three examiners to engage the student in an in-depth conversation about the items on the reading lists. The goal of the oral examination is to ensure that students have enough familiarity with both the critical and primary works in the field to teach at the postsecondary level. The oral examination is not open to the public.

Both parts of the comprehensive examination should be completed by the end of the student's third year in the program. It is at the discretion of the committee to determine if students should have a second opportunity to sit for an oral examination if the first attempt is not successful. At the discretion of the committee, those students whose performance is deemed unsatisfactory may be granted a terminal MA.

## Prospectus (Culture Track)

Before scheduling the prospectus defense, students need to notify the graduate secretary of the membership of their dissertation committee (three faculty members from the department and one from another

department). The prospectus defense is the first meeting of the entire dissertation committee to provide feedback on the dissertation research project. The prospectus, a document of twenty to thirty pages, should introduce the research question, the methodology, and a basic outline of the dissertation; a bibliography is required. Once the advisors approve a draft of the dissertation prospectus, certifying that in their opinion the project is well-conceived and viable, the student schedules a meeting of the entire committee. A defense is an opportunity for the committee to ask questions and provide advice and direction for the research project. The prospectus defense is public.

In order to leave enough time for the dissertation research and writing, the prospectus defense should take place during the third year of study and no later than the winter term of the fourth year. Students who are unable to complete a viable prospectus by spring of their fourth year in the program will be granted a terminal MA.

### Qualifying Paper (Linguistics Track)

As the equivalent of the prospectus defense for culture track students, linguistics students are expected to produce an original publishable paper, of substantial length and quality, in a subfield of linguistics. This qualifying paper should demonstrate the student's ability to carry out an empirical study and write an analytical research paper. The unmodified MA thesis cannot serve this purpose.

A committee consisting of the advisor and a second faculty member familiar with the subfield will referee the qualifying paper. The student may be asked to revise the qualifying paper before it is accepted as satisfactory work. Upon documented completion of the paper, the student needs to identify a dissertation committee (three faculty members from the department and one from another department) and notify the graduate secretary. The student then confirms the dissertation topic and presents a prospectus constituting a short abstract detailing their research topic. This should be done within one term of completing the qualifying paper. After the prospectus has been approved, the student will advance to candidacy.

To leave enough time for the dissertation research and writing, the qualifying paper and prospectus should be completed during the third year of study and no later than the winter term of the fourth year. Students who are unable to complete a viable qualifying paper by spring of their fourth year in the program will be granted a terminal MA.

### Program Goals

The comprehensive examination is distinct from the dissertation prospectus or qualifying paper. The comprehensive examination papers and oral examination involve general preparation and give the student an opportunity to show broad knowledge of a field. The prospectus defense for culture-track students is more narrowly focused on the dissertation project and demonstrates the student's ability to identify and define a research project. Similarly, the qualifying paper for linguistics students is focused on the student's main research area and demonstrates the ability to undertake a research project. The comprehensive examination and prospectus defense or qualifying paper enable students to demonstrate that they can be successful as teachers and researchers. Students will advance to ABD (all but dissertation) status after the successful completion of both the comprehensive examination and the prospectus defense or qualifying paper, in addition to the completion of all required course work.

## Dissertation

A dissertation committee is formed at least one month before the prospectus is presented for review and approval. This committee advises the student on writing the dissertation and approves the completed dissertation.

Students who have taken an MA comprehensive exam in Japanese studies do not need to take a PhD comprehensive exam. However, they need to defend their dissertation prospectus within one academic term after the completion of doctoral course work.

## English

### Mark Whalan, Department Head

118 Prince Lucien Campbell Hall  
1286 University of Oregon  
Eugene, Oregon 97403-1286  
541-346-3911  
541-346-1509 fax  
engl@uoregon.edu

With nearly 50 full-time faculty members, the Department of English offers students a broad foundation in traditional British, American, and Anglophone literary studies, as well as intensive course work in interdisciplinary studies, emerging media, and current critical methodologies. Its lower-division courses provide training in writing and introduce the student to literature as a humanistic discipline. Its upper-division courses emphasize the humanistic values that emerge from studying literature and allied disciplines analytically and in depth.

We teach exciting courses in argumentative writing, critical thinking, and ethical dialogue—all skills employers and professional schools desire from new graduates. Our major, minors, and graduate programs include distinctive offerings in environmental humanities, comics and cartoon studies, medical humanities, disability studies, digital humanities, and the study of race and ethnicity.

The study of English opens doors to many careers. All fields of endeavor place high value on the ability to read intelligently and to write clearly. A major in English, with judiciously selected electives, prepares students not only to find that essential first job but also to possess the breadth of outlook and depth of perspective that become increasingly important in subsequent phases of their careers. A student preparing for graduate study in English should construct an appropriate course of undergraduate study in consultation with a faculty advisor.

## Expository Writing

The English department offers required and elective courses in expository writing for all university students to help them improve their ability to write clearly and effectively. Students must fulfill the university writing requirement of two composition courses or be cleared according to established waiver and exemption policies. The requirement is Composition I (WR 121Z) and either Composition II (WR 122Z) or College Composition III (WR 123), or their approved equivalents. Students should complete the writing requirement—with course work, by exemption, or by waiver examination—early in their studies.

## Exemptions

Scores of 37 or better on the new College Board SAT Reading and Writing tests waive the need to take Composition I (WR 121Z). No credit is given for this waiver. A score of 710 or better on the old SAT Critical



Reading test (650 prior to 1995) or 32 or better on the ACT English test will also waive WR 121Z (without credit). A score of 3, 4, or 5 on the Advanced Placement (AP) Language and Composition Examination produces credit for WR 121Z.

## Waiver Examinations

Waiver examinations for Composition I (WR 121Z) and Composition II (WR 122Z) are offered during the first week of classes, fall through spring terms, at the UO Testing Office, 238 University Health, Counseling, and Testing Center Building; call 541-346-3230. Visit the Testing Office website (<https://testing.uoregon.edu/>) to sign up for an examination. No credit is awarded for waiver examinations, and students may not take waiver examinations for both courses in the same term. The essay exams are graded pass/no pass by three members of the Department of English composition committee. Students who do not pass may not retake the examination and should register for the appropriate writing course as soon as possible. Students who pass the exam have an "exemption by exam" notation for either Composition I (WR 121Z) or Composition II (WR 122Z) placed on their degree audit. Waiver exams are not returned to students, nor are they used as a teaching device. Additional help and special tutoring are available to students through the University Teaching and Learning Center.

## Placement

Students for whom English is the native language are placed in their first writing course based on their SAT or ACT verbal scores. Students whose scores fall below 26 on the new SAT Reading and Writing tests, below 480 on the old SAT Verbal, or below 19 on the ACT are eligible for concurrent enrollment in Writing Tutorial (WR 195) with Composition I (WR 121Z).

## Nonnative Speakers

Students for whom English is not the native or primary language are placed in their first writing course on the basis of a placement test. These may include Introductory Academic Writing (AEIS 110), Intermediate Academic Writing (AEIS 111), and Advanced Academic Writing (AEIS 112) (taught in the Department of Linguistics). Placement tests are administered before registration. Nonnative speakers should inquire at the American English Institute, 107 Pacific Hall, for placement test dates.

## Transfer Students

Transfer students in doubt about the equivalency of courses taken elsewhere should bring transcripts and catalog descriptions to the composition office, Department of English, for evaluation.

## Faculty

Faith Barter, assistant professor (19th-century African American literature). AB, 2001, Dartmouth College; JD, 2007, American; MA, 2012, PhD, 2016, Vanderbilt. (2018)

Martha J. Bayless, professor (medieval literature). BA, 1980, Bryn Mawr; MA, 1984, PhD, 1990, Cambridge. (1989)

Carolyn Bergquist, senior lecturer (Renaissance literature; rhetoric and composition). BA, 1994, California State, Stanislaus; MA, 1996, PhD, 2003, Oregon. (2003)

Elizabeth A. Bohls, professor (18th-century literature), associate department head. BA, 1979, Mount Holyoke College; PhD, 1989, Stanford. (1998)

Tina Boscha, senior instructor (composition). BA, 1995, Calvin College; MFA, 2003, Oregon. (2003)

Lara Bovilsky, associate professor (Renaissance literature and culture; graduate professionalism). BA, 1995, Brown; MA, 1998, PhD, 2001, Duke. (2008)

Kirby Brown, associate professor (Native and ethnic American literatures). BA, 1997, Texas, Austin; MA, 2005, Texas, San Antonio. (2011)

Kristy Bryant-Berg, senior instructor (composition). BA, 2002, Colorado, Boulder; MA, 2004, Oregon; PhD, 2009, Oregon. (2014)

Mattie Burkert, assistant professor (digital humanities). BA 2009, New York, NY; MA 2011, Wisconsin, Madison; PhD, 2016, Wisconsin, Madison. (2020)

Anna Carroll, instructor (composition). BA, 2007, MA, 2010, West Florida; PhD, 2015, Oregon. (2018)

Ulrick Casimir, instructor (composition). BA, 1995, North Carolina State; MFA, 2000, North Carolina; MA, 2005, PhD, 2008, Oregon. (2018)

Stephanie Clark, associate professor (medieval literature). BA, 2002, Texas, Dallas; MA, 2004, PhD, 2011, Illinois, Urbana-Champaign. (2011)

Kara Clevinger, senior instructor. BA, 2000, Temple University; MA, 2006, Temple University; PhD, 2015, Temple University. (2014)

José Cortez, assistant professor (rhetoric and composition). BA, 2009, MA, 2011, Eastern Washington; PhD, 2017, Arizona. (2018)

James R. Crosswhite, professor (rhetoric, writing, critical theory). BA, 1975, California, Santa Cruz; MA, 1979, PhD, 1987, California, San Diego. (1989)

Rachel Eccleston, instructor (composition). BA, 2007, Texas, Austin; PhD, 2017, Oregon. (2018)

Karen J. Ford, professor (poetry and poetics, modern poetry, American literature). BA, 1978, California State, Sacramento; MA, 1981, California, Davis; PhD, 1989, Illinois, Urbana-Champaign. (1992)

Miriam Gershow, senior instructor (composition); associate director, composition. BS, 1992, Michigan, Ann Arbor; MFA, 2002, Oregon. (2004)

Helen Huang, instructor (composition). BA, 2002, National Chengchi; MA, 2007, National Taiwan; PhD, 2018, Oregon. (2018)

Michael Jarvis, instructor (composition). BA, 2008, North Carolina, Chapel Hill; MA, 2012, PhD, 2018, California, Riverside. (2018)

Heidi N. Kaufman, Sherl K. Coleman and Margaret E. Guitteau Teaching Professor in the Humanities; associate professor (19th-century British literature). BA, 1991, Drew; MA, 1994, Boston; PhD, 2011, New Hampshire. (2013)

Katherine Kelp-Stebbins, assistant professor (comic studies). BA, 2003, Wesleyan; MA, 2009, PhD, 2014, California, Santa Barbara. (2018)



Anna Kovalchuk, instructor (composition). BA, 2007, California, San Diego; PhD, Oregon, 2017. (2018)

C. Anne Laskaya, associate professor (medieval literature, women writers, rhetoric). BA, 1976, Lawrence; BMus, Lawrence Conservatory of Music; MA, 1978, PhD, 1989, Rochester. (1983)

Stephanie LeMenager, Barbara and Carlisle Moore Distinguished Professor in English and American Literature (environmental literature). BA, 1991, Stanford; MA, 1994, PhD, 1999, Harvard. (2013)

Quinn Miller, associate professor (film and media studies). BA, 2003, Chicago; MA, 2005, PhD, 2010, Northwestern. (2012)

Ross Odell, instructor

Brendan O'Kelly, instructor (composition). BA, 2002, MA, 2004, Colorado, Boulder; PhD, 2016, California, Los Angeles. (2015)

Paul W. Peppis, professor (modern British literature); director, Oregon Humanities Center. BA, 1984, Williams; MA, 1987, PhD, 1993, Chicago. (1995)

Ana Zalyubovskiy, instructor (composition). BA, 1992, MA, 1994, Minnesota State; MFA, 1996, Vermont College. (2018)

Forest Pyle, professor (romanticism, literary theory). BA, 1980, MA, 1983, PhD, 1988, Texas, Austin. (1988)

Mark Quigley, associate professor (Irish literature, 20th-century literature). BA, 1992, Stanford; MA, 1997, PhD, 2003, California, Los Angeles. (2006)

Stephen Rust, senior instructor (composition). BS, 1999, Idaho State; MA, 2006, Oregon State; PhD, 2011, Oregon. (2015)

Benjamin D. Saunders, professor (Renaissance literature, comics studies). BA, 1991, East Anglia; MPhil, 1992, Cambridge; PhD, 2000, Duke. (2000)

Gordon M. Sayre, professor (early American literature, 18th-century literature, folklore), director of undergraduate studies. BA, 1988, Brown; PhD, 1993, State University of New York, Buffalo. (1993)

Emily Simnitt, senior instructor (composition). BA, 1995, Brigham Young; MA, 2005, Idaho State. (2015)

Helen Southworth, professor (modernism, digital humanities). BA, 1989 London; PhD, 1999, California, Los Angeles. (2001)

Thomas Tasker, senior instructor (academic reading and writing, curriculum development). MA, 1992, Illinois, Chicago. (2013)

Courtney Thorsson, associate professor (African American literature, 19th- and 20th-century American literature, food studies). BA, 2000, Virginia; MA, 2004, MPhil, 2006, PhD, 2009, Columbia. (2009)

Avinnash Tiwari, instructor (composition). BA, 2010, Pennsylvania; MA, 2013, Oregon. (2016)

Corbett Upton, senior instructor (Central American poetry); associate director, undergraduate studies. BA, 2001, Arizona State; MA, 2006, PhD, 2010, Oregon. (2010)

Angela Waddell, instructor

Eleanor Wakefield, instructor (composition). BA, 2007, Gonzaga; MA, 2011, PhD, 2017, Oregon, 2017. (2018)

Mark Whalan, professor (modern and 20th-century literature); Robert D. and Eve D. Horn Chair in English and American Literature. BA, 1995, Warwick; MA, 1996, Durham; PhD, 2002, Exeter. (2011)

Elizabeth A. Wheeler, professor (post-1945 literature, cultural studies, disability studies). BA, 1982, Bowdoin; MA, 1988, City University of New York; PhD, 1996, California, Berkeley. (1996)

Jenée Wilde, instructor (composition). BA, 1994, Boise State; MFA, 2003, Goddard College; PhD, 2015, Oregon (2016)

Daniel N. Wojcik, professor (folklore, popular culture). BA, 1978, California, Santa Barbara; MA, 1986, PhD, 1992, California, Los Angeles. (1991)

Henry B. Wonham, professor (19th- and 20th-century American literature). BA, 1983, Princeton; PhD, 1991, Virginia. (1995)

Mary E. Wood, professor (19th-century American literature, gender studies). BA, 1978, Yale; MA, 1980, PhD, 1987, Stanford. (1987)

## Emeriti

James L. Boren, professor emeritus. BA, 1965, San Francisco State; MA, 1967, PhD, 1970, Iowa. (1970)

William Cadbury, professor emeritus. BA, 1956, Harvard; MS, 1957, PhD, 1961, Wisconsin, Madison. (1961)

Suzanne Clark, professor emerita. BA, 1961, MA, 1965, Oregon; PhD, 1980, California, Irvine. (1990)

Dianne M. Dugaw, professor emerita. BA, 1971, Portland; MA, 1976, PhD, 1982, California, Los Angeles. (1990)

James W. Earl, professor emeritus. BA, 1967, Bucknell; PhD, 1971, Cornell. (1987)

Marilyn Farwell, professor emerita. BA, 1963, MacMurray; MA, 1966, PhD, 1971, Illinois. (1971)

John T. Gage, professor emeritus. BA, 1969, MA, 1971, PhD, 1976, California, Berkeley. (1980)

Warren Ginsberg, professor emeritus, Philip H. Knight Professor. MA, 1971, State University of New York, Stony Brook; PhD, 1975, Yale. (2000)

Thelma Greenfield, professor emerita. BA, 1944, MA, 1947, Oregon; PhD, 1952, Wisconsin, Madison. (1963)

Robert Grudin, professor emeritus. BA, 1960, Harvard; MA, 1963, PhD, 1969, California, Berkeley. (1971)

Ruth F. Jackson, senior instructor emerita. BA, 1929, MA, 1933, Oregon. (1955)

Kathleen Rowe Karlyn, professor emerita. BA, 1969, Connecticut; MLA, 1973, Johns Hopkins; PhD, 1992, Oregon. (1994)

Linda Kintz, professor emerita. BA, 1967, Texas Tech; MA, 1969, Southern Methodist; PhD, 1982, Oregon. (1988)

Julia Lesage, professor emerita. MA, 1962, PhD, 1972, Indiana. (1988)

David Leiwei Li, Collins professor of the humanities emeritus. BA, 1982, Shanghai Foreign Languages Institute; MA, 1986, Indiana University of Pennsylvania; PhD, 1991, Texas, Austin. (1999).

Glen A. Love, professor emeritus. BA, 1954, MA, 1959, PhD, 1964, Washington (Seattle). (1965)

William Rockett, associate professor emeritus. BA, 1961, MA, 1963, Oklahoma; PhD, 1969, Wisconsin, Madison. (1966)

William Rossi, professor emeritus. BA, 1972, MA, 1979, Missouri; PhD, 1986, Minnesota. (1989)

George Rowe, professor emeritus; editor, *Comparative Literature*. BA, 1969, Brandeis; MA, 1971, PhD, 1973, Johns Hopkins. (1985)

Steven Shankman, professor emeritus. BA, 1969, Texas, Austin; BA, 1971, MA, 1976, Cambridge; PhD, 1977, Stanford. (1984)

Sharon R. Sherman, professor emerita. PhD, 1965, Wayne State; MA, 1971, California, Los Angeles; PhD, 1978, Indiana. (1976)

Richard L. Stein, professor emeritus. BA, 1965, Amherst; AM, 1966, PhD, 1970, California, Berkeley. (1976)

Richard C. Stevenson, professor emeritus. AB, 1961, AM, 1963, PhD, 1969, Harvard. (1968)

Nathaniel Teich, professor emeritus. BS, 1960, Carnegie-Mellon; MA, 1962, Columbia; PhD, 1970, California, Riverside. (1969)

Louise Westling, professor emerita. BA, 1964, Randolph-Macon Woman's; MA, 1965, Iowa; PhD, 1974, Oregon. (1985)

George Wickes, professor emeritus. BA, 1944, Toronto; MA, 1949, Columbia; PhD, 1954, California, Berkeley. (1970)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Participating

David A. Frank, honors college

Michael Hames-García, ethnic studies

Mat Johnson, creative writing

Sharon Luk, ethnic studies

Sarah Wald, environmental studies

## Undergraduate Programs

### Major - Bachelor's Degree

- English (BA) (p. 104)

### Minors

- Comics and Cartoon Studies (p. 107)
- English (p. 106)
- Digital Humanities (p. 107)
- Disability Studies (p. 108)
- Writing, Public Speaking, and Critical Reasoning (p. 109)

## Certificate

- Writing, Public Speaking, and Critical Reasoning (p. 111)

## Graduate Programs

### Major - Master's Degree

- English (MA) (p. 109)

### Major - Doctoral Degree

- English (PhD) (p. 110)

### Specialization

- Politics, Culture, and Identity (p. 112)

## English (BA)

The Department of English expects its majors to acquire knowledge of English and American literature. In addition, it expects them to gain a sense of history and a reading knowledge of at least one second language. Majors should construct their programs in consultation with an advisor.

An English major offers skills in reading, writing, researching, organizing, responding, arguing, and most importantly, analysis – abilities we need now more than ever. The skills you learn as an English major never grow obsolete, as the ability to understand and shape language is one of the most essential parts of being human.

The Department of English expects its majors to acquire knowledge of English and American literature. In addition, it expects them to gain a sense of history and a reading knowledge of at least one second language. Majors should construct their programs in consultation with an advisor

UO English offers several ways to pursue your passion for stories. These include a major leading to a bachelor's degree and several minors that range from traditional studies in literature and rhetoric to more interdisciplinary programs in a wide range of texts, cultural artifacts, and new media, such as comics and cartoon studies.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Read literary and cultural texts with discernment and comprehension and with an understanding of their conventions.
- Draw on relevant cultural and/or historical information to situate texts within their cultural, political, and historical contexts.
- Perform critical, formal analyses of literary, cinematic, and other cultural texts.
- Write focused, analytical essays in clear, grammatical prose.
- Employ logic, creativity, and interpretive skills to produce original, persuasive arguments.
- Employ primary and/or secondary sources, with proper acknowledgment and citation, as they contribute to a critical essay's thesis.

## Composition Program Learning Outcomes

Upon completion of either WR 122 or WR 123, students should be able to achieve the following outcomes:

- Write essays that develop and respond to a significant question that is relevant to the context in which it is written and appropriate for the audience to which it is addressed.
- Provide logical answers to questions at issue and develop lines of reasoning in support of those answers, while taking into account and responding to objections or competing answers and lines of reasoning.
- Write an essay that is unified around a main claim, proceeds in a logical way, and consists of cohesive paragraphs that separate and connect ideas effectively.
- Produce written work that displays adherence to the conventions of academic writing, including control of grammar, spelling, word usage, syntax, and punctuation; appropriate tone, style, diction, and register; proper formatting, use, and documentation of sources.
- Improve the content and organization of an essay draft in a revision process, both by reevaluating the reasoning and context of the essay and by responding to critiques from peers and instructors.
- Faculty in all programs and departments can build on this preparation by helping students learn:
  - The reasons behind conventions of usage, specialized vocabulary, format, and citation systems in their fields or disciplines
  - Strategies for controlling conventions in their fields or disciplines
  - Factors that influence the ways work is designed, documented, and disseminated in their fields
  - Ways to make informed decisions about intellectual property issues connected to common genres and modalities in their fields

The Department of English expects its majors to acquire knowledge of English and American literature. In addition, it expects them to gain a sense of history and a reading knowledge of at least one second language. Majors should construct their programs in consultation with an advisor.

## English Major Requirements

| Code                                             | Title                                              | Credits      |
|--------------------------------------------------|----------------------------------------------------|--------------|
| <b>Lower-Division Courses</b>                    |                                                    | <b>12-16</b> |
| ENG 205                                          | Genre: [Topic] (two courses with differing topics) |              |
| Two lower-division elective courses <sup>1</sup> |                                                    |              |
| <b>Foundation Courses</b> <sup>2</sup>           |                                                    | <b>8</b>     |
| ENG 303                                          | Foundations of the English Major: Text             |              |
| ENG 304                                          | English Major Foundations: Context                 |              |
|                                                  | or ENG 305 English Major Foundations: Theory       |              |
| <b>Writing Requirement</b> <sup>3</sup>          |                                                    | <b>4</b>     |
| <b>Upper-Division Courses</b> <sup>4</sup>       |                                                    | <b>28-32</b> |
|                                                  | Literature course, pre-1500                        |              |
|                                                  | Literature course, 1500–1789                       |              |
|                                                  | Literature course, 1789 to the present             |              |
|                                                  | Literary theory or rhetoric course                 |              |
|                                                  | Media, folklore, or culture course                 |              |

Gender, ability, queer studies, or sexuality course

Empire, race, or ethnicity course

Additional upper-division course work in literature, media, folklore, or writing <sup>5</sup>

**Total Credits** **52-60**

- <sup>1</sup> May include only one of the following: Introduction to Literature: Fiction (ENG 104), Introduction to Literature: Drama (ENG 105), Introduction to Literature: Poetry (ENG 106), and may include no courses with a WR subject code. ENG 209 counts for writing requirement and lower-division elective.
- <sup>2</sup> Completion of at least one Genre: [Topic] (ENG 205) topics course is a prerequisite or co-requisite for enrolling in ENG 303. Completion of ENG 303 is a pre-requisite for enrolling in ENG 304 or ENG 305.
- <sup>3</sup> May be fulfilled using (a) (ENG 209) The Craft of the Sentence, (b) The Art of the Sentence (ENG 420), or (c) any upper-division WR course.
- <sup>4</sup> One course may satisfy a maximum of two upper-division area requirements at once, as indicated on the current advising supplement.
- <sup>5</sup> No more than 8 credits of Research: [Topic] (ENG 401), Thesis (ENG 403), Reading and Conference: [Topic] (ENG 405), or Writing and Conference: [Topic] (CRWR 405). Upper-division CRWR courses may also be used to fulfill this requirement.

## Additional Requirements

Coursework required for the English major, both lower division and upper division, must be passed with grades of mid-C or better. Majors must complete the university second-language requirement for the BA degree. At least 28 of the required 36 upper-division credits must be taken at the University of Oregon.

## Residency Requirements

The English major allows for 8 of the 32 additional upper division credits to be completed by transfer courses. All of the lower-division credits can be completed at Community Colleges or another school and transferred to the UO.

## Honors Program in English

The program provides qualified undergraduate majors with special options for fulfilling departmental requirements. Honors students interested in the intensive study of literature in small discussion seminars independently explore a special topic of their own choosing, under the guidance of a faculty member. Typically, students spend a major portion of the senior year writing their honors thesis.

## Requirements

1. Completion of all English department requirements
2. Minimum of two terms of Seminar: [Topic] (ENG 407) (Capstone).
3. Two terms of Thesis (ENG 403), a directed program of study or creative writing under the guidance of an appropriate advisor.
4. Senior thesis—either a critical essay of thirty-five to fifty pages or a substantial piece of creative writing. The thesis must be approved by the advisor and a second reader (typically both faculty members in English) after an oral defense.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in English

| Course                                                              | Title                              | Credits | Milestones                             |
|---------------------------------------------------------------------|------------------------------------|---------|----------------------------------------|
| First Year                                                          |                                    |         |                                        |
| Fall                                                                |                                    |         |                                        |
| WR 121Z                                                             | Composition I                      | 4       |                                        |
| First term of first-year second-language sequence                   |                                    | 5       |                                        |
| General-education course in science                                 |                                    | 4       |                                        |
| Lower-division elective course with ENG subject code                |                                    | 4       |                                        |
| Credits                                                             |                                    | 17      |                                        |
| Winter                                                              |                                    |         |                                        |
| WR 122Z                                                             | Composition II                     | 4       |                                        |
| or WR 123                                                           | or College Composition III         |         |                                        |
| Second term of first-year second-language sequence                  |                                    | 5       |                                        |
| General-education course in social science                          |                                    | 4       |                                        |
| Lower-division elective course with ENG subject code                |                                    | 4       |                                        |
| Credits                                                             |                                    | 17      |                                        |
| Spring                                                              |                                    |         |                                        |
| ENG 205                                                             | Genre: [Topic]                     | 4       | Complete writing req                   |
| Third term of first-year second-language sequence                   |                                    | 5       |                                        |
| General-education course in arts and letters                        |                                    | 4       |                                        |
| General-education course in science                                 |                                    | 4       |                                        |
| Credits                                                             |                                    | 17      |                                        |
| Total Credits                                                       |                                    | 51      |                                        |
|                                                                     |                                    |         |                                        |
| Course                                                              | Title                              | Credits | Milestones                             |
| Second Year                                                         |                                    |         |                                        |
| Fall                                                                |                                    |         |                                        |
| ENG 205                                                             | Genre: [Topic]                     | 4       | Begin Foundations of English Major seq |
| ENG 303                                                             |                                    | 4       | Foundations of the English Major: Text |
| First term of second-year second-language sequence                  |                                    | 5       |                                        |
| General-education course in social science                          |                                    | 4       |                                        |
| Credits                                                             |                                    | 17      |                                        |
| Winter                                                              |                                    |         |                                        |
| Second term of second-year second-language sequence                 |                                    | 5       |                                        |
| ENG 304                                                             | English Major Foundations: Context | 4       |                                        |
| General-education course in science                                 |                                    | 4       |                                        |
| Multicultural course in American cultures or international cultures |                                    | 4       |                                        |
| Credits                                                             |                                    | 17      |                                        |
| Spring                                                              |                                    |         |                                        |
| ENG 209                                                             | The Craft of the Sentence          | 4       |                                        |
| ENG 305                                                             | English Major Foundations: Theory  | 4       |                                        |
| Third term of second-year second-language sequence                  |                                    | 5       |                                        |

|                                              |    |
|----------------------------------------------|----|
| General-education course in arts and letters | 4  |
| Credits                                      | 17 |
| Total Credits                                | 51 |

| Course                                                      | Title                | Credits | Milestones                    |
|-------------------------------------------------------------|----------------------|---------|-------------------------------|
| Third Year                                                  |                      |         |                               |
| Fall                                                        |                      |         |                               |
| FLR 320                                                     | Car Cultures         | 4       | Begin BA 2nd-language req     |
| ENG 340                                                     |                      | 4       | Jewish Writers                |
| Upper-division elective course with ENG subject code        |                      | 4       |                               |
| General-education course in social science                  |                      | 4       |                               |
| Credits                                                     |                      | 16      |                               |
| Winter                                                      |                      |         |                               |
| ENG 436                                                     | Advanced Shakespeare | 4       | Completed English writing req |
| General-education course in arts and letters                |                      | 4       |                               |
| General-education course in science                         |                      | 4       |                               |
| Course on women writers chosen in consultation with advisor |                      | 4       |                               |
| Credits                                                     |                      | 16      |                               |
| Spring                                                      |                      |         |                               |
| ENG 407                                                     | Seminar: [Topic]     | 4       |                               |
| ENG 427                                                     | Chaucer              | 4       | Completed BA language req     |
| General-education course in social science                  |                      | 4       |                               |
| Multicultural course in international cultures              |                      | 4       |                               |
| Credits                                                     |                      | 16      |                               |
| Total Credits                                               |                      | 48      |                               |

| Course                                               | Title | Credits | Milestones |
|------------------------------------------------------|-------|---------|------------|
| Fourth Year                                          |       |         |            |
| Fall                                                 |       |         |            |
| Upper-division elective course with ENG subject code |       | 4       |            |
| Three elective courses                               |       | 12      |            |
| Credits                                              |       | 16      |            |
| Winter                                               |       |         |            |
| Upper-division elective course with ENG subject code |       | 4       |            |
| Three elective courses                               |       | 12      |            |
| Credits                                              |       | 16      |            |
| Spring                                               |       |         |            |
| Four elective courses                                |       | 16      |            |
| Credits                                              |       | 16      |            |
| Total Credits                                        |       | 48      |            |

English Minor

The Department of English offers several distinctive minors that range from traditional studies in literature and rhetoric to more interdisciplinary

studies that explore a wide range of texts, cultural materials, and new media.

Our minors are ideal for students who want to think creatively, hone their critical thinking, and become versatile writers. The skills gained in our programs provide vital preparation for business and professional careers, as well as for further academic work or artistic endeavors. The experience of our graduates has proven that studies in literature, rhetoric, and culture are an excellent background for law, medicine, teaching, management, publishing, advertising and advanced technology fields.

## Minor in English

The English minor requires 24 credits of approved course work selected from the documents titled *University of Oregon English Major Requirements* and *Advising Supplement*, which are updated each year. Both documents are available in the English department and on our [website \(https://english.uoregon.edu/undergraduate/explore-our-minors/english-minor/\)](https://english.uoregon.edu/undergraduate/explore-our-minors/english-minor/).

- Of the total 24 credits, a maximum of 8 credits may be taken in lower-division courses.
- All upper-division courses must be taken in residence at the University of Oregon
- Course work must be taken for letter grades and passed with grades of mid-C or better.
- Courses with the prefixes ENG, FLR, HC and writing (WR) courses Principles of Tutoring Writing (WR 312) WR 320, WR 321, Laboratory Projects: [Topic] (WR 408) or WR 423 may be used for the minor.
- Only one of the three Introduction to Literature courses (ENG 104, ENG 105, ENG 106) and transfer equivalents may be used to satisfy minor requirements.
- Research: [Topic] (ENG 401), Thesis (ENG 403), Reading and Conference: [Topic] (ENG 405) and Composition I (WR 121Z), Composition II (WR 122Z), College Composition III (WR 123) may not be used to satisfy minor requirements.

## Comics and Cartoon Studies Minor

### Ben Saunders, Program Director

273 PLC  
1267 University of Oregon  
Eugene, Oregon 97403-1267  
Phone: 541-346-0062  
[ben@uoregon.edu](mailto:ben@uoregon.edu)

Comics are one of the most powerful forms of communication ever devised. Whether students are interested in the humanities or the sciences, finance or philosophy, marketing or medicine, they can learn from the ways that the greatest comics creators have told stories, sold characters, and conveyed messages.

Comics studies draws upon the established fields of art history, literary studies, and cultural studies, while also tapping into the professional traditions of commercial design and advertising. The program's goal is to foster creative thought by encouraging a deeper and more profound understanding of how words and images work together, how they affect us, and how they shape the world in which we live.

## Minor in Comics and Cartoon Studies

This interdisciplinary minor in comics and cartoon studies presents students with an international, historical, and critical perspective on the art of comics, from editorial cartoons to comic books to graphic novels. In taking courses for this minor, students will be required to think beyond accustomed disciplinary boundaries and to analyze and experiment with the interaction of visual and linguistic systems of meaning.

To qualify for the minor, students must take 24 credits of approved courses, including one required course, Introduction to Comic Studies (ENG 280). The remaining courses may be selected from the range of comics-related courses offered through the Departments of Art, Comparative Literature, East Asian Languages and Literatures, English, Ethnic Studies, History of Art and Architecture, and Romance Languages, the Arts and Administration Program, and the School of Journalism and Communication. For details regarding these courses, students should consult the list of offerings available in the Department of English office or online at [comics.uoregon.edu](http://comics.uoregon.edu) (<http://comics.uoregon.edu>).

No more than 12 credits may be taken in lower-division courses, and course work must be passed with grades of mid-C or better.

## Digital Humanities Minor

The way we approach humanities subjects, such as English, history, philosophy, and religious studies, began to change with the advent of the internet. Over past decades, new digital tools and techniques have expanded our subjects and practices of studying these fields. The minor in digital humanities prepares students to enter this new world, equipping them with skills in digital text analysis, data visualization, mapping and geospatial studies, the creation of multimedia archives, and forms of digital storytelling. While learning how to create digital humanities projects, students will have opportunities to study global cultural expressions that emerge through new forms of digital reading, writing, and gaming.

### Program's Admission Requirements

Students wishing to declare the Digital Humanities minor complete a brief form ([https://oregon.qualtrics.com/jfe/form/SV\\_80W3vviWTgPoUBw/](https://oregon.qualtrics.com/jfe/form/SV_80W3vviWTgPoUBw/)) and then connected with the Director of the Digital Humanities Minor (currently Assistant Professor Mattie Burkert) for further advising.

All courses must be taken for a grade and passed with a mid-C or better.

### Digital Humanities Minor Requirements

| Code                                   | Title                                 | Credits |
|----------------------------------------|---------------------------------------|---------|
| ENG 250                                | Literature and Digital Culture        | 4       |
| LIB/DSCI 350M                          | (Humanities Research Data Management) | 4       |
| ENG 470                                | Technologies and Texts Capstone       | 4       |
| Three Additional Courses: <sup>2</sup> |                                       | 12      |
| ART 101                                | Understanding Contemporary Art        |         |
| CINE/ENG 110M                          | Introduction to Film and Media        |         |
| CINE/ENG 260M                          | Media Aesthetics                      |         |
| CINE 230                               | Remix Cultures                        |         |
| CINE 365                               | Digital Cinema                        |         |



|               |                                                 |    |
|---------------|-------------------------------------------------|----|
| CINE/ENG 381M | Film, Media, and Culture                        |    |
| CINE/ENG 486M | New Media and Digital Culture: [Topic]          |    |
| CS 110        | Fluency with Information Technology             |    |
| CS 111        | Introduction to Web Programming                 |    |
| CS 122        | Introduction to Programming and Problem Solving |    |
| CS 210        | Computer Science I                              |    |
| DSCI 101      | Foundations of Data Science I                   |    |
| DSCI 102      | Foundations of Data Science II                  |    |
| ENG 485       | Television Studies                              |    |
| GEOG 181      | Our Digital Earth                               |    |
| GEOG 250      | Geographies of Outdoor Adventure                |    |
| GEOG 281      | The World and Big Data                          |    |
| GEOG 343      | Society, Culture, and Place                     |    |
| GEOG 481      | GIScience I                                     |    |
| GEOG 482      | GIScience II                                    |    |
| GEOG 498      | Geospatial Project Design                       |    |
| J 201         | Media and Society                               |    |
| J 387         | Media History                                   |    |
| MUS 227       | Elements of Electronic Music                    |    |
| MUS 479       | Data Sonification                               |    |
| PHIL 123      | Internet, Society, and Philosophy               |    |
| PHIL 223      | Data Ethics                                     |    |
| PS 349        | Mass Media and American Politics                |    |
| PS 350        | Politics and Film                               |    |
| SOC 317       | Sociology of the Mass Media                     |    |
| WGS 331       | Science, Technology, and Gender                 |    |
| Total Credits |                                                 | 24 |

<sup>1</sup> This requirement may also be fulfilled by LIB 410 (Spring 2023).

<sup>2</sup> At least one class must be at the upper division level. To ensure interdisciplinary, these three courses must come from at least two different departments.

ENG 470/570 (capstone course) must be taken in residence. All other courses can be taken as traditional, hybrid, or online courses at UO or at other universities offering comparable courses. Transfer credits from other institutions must be approved by the DH coordinator in order to count for credit in the minor.

## Disability Studies Minor

**Elizabeth Wheeler, Director**

541-346-3929

238 Prince Lucien Campbell Hall

ewheeler@uoregon.edu

Disability studies is a dynamic interdisciplinary minor that considers disability as a civil and human rights issue, an identity, a community, a history, and a form of critical analysis. Disability studies investigates how different cultures define normality and abnormality in terms of bodies and minds, and how the resultant distinctions impact peoples' everyday lives. Rather than approaching disability as a problem in need of a cure, disability studies as a field understands disability as a defining human experience that offers unique perspectives on culture and society. It

explores issues and histories from the viewpoints of disabled people and communities, in intersection with other identities like race, class, gender, and sexuality.

## Minor in Disability Studies

The minor in disability studies prepares students for a growing range of careers through study of disability and deaf cultures, politics, and histories in fields such as international development, health, design, sign language interpreting, education, and nonprofit management. The interdisciplinary program of study ranges across the university, and many courses fulfill university general-education, multicultural, and second-language requirements.

Course work required for the minor must be passed with grades of mid-C or better. At least 12 of the required 24 credits must be taken at the University of Oregon; at least 12 must be upper-division credits.

| Code                                                                           | Title                                        | Credits |
|--------------------------------------------------------------------------------|----------------------------------------------|---------|
| ENG 240                                                                        | Introduction to Disability Studies           | 4       |
| Choose three from the following list of courses on social models: <sup>1</sup> |                                              | 12      |
| ASL 201–203                                                                    | Second-Year American Sign Language           |         |
| ASL 301                                                                        | American Deaf Culture                        |         |
| CDS 201                                                                        | Communication Disorders in Society and Media |         |
| ENG 313                                                                        |                                              |         |
| ENG 386                                                                        | Bodies in Comics                             |         |
| ES 354                                                                         | Environmental Racism                         |         |
| FHS 483                                                                        | Prevention of Interpersonal Violence         |         |
| GLBL 340                                                                       | Global Health and Development                |         |
| GLBL 467                                                                       | Global Mental Health                         |         |
| HUM 240                                                                        | Medical Humanities                           |         |
| IARC 204                                                                       | Understanding Contemporary Interiors         |         |
| PHIL 335                                                                       | Medical Ethics                               |         |
| PPPM 202                                                                       | Healthy Communities                          |         |
| PPPM 250                                                                       | Arts and Human Values                        |         |
| PPPM 321                                                                       | Inclusive Urbanism                           |         |
| PPPM 407                                                                       | Seminar: [Topic]                             |         |
| PSY 366                                                                        | Culture and Mental Health                    |         |
| SOC 385                                                                        | Medical Sociology                            |         |
| WGS 221                                                                        | Bodies and Power                             |         |
| Choose one from the following list of courses on career paths: <sup>1</sup>    |                                              | 4       |
| ARCH 440                                                                       | Human Context of Design                      |         |
| ASL 101–103                                                                    | First-Year American Sign Language            |         |
| GLBL 463                                                                       | Population Displacement and Global Health    |         |
| PD 487                                                                         | BFA Studio II                                |         |
| PPPM 325                                                                       | Community Leadership and Change              |         |
| PPPM 480                                                                       | Nonprofit Management                         |         |
| PPPM 481                                                                       | Fundraising for Nonprofit Organizations      |         |
| PPPM 484                                                                       | Public and Nonprofit Financial Management    |         |
| PSY 459                                                                        | Cultural Psychology                          |         |
| PSY 472                                                                        | Psychology of Trauma                         |         |
| Field work <sup>2</sup>                                                        |                                              | 4       |

|          |                                   |
|----------|-----------------------------------|
| ENG 404  | Internship: [Topic]               |
| GLBL 435 | Global Perspectives on Disability |
| PSY 406  | Practicum: [Topic]                |
| SPED 406 | Practicum: [Topic]                |
| SPED 407 | Seminar: [Topic]                  |

**Total Credits** 24

- <sup>1</sup> Visit [disability.uoregon.edu](https://disability.uoregon.edu) for a full list of options.
- <sup>2</sup> Fieldwork gives students direct contact with disability and deaf communities, and ranges from self-designed internships to such options as adaptive skiing, community theater, and consultation with international advocates.

All courses must be taken for a letter grade (except for internships associated with Fieldwork) and passed with a C- or better to count toward the minor.

## Writing, Public Speaking, and Critical Reasoning Minor

**Emily Simnitt, Director**  
 301E Tykeson Hall  
 1267 University of Oregon  
 Eugene, Oregon 97403 - 1267  
 541-346-3517  
[esimnitt@uoregon.edu](mailto:esimnitt@uoregon.edu)

Do you believe that reasoned discourse is foundational to democracy and to social change to build a better, more just society? Are you passionate about citizenship and the art of argument? Do you see yourself engaging your listeners through the power of dialogic reasoning? If your answers to these questions are yes, you will thrive with a minor in writing, public speaking, and critical reasoning.

The UO's innovative program will help you to develop your ability to write well, speak effectively in public, and think critically—some of the most valuable skills for life in a globalized world.

## Minor in Writing, Public Speaking, and Critical Reasoning

The minor in writing, public speaking, and critical reasoning prepares undergraduates for active and effective participation in the complex, diverse, and ever-changing communicative situations they will face after graduation.

| Code                                                                                                               | Title                                         | Credits |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------|
| Select two courses in writing from the following: <sup>1</sup>                                                     |                                               | 8       |
| WR 123                                                                                                             | College Composition III                       |         |
| WR 320                                                                                                             | Scientific and Technical Writing              |         |
| WR 321                                                                                                             | Business Communications                       |         |
| ENG 413                                                                                                            | Theories of Literacy                          |         |
| ENG 420                                                                                                            | The Art of the Sentence                       |         |
| WR 423                                                                                                             | Advanced Composition                          |         |
| Select two courses in rhetoric from the following (at least one of which must be ENG 200 or ENG 330): <sup>1</sup> |                                               | 8       |
| ENG 200                                                                                                            | Public Speaking as a Liberal Art <sup>2</sup> |         |
|                                                                                                                    | or ENG 330 Oral Controversy and Advocacy      |         |
| ENG 492                                                                                                            | History of Rhetoric and Composition           |         |

|                                                                  |                             |           |
|------------------------------------------------------------------|-----------------------------|-----------|
| ENG 493                                                          | Modern Rhetorical Criticism |           |
| Select two courses in reasoning from the following: <sup>1</sup> |                             | 8         |
| PHIL 103                                                         | Critical Reasoning          |           |
| ENG 335                                                          | Inventing Arguments         |           |
| <b>Total Credits</b>                                             |                             | <b>24</b> |

- <sup>1</sup> Reasoning, Speaking, Writing (ENG 494), Internship: [Topic] (ENG 404) or Laboratory Projects: [Topic] (WR 198) may be taken to satisfy one course requirement.
- <sup>2</sup> If not already taken.

## English (MA)

The Department of English offers graduate study in English and American literature, film and television studies, folklore, critical theory, rhetoric and composition, cultural studies, popular culture, ecocriticism, ethnic literatures, gender studies, postcolonial studies, comic studies, disability studies. It offers the master of arts (MA) and doctor of philosophy (PhD) degrees in English.

The Department of English offers an MA for students who want to study beyond the BA but who do not plan to complete a PhD. Students whose goal is a doctorate should apply for admission to the department's doctoral program. Students who complete the MA program at the University of Oregon and want to enter the PhD program must reapply to the department for admission into that program. The number of seats in the MA program is limited, and admission is competitive.

### Program's Admission Requirements

Please visit the program's website (<https://cas.uoregon.edu/english/apply/graduate-admissions/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate broad knowledge of literary texts (which may also include film, media, folklore, and/or other objects of study covered in English Department areas of emphasis) in English as well as a general understanding of English and American literary history.
- Demonstrate ability to write to a professional standard within the field of literary studies.
- Demonstrate ability to analyze literary texts (which may include film, media, and/or folklore) using theoretically informed methods as well as skills in close reading.
- Demonstrate ability to speak coherently and professionally about literature (which may also include film, media, and/or folklore), including literary form and genre, literary history, and literary scholarship.
- Demonstrate ability to conduct original research and writing on literature, film, and media, as well as other cultural expressions related to literature, film, and media.
- Demonstrate mastery of a specialized subject area within literary and/or film/media and/or folklore studies, including mastery of both primary sources and scholarship within that area.

## Master of Arts Degree Requirements

| Code    | Title                                       | Credits |
|---------|---------------------------------------------|---------|
| ENG 690 | Introduction to Graduate Studies in English | 5       |

Select one of the following:

Pre-1500 course

1500-1660 course

1660-1800 course

Select one of the following:

19th-century course

20th-century course

Rhetoric or advanced theory course

Nine formal 600-level seminars

A master's thesis may be substituted for one elective seminar with the prior approval of the director of graduate studies in consultation with the faculty thesis advisor. The MA thesis is a substantial scholarly essay researched and written over two terms during the second year of study.

Graduate course work should be completed at the 600 level. Exceptions to this policy must be made in advance by the director of graduate studies in consultation with the individual faculty advisor.

A minimum cumulative GPA of 3.50 in all graduate course work at the UO is required for completion of the MA degree. At least nine courses must be taken in residence at the University of Oregon.

Students who have completed 12 graduate-level English courses (nine taken at the university), attained reading knowledge of one foreign language, and maintained a cumulative GPA of 3.30 or better may apply for the MA degree with a specialty in English or American literature.

## English (PhD)

The Department of English offers graduate study in English and American literature, film and television studies, folklore, critical theory, rhetoric and composition, cultural studies, popular culture, ecocriticism, ethnic literatures, gender studies, postcolonial studies, comic studies, disability studies. It offers the master of arts (MA) and doctor of philosophy (PhD) degrees in English.

In the English PhD program, students take courses exploring a variety of fields and theoretical approaches in years one and two and then focus on their special area of study in years three through five. After fulfilling a limited number of distribution requirements, each student fashions an Individual Program of Study with the assistance of their faculty advisor, who is a specialist in the appropriate field. The number of places in the PhD program is limited, and admission is competitive.

### Program's Admission Requirements

Please visit the program's website (<https://cas.uoregon.edu/english/apply/graduate-admissions/#doctoral>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge of literary texts (which may also include film, media, folklore, and/or other objects of study covered in English Department areas of emphasis, hereafter understood as included in literature literary texts) in English as well as a general understanding of English and American literary history.

- Demonstrate ability to write to a professional standard within the field of literary studies.
- Demonstrate ability to analyze literary texts using theoretically informed methods as well as skills in close reading.
- Demonstrate ability to speak coherently and professionally about literature, including literary form and genre, literary history, and literary scholarship.
- Demonstrate ability to conduct original research and writing on literature, film, and media, as well as other cultural expressions related to literature, film, and media.
- Demonstrate mastery of a specialized subject area within literary and/or film/media studies, including mastery of both primary sources and scholarship within that area.
- Demonstrate ability to write an in-depth, original work of scholarship.
- Demonstrate ability to teach undergraduate composition and/or literature courses to a professional standard.

## Doctor of Philosophy Degree Requirements

| Code    | Title                                        | Credits |
|---------|----------------------------------------------|---------|
| ENG 614 | Introduction to Literary and Cultural Theory | 5       |
| ENG 690 | Introduction to Graduate Studies in English  | 5       |

Select two of the following: <sup>1</sup>

Pre-1500 course

1500-1660 course

1660-1800 course

Select two of the following: <sup>1</sup>

19th century course

20th century course

Rhetoric or advanced theory course

Twelve seminars <sup>2</sup>

<sup>1</sup> Film and folklore courses are included under the appropriate time period.

<sup>2</sup> The seminars, constituting the individual plan of study, may be distributed among any areas, and the plan must be approved by the student's graduate faculty advisor and the director of graduate studies before the second year of study.

Graduate course work should be completed at the 600 level. Exceptions to this policy must be made in advance by the director of graduate studies in consultation with the individual faculty advisor.

A cumulative GPA of 3.50 or better in all graduate work at the UO is the minimum requirement for satisfactory progress toward the PhD.

### Second Language

The graduate language requirement for the doctoral degree is reading competence in two non-English languages or high proficiency in one. Reading competence may be demonstrated in each of two foreign languages as specified under the language requirement for the MA degree. High proficiency may be demonstrated by a grade of A- or better in an approved 400-, 500-, or 600-level literature course, with readings in the target language; scoring at the required levels on the College Level Examination Program (CLEP) test; or passing the Toronto Medieval Latin examination at the PhD level.

Students may petition the graduate committee to test in languages that don't fit the above criteria.

## Teaching

Doctoral candidates must have experience as classroom teachers in the department before they receive the degree.

## Structured Emphasis

Students may define their individual plan of study according to one of seven structured emphasis options: ethnic literary studies, film studies, folklore, literature and the environment, medieval studies, poetry and poetics, or rhetoric and composition. Each emphasis has a focused set of courses and a special section.

## Breadth Examination

Doctoral candidates must take the PhD breadth examination at the beginning of the third year of study, or, if they enter with 6 or more transfer credits, at the beginning of the second year of study. The student and the student's advisor select two examination fields chosen for proximity to and/or importance for the separate, primary research field and project. These fields may provide broad familiarity with readings, texts, or methods that will inform dissertation research, and may also develop areas of relevant professional or teaching competence. They may include historical fields adjacent to the primary research field; genres; or areas of critical theory. The examination includes written (take-home) and oral components based on reading lists generated by the student in consultation with faculty examiners and approved by the Graduate Committee. A student must pass the breadth examination in order to take the PhD major field examination, administered the following year. Students who fail either written portion of the breadth examination do not take the oral portion until they have retaken and passed the failed written part; retakes will occur at the end of that term, postponing the PhD major field examination to the following term.

## Major Field Examination

After students in the PhD program have completed their course work, they must take a two-and-a-half-hour major field examination. Typically taken fall term following completion of all course work and the language requirement, the major field examination provides each student with the opportunity to present and defend a short paper on a topic related to the dissertation. The examination also allows the student to demonstrate expertise in his or her field of specialization. It is divided into two parts:

1. A discussion of a relatively broad field of study that provides a context for the topic or problem examined in part two
2. A prepared presentation by the student on a topic or problem of the student's choice that is related to the dissertation, followed by a discussion of that topic

The topic and areas covered by the major field examination are defined, in the form of a project description and reading list, by the student in consultation with an advisor or advisors and must be approved by the English department graduate committee. As a supplement to the major field examination, a student may choose to complete a one- to two-hour written examination on part two. The major field examination may be retaken only once.

## PhD Dissertation

After completing all other degree requirements, the candidate should consult with a faculty advisor willing to work in the area of the student's interest and submit a dissertation prospectus for approval by the student's dissertation committee. Once the prospectus is approved by the committee and the director of graduate studies, the student is advanced to candidacy. A three-year period for completion of the dissertation

begins when the Division of Graduate Studies approves the advancement to candidacy.

The dissertation may be a work of literary, film, folklore, or linguistic scholarship or, with the approval of the committee, a collection of three substantial essays exhibiting internal coherence though not necessarily treating a single subject. The candidate gives an oral presentation or defense of the dissertation when it is completed and found acceptable by the committee.

## Residency Requirements

The Division of Graduate Studies requires at least three years of full-time work beyond the bachelor's degree for the doctorate with at least one year spent in continuous residence on the Eugene campus. The Division of Graduate Studies requires three consecutive terms (fall, winter, spring) with a minimum of 9 graduate credits of formal course work per term for the PhD year of residency; graduate employees (GEs) must also enroll for a minimum of 9 graduate credits each term they hold a GE appointment.

## Writing, Public Speaking, and Critical Reasoning Certificate

To leave college with the ability to write well, to speak in public, and to think critically is one of the most valuable outcomes of a college education. The minor in writing, public speaking, and critical reasoning offers students a coherent program of courses that will strengthen their abilities in all three essential areas. This interdisciplinary minor is built on courses in English, Writing, and Philosophy, and is taught by professors from English, Philosophy, and the Honors College. The minor is open to all University of Oregon undergraduates in any major. Undergraduates who want even more concentrated work in this area may enroll in the Certificate program, which requires 36 credits (9 courses, including a senior capstone course).

Through coursework in Writing, English, Philosophy, and more, students develop written and speaking skills about how to be effective culturally responsive communicators in career and civic life.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Describe the role of language, identity, and power in community/public communication contexts.
- Examine one's own critical communication process, including reading, writing, listening, and speaking.
- Practice culturally responsive deliberation with others on contemporary issues in the public sphere.
- Examine writing, speaking, and other critical communication forms in a variety of disciplines and public contexts using ethical rhetorical analysis.
- Compose and deliver relevant, purpose-driven documents, speeches, and other forms/genres for audiences beyond the classroom.

## Writing, Public Speaking, and Critical Reasoning Certificate

A certificate in writing, public speaking, and critical reasoning requires 36 credits as follows:

| Code                                                                                 | Title                                                                        | Credits   |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------|
| Select three courses in writing (at least one at the 400 level):                     |                                                                              | 12        |
| ENG 413                                                                              | Theories of Literacy                                                         |           |
| ENG 420                                                                              | The Art of the Sentence                                                      |           |
| WR 123                                                                               | College Composition III                                                      |           |
| WR 320                                                                               | Scientific and Technical Writing                                             |           |
| WR 321                                                                               | Business Communications                                                      |           |
| WR 423                                                                               | Advanced Composition                                                         |           |
| Select three courses in rhetoric (at least one of which must be ENG 200 or ENG 330): |                                                                              | 12        |
| ENG 200                                                                              | Public Speaking as a Liberal Art<br>or ENG 330 Oral Controversy and Advocacy |           |
| ENG 492                                                                              | History of Rhetoric and Composition                                          |           |
| ENG 493                                                                              | Modern Rhetorical Criticism                                                  |           |
| Select two courses in reasoning:                                                     |                                                                              | 8         |
| ENG 335                                                                              | Inventing Arguments                                                          |           |
| PHIL 103                                                                             | Critical Reasoning                                                           |           |
| One capstone course:                                                                 |                                                                              | 4         |
| ENG 494                                                                              | Reasoning, Speaking, Writing                                                 |           |
| <b>Total Credits</b>                                                                 |                                                                              | <b>36</b> |

## Politics, Culture, and Identity Graduate Specialization

### Politics, Culture, and Identity Graduate Specialization

- The completion of 16 credits of approved specialization-related curriculum offered at the 600-level. At least 4 of those credits must come from the Department of English and at least 4 must come from the Department of Political Science.
- The completion of one term of a colloquia course (1 credit; P/NP; ENG 608 Wrk Coll Pol/Cul/Ident; offered during spring term)
- The completion of and two terms of a dissertation writing course (1 credit each; P/NP; ENG 608 Wrk Diss Pol/Cul/Ident; offered in fall and spring terms)
- At least one member of the student's dissertation committee must be a PCI participating faculty member.
- The student's dissertation must have a substantive focus on themes of politics, culture, and identity

## Folklore and Public Culture

### Martha Bayless, Program Director

118 Prince Lucien Campbell Hall  
1287 University of Oregon  
Eugene, OR 97403-1287  
541-346-3911  
flr@uoregon.edu

The Folklore and Public Culture Program is one of a few major centers of folkloristic research in the United States. With more than thirty core and participating faculty, the program provides an interdisciplinary approach to an undergraduate major and minor as well as a Master's Degree, allowing students to create a focused course of study in their areas of interest. Participants in the Folklore and Public Culture Program use theoretical analyses, research methods, and fieldwork

techniques to study the ways tradition continues to enrich human behavior throughout the world. Participants examine the historical, cultural, social, and psychological dimensions of expressive forms such as mythology, legend, folktale, music, dance, art, belief, food, ritual, and ceremony. Students will gain fresh perspectives on the ethnic, regional, occupational, gender, and other identities of individuals in specific communities.

The Folklore and Public Culture Program offers bachelor of arts, master of arts, and master of science degrees in folklore and public culture. An undergraduate minor is also available. Folklore and public culture courses cover an extensive range of interdisciplinary topics: cultural heritage, ethnicity, subcultures, popular culture, performance, gender, film, religion, public folklore, and issues of diversity and globalization. Folklore and public culture graduates work in public and private agencies as educators, archivists, editors, arts and humanities consultants, museum curators, and festival planners.

## Faculty

Martha J. Bayless, professor (Britain, Welsh, Old and Middle English medieval literature and culture). See **English**.

D. Gantt Gurley, associate professor (Scandinavian literature and folklore, Jewish literature and folklore, Old Norse literature). See **German and Scandinavian**.

Habib Iddrisu, assistant professor (Africa, dance, performance). See **Dance**.

Leah Lowthorp, assistant professor (folklore and gender, fieldwork methods and theory, social justice). See **Anthropology**.

Dorothee Ostmeier, professor (18th- and 20th-century literature, culture, philosophy). See **German and Scandinavian**.

Whitney Phillips, assistant professor (digital cultures, media ecologies, media ethics, narrative and identity). See **Journalism and Communication**.

Riki H. Saltzman, instructor (public folklore, foodways, ethnicity-identity). See **Anthropology**.

Gordon M. Sayre, professor (early American literature, 18th-century literature, folklore). See **English**.

Philip W. Scher, professor (Caribbean, politics of culture, transnationalism). See **Anthropology**.

Daniel N. Wojcik, professor (alternative religions, subcultures, vernacular arts). See **English**.

Juan Eduardo Wolf, associate professor (ethnomusicology, folklore, Latin American studies). See **Music**.

## Participating

Ina Asim, history

Mokaya Bosire, linguistics

Bob Bussel, Labor Education and Research Center

Carl R. Bybee, journalism and communication

Matthew Dennis, history



Keith Eggener, history of art and architecture

Maria Fernanda Escallón, anthropology

Kenneth I. Helphand, landscape architecture

Lamia Karim, anthropology

Patricia Lambert, planning, public policy and management

Ana Lara, anthropology

Gabriela Martinez, journalism and communication

Debra L. Merskin, journalism and communication

Julianne H. Newton, journalism and communication

Jeffrey Ostler, history

Priscilla P. Ovalle, English

Eleonora Redaelli, School of Planning, Public Policy and Management

Ben Saunders, English

Janet Wasko, journalism and communication

Stephanie Wood, College of Education

Stephen R. Wooten, global studies

## Undergraduate Programs

### Major - Bachelor's Degree

- Folklore and Public Culture (BA) (p. 113)

### Minor

- Folklore and Public Culture (p. 115)

## Graduate Programs

### Major - Master's Degree

- Folklore and Public Culture (MA/MS) (p. 116)

### Specialization

- Folklore and Public Culture (p. 117)

## Folklore and Public Culture (BA)

Students studying folklore and public culture at the UO receive comprehensive training in scholarly approaches and methods for researching, documenting, and presenting traditional arts and cultural practices within the United States and abroad.

Courses cover an extensive range of interdisciplinary topics: cultural heritage, ethnicity, subcultures, popular culture, performance, gender, film, religion, public folklore, and issues of diversity and globalization. Folklore and Public Culture graduates work in public and private agencies as educators, archivists, editors, arts and humanities consultants, museum curators, and festival planners.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Identify and explain key concepts in academic and public folklore.
- Demonstrate knowledge of the research methods associated with academic and public folklore.
- Understand and apply fieldwork methods and proper documentation techniques necessary for submission of fieldwork for archival preservation.
- Demonstrate knowledge of the multiple theoretical orientations contributing to an understanding and analysis of academic and public folklore.
- Demonstrate an understanding of the types of folkloric expression and various types of folk groups in relationship to historical, cultural, and social contexts.
- Understand and give examples of what academic and public folklorists do.
- Evaluate how academic and public folklore contributes to understanding contemporary issues requiring decision making and policy development.

## Folklore and Public Culture Major

Students studying folklore and public culture at the UO receive comprehensive training in scholarly approaches and methods for researching, documenting, and presenting traditional arts and cultural practices within the United States and abroad. Students majoring in folklore and public culture must earn a minimum of 48 credits, of which 32 must be upper division, and 20 of the 48 must be Folklore (FLR) credits.

| Code                          | Title                    | Credits   |
|-------------------------------|--------------------------|-----------|
| FLR 250                       | Introduction to Folklore | 4         |
| FLR 495                       | Folklore Fieldwork       | 4         |
| Electives from Electives list |                          | 40        |
| <b>Total Credits</b>          |                          | <b>48</b> |

## Electives

| Code            | Title                                      | Credits |
|-----------------|--------------------------------------------|---------|
| <b>Folklore</b> |                                            |         |
| FLR 198         | Workshop: [Topic]                          | 1-2     |
| FLR 225         | Voices of Africa                           | 4       |
| FLR 235         | Folklore and the Supernatural              | 4       |
| FLR 236         | Magic in the Middle Ages                   | 4       |
| FLR 255         | Folklore and United States Popular Culture | 4       |
| FLR 320         | Car Cultures                               | 4       |
| FLR 350         | Folklore and the Bible                     | 4       |
| FLR 370         |                                            | 4       |
| FLR 399         | Special Studies: [Topic]                   | 1-5     |
| FLR 400M        | Temporary Multilisted Course               | 1-5     |
| FLR 401         | Research: [Topic]                          | 1-6     |
| FLR 403         | Thesis                                     | 1-6     |
| FLR 404         | Internship: [Topic]                        | 1-8     |
| FLR 405         | Reading and Conference: [Topic]            | 1-6     |
| FLR 406         | Practicum: [Topic]                         | 1-6     |
| FLR 407         | Seminar: [Topic]                           | 1-5     |
| FLR 408         | Workshop: [Topic]                          | 1-5     |
| FLR 409         | Terminal Project                           | 1-6     |
| FLR 410         | Experimental Course: [Topic]               | 1-5     |
| FLR 411         | Folklore and Religion                      | 4       |

|                                   |                                                        |     |
|-----------------------------------|--------------------------------------------------------|-----|
| FLR 415                           | Folklore and Foodways                                  | 4   |
| <b>Anthropology</b>               |                                                        |     |
| ANTH 114                          | Anthropology of Pirates and Piracy                     | 4   |
| ANTH 119                          | Anthropology and Aliens                                | 4   |
| ANTH 161                          | Introduction to Cultural Anthropology                  | 4   |
| ANTH 315                          | Gender, Folklore, Inequality                           | 4   |
| ANTH 331                          | Cultures of India and South Asia                       | 4   |
| ANTH 365                          | Food and Culture                                       | 4   |
| ANTH 411                          |                                                        | 4   |
| ANTH 429                          | Jewish Folklore and Ethnology                          | 4   |
| ANTH 441                          | Recent Cultural Theory                                 | 4   |
| <b>Arts and Administration</b>    |                                                        |     |
| PPPM 250                          | Arts and Human Values                                  | 4   |
| PPPM 399                          | Special Studies: [Topic]                               | 1-5 |
| PPPM 470                          | The Arts in Society                                    | 4   |
| PPPM 471                          | Cultural Policy                                        | 4   |
| PPPM 472                          | Creative Placemaking                                   | 4   |
| PPPM 480                          | Nonprofit Management                                   | 4   |
| PPPM 473                          | Cultural Programming                                   | 4   |
| AAD 451                           |                                                        | 4   |
| <b>Dance</b>                      |                                                        |     |
| DAN 301                           | African Dance Aesthetics                               | 4   |
| DAN 410                           | Experimental Course: [Topic] (Dema)                    | 1-5 |
| DAN 436                           | Dema African Performance Ensemble: [Topic]             | 3   |
| <b>Judaic Studies</b>             |                                                        |     |
| JDST 213                          | The Jewish Encounter with Modernity (Judaic Studies)   | 4   |
| <b>Music</b>                      |                                                        |     |
| MUS 349                           |                                                        | 3   |
| MUS 358                           | Music in World Cultures                                | 4   |
| MUS 359                           | Music of the Americas                                  | 4   |
| MUS 360                           | Hip-Hop Music: History, Culture, Aesthetics            | 4   |
| MUS 365                           | Regional Ethnomusicology: [Topic]                      | 4   |
| MUS 436                           | World Music Ensemble: [Topic]                          | 2   |
| MUS 451                           | Introduction to Ethnomusicology                        | 4   |
| MUS 452                           | Musical Instruments of the World                       | 4   |
| MUS 462                           | Popular Musics in the African Diaspora                 | 4   |
| <b>Religious Studies</b>          |                                                        |     |
| REL 303                           | Japanese Religions                                     | 4   |
| REL 353                           | Dark Self, East and West                               | 4   |
| <b>Scandinavian and German</b>    |                                                        |     |
| GER 356                           | German Fairy Tales                                     | 1-4 |
| SCAN 259                          | Vikings through the Icelandic Sagas                    | 4   |
| SCAN 325                          | Constructions versus Constrictions of Identity         | 4   |
| SCAN 343                          | Norse Mythology                                        | 4   |
| SCAN 344                          | Medieval Hero and Monster                              | 4   |
| SCAN 345M                         | Food, Culture, and Identity in Germany and Scandinavia | 4   |
| <b>Women's and Gender Studies</b> |                                                        |     |

|         |                                                |   |
|---------|------------------------------------------------|---|
| WGS 321 | Feminist Perspectives: Identity, Race, Culture | 4 |
|---------|------------------------------------------------|---|

Students may substitute courses to fulfill requirements with the approval of their major advisor. Programs from other departments or programs offering folklore-related courses include anthropology, arts and administration, classics, dance, English, ethnic studies, German and Scandinavian, historic preservation, humanities, international studies, journalism and communication, Judaic studies, music, religious studies, Romance languages, theater arts, and women's, gender, and sexuality studies.

## Minimum Grade

Course work required for the folklore and public culture major, both lower division and upper division, must be passed with grades of C– or better. No more than 8 pass/no pass credits may be applied to the major.

## Foreign Language Requirement

Majors must complete the university foreign-language requirement for the BA degree.

## Residency Requirement

Twenty-eight credits of upper-division coursework for the major must be completed at the University of Oregon.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Folklore and Public Culture

| Course                                             | Title                                 | Credits   | Milestones |
|----------------------------------------------------|---------------------------------------|-----------|------------|
| <b>First Year</b>                                  |                                       |           |            |
| <b>Fall</b>                                        |                                       |           |            |
| FLR 225                                            | Voices of Africa                      | 4         |            |
| WR 121Z                                            | Composition I                         | 4         |            |
| ANTH 161                                           | Introduction to Cultural Anthropology | 4         |            |
| First term of first-year second-language sequence  |                                       | 5         |            |
| <b>Credits</b>                                     |                                       | <b>17</b> |            |
| <b>Winter</b>                                      |                                       |           |            |
| ANTH 163                                           | Origins of Storytelling               | 4         |            |
| WR 122Z                                            | Composition II                        | 4         |            |
| or WR 123 or College Composition III               |                                       |           |            |
| Approved HIST course                               |                                       | 4         |            |
| Second term of first-year second-language sequence |                                       | 5         |            |
| <b>Credits</b>                                     |                                       | <b>17</b> |            |
| <b>Spring</b>                                      |                                       |           |            |
| FLR 250                                            | Introduction to Folklore              | 4         |            |
| PSY 201                                            | Mind and Brain                        | 4         |            |
| JDST 213                                           | The Jewish Encounter with Modernity   | 4         |            |
| Third term of first-year second-language sequence  |                                       | 5         |            |
| <b>Credits</b>                                     |                                       | <b>17</b> |            |
| <b>Total Credits</b>                               |                                       | <b>51</b> |            |

| Course                                              | Title                                      | Credits   | Milestones |
|-----------------------------------------------------|--------------------------------------------|-----------|------------|
| <b>Second Year</b>                                  |                                            |           |            |
| <b>Fall</b>                                         |                                            |           |            |
| GEOG 142                                            | Human Geography                            | 4         |            |
| FLR 235                                             | Folklore and the Supernatural              | 4         |            |
| FLR 255                                             | Folklore and United States Popular Culture | 4         |            |
| First term of second-year second-language sequence  |                                            | 5         |            |
| <b>Credits</b>                                      |                                            | <b>17</b> |            |
| <b>Winter</b>                                       |                                            |           |            |
| FLR 320                                             | Car Cultures                               | 4         |            |
| ANTH 341                                            | Food Origins                               | 4         |            |
| Second term of second-year second-language sequence |                                            | 5         |            |
| <b>Credits</b>                                      |                                            | <b>13</b> |            |
| <b>Spring</b>                                       |                                            |           |            |
| ENVS 345                                            | Environmental Ethics                       | 4         |            |
| PPPM 250                                            | Arts and Human Values                      | 4         |            |
| Third term of second-year second-language sequence  |                                            | 5         |            |
| <b>Credits</b>                                      |                                            | <b>13</b> |            |
| <b>Total Credits</b>                                |                                            | <b>43</b> |            |

| Course                    | Title                                       | Credits   | Milestones |
|---------------------------|---------------------------------------------|-----------|------------|
| <b>Third Year</b>         |                                             |           |            |
| <b>Fall</b>               |                                             |           |            |
| MUS 358                   | Music in World Cultures                     | 4         |            |
| GEOG 361                  | Global Environmental Change                 | 4         |            |
| ANTH 365                  | Food and Culture                            | 4         |            |
| Upper Division FLR course |                                             | 4         |            |
| <b>Credits</b>            |                                             | <b>16</b> |            |
| <b>Winter</b>             |                                             |           |            |
| ANTH 326 or similar       |                                             | 4         |            |
| FLR 350                   | Folklore and the Bible                      | 4         |            |
| MUS 360                   | Hip-Hop Music: History, Culture, Aesthetics | 4         |            |
| FLR 411                   | Folklore and Religion                       | 4         |            |
| <b>Credits</b>            |                                             | <b>16</b> |            |
| <b>Spring</b>             |                                             |           |            |
| ANTH 315                  | Gender, Folklore, Inequality                | 4         |            |
| GER 356                   | German Fairy Tales                          | 4         |            |
| PPPM 473                  | Cultural Programming                        | 4         |            |
| MUS 359                   | Music of the Americas                       | 4         |            |
| <b>Credits</b>            |                                             | <b>16</b> |            |
| <b>Total Credits</b>      |                                             | <b>48</b> |            |

| Course                                                  | Title                 | Credits | Milestones |
|---------------------------------------------------------|-----------------------|---------|------------|
| <b>Fourth Year</b>                                      |                       |         |            |
| <b>Fall</b>                                             |                       |         |            |
| FLR 415                                                 | Folklore and Foodways | 4       |            |
| FLR 411                                                 | Folklore and Religion | 4       |            |
| Anthropology course chosen in consultation with advisor |                       | 4       |            |

|                                                         |                                            |              |
|---------------------------------------------------------|--------------------------------------------|--------------|
| PPPM 470                                                | The Arts in Society                        | 4            |
| <b>Credits</b>                                          |                                            | <b>16</b>    |
| <b>Winter</b>                                           |                                            |              |
| FLR 483 or similar                                      |                                            | 4            |
| ANTH 429                                                | Jewish Folklore and Ethnology              | 4            |
| PPPM 399                                                | Special Studies: [Topic] (Arts Management) | 1-5          |
| <b>Credits</b>                                          |                                            | <b>9-13</b>  |
| <b>Spring</b>                                           |                                            |              |
| Program-approved course                                 |                                            | 4            |
| Anthropology course chosen in consultation with advisor |                                            | 4            |
| PPPM 471                                                | Cultural Policy                            | 4            |
| <b>Credits</b>                                          |                                            | <b>12</b>    |
| <b>Total Credits</b>                                    |                                            | <b>37-41</b> |

## Folklore and Public Culture Minor

The interdisciplinary Folklore Program offers perspectives on ethnic, regional, occupational, gender, and other traditional identities of individuals in specific societies and cultures. Students in the program study how traditions enrich and express the dynamics of human behavior throughout the world. Folklore courses examine the historical, cultural, social, political, and economic dimensions of such expressive forms as mythology, legend, art, music, dance, culinary practices, religion, ritual, and ceremony. Folklore and Public Culture minors go on to work as educators, archivists, editors, arts and humanities consultants, museum curators, and festival planners.

### Minor in Folklore and Public Culture Courses

The minor requires the completion of 24 credits. Introduction to Folklore (FLR 250) is required of all minors. A maximum of 8 credits may be taken in lower-division courses. A minimum of 12 credits must be "FLR" courses. Remaining courses are selected from the list of courses on the program website. Students may substitute courses from other departments to fulfill this requirement with the approval of their minor advisor. Programs from other departments and programs offering folklore-related courses include anthropology, arts and administration, classics, dance, English, ethnic studies, German and Scandinavian, historic preservation, humanities, international studies, journalism and communication, Judaic studies, music, religious studies, Romance languages, theater arts, and women's and gender studies.

### Minimum Grade

Course work required for the folklore and public culture minor, both lower division and upper division, must be passed with grades of C– or better. No more than 4 pass/no pass credits may be applied to the minor.

### Residency Requirement

Sixteen credits of course work for the minor must be completed at the University of Oregon.

# Folklore and Public Culture (MA/MS)

The master of arts (MA) or master of science (MS) degree in folklore and public culture is interdisciplinary. In consultation with an advising committee, students take designated courses from faculty members in anthropology, arts and administration, English, folklore and public culture, German, Scandinavian, and music in addition to elective courses that strengthen their areas of expertise. A public folklore track is available to students preparing for careers in the public sector. A thesis or terminal project is required for completion of the degree. Students working toward an MA degree must demonstrate competence in a second language.

Students in the masters degree program in Folklore and Public Culture may choose from two tracks with differing emphases. The General Folklore Track provides students with a strong foundation in folklore studies while also allowing students to take elective courses in their areas of focus. The General Folklore Track requires students to take specific classes from Folklore and Public Culture program faculty in a variety of subjects including anthropology, arts and administration, English, and music, among other disciplines. The Public Folklore Track prepares students who plan to work in the public sphere by building professional skills such as ethnographic research, documentation, grant writing, administration and programming. The program also focuses on building scholarly fundamentals of folklore and establishing relationships within the folklore field.

## Program's Admission Requirements

Please visit the program's website (<https://folklore.uoregon.edu/admission-requirements/>).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- General Folklore (p. 116)
- Public Folklore (p. 116)

## General Folklore Track (62 credits)

| Code                                               | Title                                                  | Credits   |
|----------------------------------------------------|--------------------------------------------------------|-----------|
| <b>Required Courses</b>                            |                                                        |           |
| FLR 681                                            | History and Theory of Folklore Research                | 5         |
| FLR 595                                            | Folklore Fieldwork <sup>1</sup>                        | 4         |
| <b>Interdisciplinary Core Courses <sup>2</sup></b> |                                                        | <b>28</b> |
| <b>Folklore Core Courses</b>                       |                                                        |           |
| FLR 507                                            | Seminar: [Topic] (Video Production)                    |           |
| FLR 511                                            | Folklore and Religion                                  |           |
| FLR 515                                            | Folklore and Foodways                                  |           |
| <b>Anthropology Core Courses</b>                   |                                                        |           |
| ANTH 511                                           |                                                        |           |
| ANTH 529                                           | Jewish Folklore and Ethnology                          |           |
| ANTH 611                                           | Ethnographic Research: Epistemology, Methods, Ethics   |           |
| <b>German and Scandinavian Core Courses</b>        |                                                        |           |
| GER 625                                            | Translations-Transformations (Fairy Tales on the Move) |           |
| <b>Music Core Courses</b>                          |                                                        |           |

|                                                                                          |                                        |           |
|------------------------------------------------------------------------------------------|----------------------------------------|-----------|
| MUS 551                                                                                  | Introduction to Ethnomusicology        |           |
| MUS 552                                                                                  | Musical Instruments of the World       |           |
| MUS 562                                                                                  | Popular Musics in the African Diaspora |           |
| <b>Planning, Public Policy and Management Core Courses</b>                               |                                        |           |
| PPPM 571                                                                                 | Cultural Policy                        |           |
| PPPM 573                                                                                 | Cultural Programming                   |           |
| <b>Electives</b>                                                                         |                                        | <b>16</b> |
| Select courses from the folklore core or outside that bolster areas of student expertise |                                        |           |
| <b>Thesis or Terminal Project</b>                                                        |                                        |           |
| FLR 503                                                                                  | Thesis <sup>3</sup>                    | 9         |
| or FLR 609                                                                               | Terminal Project                       |           |
| <b>Total Credits</b>                                                                     |                                        | <b>62</b> |

- 1
- Or other fieldwork course approved by advising committee.
- 2
- 12 of the 28 credits must be earned in folklore (FLR) courses.
- 3
- Students complete a thesis or terminal project based on original research. The number of thesis or terminal project credits that a candidate may complete has no maximum, although only 9 credits count toward the degree.

Courses are chosen in consultation with the student's advising committee. Students may substitute courses not listed above to fulfill requirements with the approval of their advising committee.

## Master of Arts: Public Folklore Track (63 credits)

| Code                                                       | Title                                                  | Credits |
|------------------------------------------------------------|--------------------------------------------------------|---------|
| <b>Required Courses</b>                                    |                                                        |         |
| FLR 550                                                    |                                                        | 4       |
| FLR 681                                                    | History and Theory of Folklore Research                | 5       |
| FLR 684                                                    | <sup>1</sup>                                           | 5       |
| PPPM 573                                                   | Cultural Programming                                   | 4       |
| <b>Interdisciplinary Core Courses</b>                      |                                                        |         |
| Select 20 credits from the following courses: <sup>2</sup> |                                                        | 20      |
| <b>Folklore Core Courses</b>                               |                                                        |         |
| FLR 507                                                    | Seminar: [Topic] (Video Production)                    |         |
| FLR 511                                                    | Folklore and Religion                                  |         |
| FLR 514                                                    |                                                        |         |
| FLR 515                                                    | Folklore and Foodways                                  |         |
| FLR 516                                                    |                                                        |         |
| FLR 518                                                    |                                                        |         |
| FLR 583                                                    |                                                        |         |
| <b>Anthropology Core Courses</b>                           |                                                        |         |
| ANTH 511                                                   |                                                        |         |
| ANTH 519                                                   |                                                        |         |
| ANTH 529                                                   | Jewish Folklore and Ethnology                          |         |
| ANTH 593                                                   |                                                        |         |
| ANTH 611                                                   | Ethnographic Research: Epistemology, Methods, Ethics   |         |
| <b>German and Scandinavian Core Courses</b>                |                                                        |         |
| GER 625                                                    | Translations-Transformations (Fairy Tales on the Move) |         |

| Music Core Courses                                                                 |                                        |                  |
|------------------------------------------------------------------------------------|----------------------------------------|------------------|
| MUS 551                                                                            | Introduction to Ethnomusicology        |                  |
| MUS 552                                                                            | Musical Instruments of the World       |                  |
| MUS 562                                                                            | Popular Musics in the African Diaspora |                  |
| Planning, Public Policy and Management Core Courses                                |                                        |                  |
| PPPM 571                                                                           | Cultural Policy                        |                  |
| Electives                                                                          |                                        | 12               |
| Select courses from the folklore core or outside that bolster specialization areas |                                        |                  |
| Internship                                                                         |                                        |                  |
| FLR 604                                                                            | Internship: [Topic] <sup>3</sup>       | 4                |
| Thesis or Terminal Project                                                         |                                        |                  |
| FLR 503                                                                            | Thesis <sup>4</sup>                    | 9                |
|                                                                                    | or FLR 609                             | Terminal Project |

- <sup>1</sup> Or other fieldwork course approved by advising committee.
- <sup>2</sup> Students may substitute other courses not listed to fulfill requirements with the approval of their advising committee.
- <sup>3</sup> An internship related to public folklore amounting to 120 clock hours of service on-site, organized through the Folklore Program or the Oregon Folklife Network.
- <sup>4</sup> The number of thesis or terminal project credits that a candidate may complete has no maximum, although only 9 credits count toward the degree.

## Language Requirement for the MA Degree

The master of arts degree requires the satisfactory completion of a second-year level of proficiency in a second language, as required for the B.A. degree (see Bachelor's Degree Requirements (p. 25) in the catalog for details). Competency may be demonstrated by either a standardized test or with adequate undergraduate course work. Language competence must be demonstrated within the overall seven-year limit for completion of a master's degree.

## Additional Courses

Consult the program's website or members of its faculty each term for special offerings that fulfill degree requirements. Visit the program website for a list of additional approved courses.

Other undergraduate and graduate courses with related subject matter may be applied to folklore and public culture certificate programs by arrangement with the instructors and the folklore and public culture director. For a list of these courses, visit the program website.

# Folklore and Public Culture Graduate Specialization

## Graduate Specialization: Folklore and Public Culture

| Code                                                  | Title                                   | Credits |
|-------------------------------------------------------|-----------------------------------------|---------|
| FLR 681                                               | History and Theory of Folklore Research | 5       |
| FLR 550                                               |                                         | 4       |
| Minimum of 7 credits from the following: <sup>2</sup> |                                         | 7       |
| FLR 511                                               | Folklore and Religion                   |         |
| FLR 513                                               |                                         |         |

|         |                                 |
|---------|---------------------------------|
| FLR 515 | Folklore and Foodways           |
| FLR 583 |                                 |
| FLR 605 | Reading and Conference: [Topic] |
| FLR 606 | Field Studies: [Topic]          |

**Total Credits** **16**

- <sup>1</sup> One fieldwork/public folklore course, chosen from FLR 550 (*Public Folklore*), FLR 684 (*Fieldwork*) or another Folklore course or a course taught by core faculty approved by the Director of Graduate Studies in the Folklore and Public Culture Program.
- <sup>2</sup> FLR 550 and FLR 684 are also applicable if not taken to satisfy the fieldwork and public folklore section.
- <sup>3</sup> Courses must be taken for a letter grade and grade must be a B- or better to count for the specialization. An overlap maximum of 4 credits may be permitted with permission of the Folklore Director of Graduate Studies.

See [https://folklore.uoregon.edu/welcome/course\\_descriptions/](https://folklore.uoregon.edu/welcome/course_descriptions/) for course descriptions

## Additional Requirements

A statement of interest and a transcript of higher education to date are required. Contact information for recommenders is required, but recommendations are not required at this stage. Send application, including statement of purpose, transcripts, and list of recommenders, to Folklore administrative staff at [flr@uoregon.edu](mailto:flr@uoregon.edu) ([emagee@uoregon.edu](mailto:emagee@uoregon.edu)). Applications are accepted on a rolling basis. Students must be matriculated students at the University of Oregon.

# German and Scandinavian

## Jeffrey S. Librett

327 Friendly Hall  
1250 University of Oregon  
Eugene, Oregon 97403-1250  
541-346-4051  
[jlibrett@uoregon.edu](mailto:jlibrett@uoregon.edu)

The Department of German and Scandinavian offers a range of courses and degree programs, from instruction in beginning German and Swedish through a wealth of general-education and advanced undergraduate and graduate offerings in the literatures and cultures of German-speaking and Scandinavian Europe. Students may earn a bachelor of arts (BA) or a bachelor of science (BS) degree with a focus on German language, literature, and culture; interdisciplinary German and Scandinavian studies; or Scandinavian. Minors in all three of these focuses are also possible, and many undergraduates pursue concurrent degrees with second majors or minors in other departments and programs. At the graduate level, the department offers the master of arts (MA) and doctor of philosophy (PhD) degrees in German. Our five-year combined BA/MA program is an excellent option for motivated students. Ours is the only program in the state of Oregon that grants a PhD in German.

## Preparation

Nor prior knowledge of German is required to major or minor in German.

The beginning is simply curiosity about the language and culture of Germany, Austria, Switzerland, and Central Europe. With some prior knowledge, of course, one will be able to proceed more quickly through the major or minor by placing into a higher level.



## Careers

Our alumni have found positions in media and communications, government and public service, international business and law, education and teaching, social services, and the travel and tourism industry. Many go on to graduate school in education, law, the humanities, and other fields. Proficiency in a second language opens career opportunities in any number of fields that demand superior skills in oral and written communication, critical thinking and analysis, and intercultural understanding. Particularly in combination with another major or minor, the career possibilities are limitless. Students who graduate with a degree in German or Scandinavian enter a great variety of occupations, including but by no means limited to those with a direct connection to the languages and countries of Europe.

## Major Requirements

Students intending to major with a focus in German language, literature, and culture or interdisciplinary German studies must first acquire proficiency in the German language, typically demonstrated by satisfactory completion of the third term of Second-Year German III (GER 203 (<https://catalog.uoregon.edu/search/?P=GER%20203>)) or a placement exam. Thereafter, students may begin to take upper-division courses taught in German.

The department does not accept a grade of C– or lower in any course used to fulfill requirements for a major in German.

## Faculty

Corinne Bayerl, senior instructor (16th- to early 18th-century French and German literature and philosophy; gender questions; history of pedagogy). Currently in the Clark Honors College. See **Comparative Literature**.

Sonja Boos (†), associate professor (19th- through 21st-century German literature, culture, and film; critical thought). MA, 1997, Heinrich-Heine Universität Düsseldorf; MA, 2004, PhD, 2008, Princeton. (2013)

D. Gantt Gurley, associate professor (Scandinavian literature and folklore, Old Norse literature, Jewish studies). Currently in the Clark Honors College. BA, 1994, Bard College; MA, 2002, PhD, 2007, California, Berkeley. (2009)

Martin Klebes, associate professor (18th- to 21st- century literature, philosophy, critical thought). PhD, 2003, Northwestern. (2007)

Jeffrey S. Librett, professor (literature since 1750, theoretical discourses, Jewish studies). BA, 1979, Yale; MA, 1981, Columbia; PhD, 1989, Cornell. (2004)

Dawn A. Marlan, senior lecturer (German and European literature and culture from 1700 forward; modernist novel). BA, 1989, Bennington College; MA, 1991, PhD, 2000, Chicago. (2004)

Dorothee Ostmeier, professor (18th- and 20th-century literature, culture, philosophy). Staatsexamen, 1984, MA, 1985, Ruhr; PhD, 1993, Johns Hopkins. (2001)

Michael Stern, associate professor (Nietzsche, Kierkegaard, 19th-century Scandinavian literature). BA, 1993, MA, 1995, PhD, 2000, California, Berkeley. (2001)

Matthias Vogel, senior instructor (second-language acquisition); language coordinator, German language programs; coordinator, German Global

Scholars. BA, 1993, Johannes Gutenberg, Mainz; MA, 1996, Oregon. (2011)

## Emeriti

Susan C. Anderson, professor emeritus. BA, 1978, North Carolina, Asheville; MA, 1981, PhD, 1985, North Carolina, Chapel Hill. (1986)

Kenneth S. Calhoon, professor emeritus. BA, 1979, Louisville; MA, 1981, PhD, 1984, California, Irvine. (1987)

Alexander Mathäs, professor emeritus. Staatsexamen, 1981, Tübingen; MA, 1984, Oregon; PhD, 1990, Texas, Austin. (1996)

James R. McWilliams, associate professor emeritus. BA, 1951, MA, 1957, PhD, 1963, California, Berkeley. (1960)

Helmut R. Plant, associate professor emeritus. BA, 1957, Fairmont; MA, 1961, PhD, 1964, Cincinnati. (1966)

Karla L. Schultz, professor emerita. BA, 1967, Alma; MA, 1968, Washington (Seattle); MA, 1980, PhD, 1984, Oregon. (1987)

Ingrid A. Weatherhead, senior instructor emerita. BA, 1950, MA, 1951, Puget Sound. (1962)

Virpi Zuck, professor emerita. BA, 1964, MA, 1965, University of Helsinki; PhD, 1977, Wisconsin, Madison. (1974)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## German Studies Participating Faculty

Nina Amstutz, history of art and architecture

Jack Boss, music

Anita Chari, political science

Joyce Cheng, history of art and architecture

James Conran, political science

Colin Koopman, philosophy

David M. Luebke, history

John McCole, history

Nicolae Morar, environmental studies

Barbara Muraca, philosophy

Craig Parsons, political science

Daniel Rosenberg, history

Emily Scott, history of art and architecture

Barbara Stawarska, philosophy

Alejandro Vallega, philosophy

Daniela Vallega-Neu, philosophy

Peter Warnek, philosophy

## Undergraduate Programs

### Major - Bachelor's Degree

- German (BA/BS) (p. 119)

### Minors

- German (p. 124)
- German and Scandinavian Studies (p. 125)
- Scandinavian (p. 125)

## Graduate Programs

### Major - Master's Degree

- German (MA) (p. 126)

### Major - Doctoral Degree

- German (PhD) (p. 126)

## German (BA/BS)

Learning another language fulfills the primary purpose of a university education: It prepares you to reason, analyze, solve problems, and communicate in a world of widely differing cultures. Within the Department of German and Scandinavian, students can choose a major focus in German Literature and Language, German Studies, or Scandinavian. Language instruction includes both German and Swedish.

More than 100 million people speak German as a first language, and it is the official language of six countries. More than one thousand companies based in German-speaking countries have subsidiaries in the U.S. In all of these firms there is a need for employees with an understanding of German language and culture.

Approximately 20 million people's mother tongue is a Scandinavian language, and notable Scandinavian literature spans a broad range from the beloved children's stories of Hans Christian Andersen to the modern crime novels by Stieg Larsson.

The UO Department of German and Scandinavian ranks among the top 10 colleges and universities in the number of students majoring in German. The UO also has the only program in Oregon in which students can get a major or a minor in Scandinavian. Classes are discussion-based with engaging activities designed to involve and engross students, with both group and individual writing assignments.

Many students choose to study abroad, (<https://pages.uoregon.edu/gerscan/german/studyabroad.htm>) some with awards from The Fulbright Program (<https://eca.state.gov/fulbright/>) and the German Academic Exchange Service (<https://www.daad.org/en/>) (DAAD). The UO offers a local internship program for advanced students of German to teach German in an elementary or middle school. Or you might take advantage of an opportunity to intern in a German-speaking or Scandinavian country.

## German Focus

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Language: Students should attain the point where they can discuss literature and culture in German fluently in an advanced academic

environment. In addition, they should be able to write a fluent 20-30 page essay in German on an academic literary topic.

- Literature: Students should be able to provide a general characterization of the history and shapes of all major genres (lyric, drama, and narrative) in the literature of the German language from the early Enlightenment through the post-World War II period. Students should also possess an overview of all major interpretive paradigms in literary studies since World War I. Beyond this general knowledge, students must be able to demonstrate mastery of the stakes of one genre across several periods of German literary history, mastery of the literature of one period in all genres, and mastery of at least one philosophical movement or interpretive paradigm. Mastery here includes broad knowledge and significant comprehension, as well as a basic overview of the scholarly literature on the subject.
- Demonstrate mastery of the broader contours of German literary history in terms of genres, periods, as well as of relevant theoretical paradigms and critical traditions.
- Demonstrate effective oral and written scholarly communication skills in English and German.
- Demonstrate ability to conduct independent research and analysis in German studies, following professional standards of writing and citation.
- Present research in a professional setting, such as a colloquium or a conference.

## German and Scandinavian Studies Focus Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Language: Students should master skills in listening, speaking, reading, and writing up to an advanced level, and become proficient users (C1-level) of German or Swedish according to the internationally recognized standards and proficiency levels determined in the Common European Frame of Reference for language learning (CEFR).
- Literature: Students should be able to identify, define, and contextualize works of literature from diverse populations in German and Scandinavian societies. Students should be familiar with the main concepts of literary analysis specific to the German or Scandinavian language traditions, including the major periods/movements (and their social-historical conditions), genres, and interpretive paradigms, as well as several main themes. This includes an awareness of the demographic changes in Germany and Scandinavia which open up the notion of these literatures to a more global analysis. Cultural change as a result of a changing population is also of central concern. Diversity in Germany and Scandinavia both historically and of late is stressed as an important component of a changing field of study.
- Culture: Students should be able to describe and provide examples of several main aspects of contemporary German and Scandinavian cultures, including governmental structures, demographic changes and the corresponding cultural implications, major news media and periodical publications, and contemporary cinema, literature, and arts. The dynamic aspect of culture is stressed so that the students become aware of the changes happening due to global population and informational flows.
- Critical Thought and Writing: Students should be able to write essays of 5-7 pages that argue fluently in a coherent, logical, and persuasive manner for independently developed interpretive positions on cultural

artifacts. Of late, we are stressing views from both the inside and outside of dominant cultures in Germany and Scandinavia.

## Scandinavian Focus

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Language:** Students should master skills in listening, speaking, reading, and writing up to an advanced level, and become proficient users (C1-level) of German or Swedish according to the internationally recognized standards and proficiency levels determined in the Common European Frame of Reference for language learning (CEFR).
- **Literature:** Students should be able to identify, define, and contextualize works of literature from diverse populations in German and Scandinavian societies. Students should be familiar with the main concepts of literary analysis specific to the German or Scandinavian language traditions, including the major periods/movements (and their social-historical conditions), genres, and interpretive paradigms, as well as several main themes. This includes an awareness of the demographic changes in Germany and Scandinavia which open up the notion of these literatures to a more global analysis. Cultural change as a result of a changing population is also of central concern. Diversity in Germany and Scandinavia both historically and of late is stressed as an important component of a changing field of study.
- **Culture:** Students should be able to describe and provide examples of several main aspects of contemporary German and Scandinavian cultures, including governmental structures, demographic changes and the corresponding cultural implications, major news media and periodical publications, and contemporary cinema, literature, and arts. The dynamic aspect of culture is stressed so that the students become aware of the changes happening due to global population and informational flows.
- **Critical Thought and Writing:** Students should be able to write essays of 5-7 pages that argue fluently in a coherent, logical, and persuasive manner for independently developed interpretive positions on cultural artifacts. Of late, we are stressing views from both the inside and outside of dominant cultures in Germany and Scandinavia.

The department does not accept a grade of D+ or lower in any course used to fulfill requirements for a major in German.

- German Focus (p. 120)
- German and Scandinavian Studies (p. 120) Focus (p. 120)
- Scandinavian (p. 121) Focus (p. 121)

## German Focus

| Code                         | Title                          | Credits   |
|------------------------------|--------------------------------|-----------|
| <b>Core Language Courses</b> |                                | <b>28</b> |
| GER 201                      | Second-Year German I           |           |
| GER 202                      | Second-Year German II          |           |
| GER 203                      | Second-Year German III         |           |
| GER 311                      | Intermediate Language Training |           |
| GER 312                      | Intermediate Language Training |           |
| GER 313                      | Intermediate Language Training |           |
| GER 411                      | Advanced Language Training     |           |

|                                                                  |           |
|------------------------------------------------------------------|-----------|
| <b>Five German literature and culture courses</b> <sup>123</sup> | <b>20</b> |
| <b>Total Credits</b>                                             | <b>48</b> |

- <sup>1</sup> All GER subject code courses except language courses listed above.
- <sup>2</sup> At least three of the five German literature and culture courses must be upper division courses with the GER subject code, taught in the German language, and must be taken at the University of Oregon.
- <sup>3</sup> Of the remaining two literature and culture courses, up to two may be courses taught in English (GER 200-level courses, GER 345, GER 350-359). One or both of these may be at the 200 level and both must be courses with the GER subject code.

Of the requirements listed above, the following rules apply:

- Six courses must be taken in the UO Department of German and Scandinavian.
- One course may be taken pass/no pass.

The following courses may not be used to satisfy major requirements:

| Code    | Title                           | Credits |
|---------|---------------------------------|---------|
| GER 199 | Special Studies: [Topic]        |         |
| GER 405 | Reading and Conference: [Topic] |         |
| GER 406 | Practicum: [Topic] <sup>1</sup> |         |
| GER 408 | Workshop: [Topic]               |         |
| GER 409 | Terminal Project                |         |

- <sup>1</sup> 4 credits of Practicum: Teaching Internship (GER 406) will satisfy a requirement for the major.

Since all courses are not offered every year, plans should be made well in advance so that students can take prerequisites for 300-level literature and culture courses and 400-level courses. Specific questions should be addressed to departmental undergraduate German advisors.

## German and Scandinavian Studies Focus

German and Scandinavian studies is a focus for the German major offered by the Department of German and Scandinavian.

### Requirements

The German and Scandinavian studies focus requires second-year language proficiency. Of the 48 credits beyond second-year language, at least 24 must be in courses taught by the UO Department of German and Scandinavian; at least 44 must be taken for a letter grade.

| Code                                                                                          | Title | Credits   |
|-----------------------------------------------------------------------------------------------|-------|-----------|
| 16 upper-division credits in courses taught in German or a Scandinavian language <sup>1</sup> |       | 16        |
| 16 additional upper-division credits in approved courses                                      |       | 16        |
| 16 additional lower- or upper-division credits in approved courses                            |       | 16        |
| Completion of an approved capstone project                                                    |       |           |
| <b>Total Credits</b>                                                                          |       | <b>48</b> |

- <sup>1</sup> Eligible courses in this category include GER 311–313, GER 340–341, GER 360–499, and SWED 405.

### Approved Courses

- German (GER) and Scandinavian (SCAN) courses numbered 210–499
- Courses taken at a European university taught in German or a Scandinavian language above the second-year level
- Courses from the preapproved list, which count automatically toward the major and the minor: European Union History (EURO 415), German History: [Topic] (HIST 342), Europe in the 20th Century: [Topic] (HIST 428), Medieval Central Europe: [Topic] (HIST 436), 16th-Century European Reformations (HIST 441), , Modern Germany: [Topic] (HIST 443), , The Jewish Encounter with Modernity (JDST 213), The Music of Bach and Handel (MUS 351), History of Philosophy: 19th Century (PHIL 312), 19th-Century Philosophers: [Topic] (PHIL 453), Shadows of Modernity (PS 312), European Politics (PS 324)
- Other courses taken as part of an approved thematic pathway

**Thematic Pathways.** These are recommended course lists that include a significant number of approved course options beyond those on the preapproved list. Students are strongly encouraged to follow a thematic pathway, culminating in a capstone project, in consultation with a faculty advisor. Details are posted on the department's website and are also available from the director of undergraduate studies.

**Capstone Project.** This is a piece of guided independent scholarly or creative work integrating knowledge acquired in courses for the major, typically as the culmination of a thematic pathway. It must be preapproved and either supervised or cosupervised by a faculty member in the department. This requirement typically will be met by a research paper of at least 15 pages or by a comparable scholarly or creative project in a 400-level course in an appropriate department, or through at least one credit of GER 401, 403, or 405; SCAN 401, 403, or 405; or SWED 401, 403, or 405. Work with non-English materials is strongly encouraged.

**Double-Counting.** Majors who seek an additional minor in either German or Scandinavian may count all credits for both. The same rule applies to minors who seek an additional major in either German or Scandinavian. Majors may not seek an additional major in either German or Scandinavian. The department encourages, and imposes no restrictions on, major or minor combinations with other programs.

## Scandinavian Focus

| Code                 | Title                                                                   | Credits   |
|----------------------|-------------------------------------------------------------------------|-----------|
|                      | One topical upper-division course from related field (advisor approved) | 4         |
| SWED 201–203         | Second-Year Swedish (or the equivalent)                                 | 12        |
|                      | Eight Scandinavian literature or culture courses                        | 32        |
| <b>Total Credits</b> |                                                                         | <b>48</b> |

Of the requirements listed above, the following rules apply:

- Three courses must be taken in the UO Department of German and Scandinavian
- One literature or culture course may be taken pass/no pass

Majors in Scandinavian must be proficient in Swedish at the third-year level, demonstrated either by evaluation by the Scandinavian advisor or by successful completion of work beyond Second-Year Swedish (SWED 203). Typically, this will occur through independent study in Reading and Conference: [Topic] (SWED 405), work with supplementary

texts in advanced Swedish as extra requirements in the department's Scandinavian courses, and/or through study abroad in Scandinavia. Students should plan their course work carefully in consultation with a departmental undergraduate advisor in Scandinavian. They may also satisfy this requirement in Danish or Norwegian.

## Honors

To earn a bachelor's degree with departmental honors, a student must maintain at least a 3.50 grade point average (GPA) and write an honors essay or thesis approved by the departmental honors committee for 4 credits in Thesis (GER 403).

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

- German Focus (p. 121)
- German and Scandinavian Studies Focus (p. 122)
- **Scandinavian Focus**

## Bachelor of Arts in German: German Focus

| Course               | Title                                         | Credits   | Milestones |
|----------------------|-----------------------------------------------|-----------|------------|
| <b>First Year</b>    |                                               |           |            |
| <b>Fall</b>          |                                               |           |            |
| GER 101              | First-Year German                             | 5         |            |
|                      | General-education course in social science    | 4         |            |
|                      | Second-major or elective courses <sup>1</sup> | 8         |            |
| <b>Credits</b>       |                                               | <b>17</b> |            |
| <b>Winter</b>        |                                               |           |            |
| GER 102              | First-Year German                             | 5         |            |
|                      | General-education course in social science    | 4         |            |
|                      | Second-major or elective courses              | 8         |            |
| <b>Credits</b>       |                                               | <b>17</b> |            |
| <b>Spring</b>        |                                               |           |            |
| GER 103              | First-Year German                             | 5         |            |
|                      | General-education course in social science    | 4         |            |
|                      | Second-major or elective courses              | 8         |            |
| <b>Credits</b>       |                                               | <b>17</b> |            |
| <b>Total Credits</b> |                                               | <b>51</b> |            |

| Course             | Title                                      | Credits   | Milestones |
|--------------------|--------------------------------------------|-----------|------------|
| <b>Second Year</b> |                                            |           |            |
| <b>Fall</b>        |                                            |           |            |
| GER 201            | Second-Year German I                       | 4         |            |
|                    | General-education course in social science | 4         |            |
|                    | Second-major or elective courses           | 8         |            |
| <b>Credits</b>     |                                            | <b>16</b> |            |
| <b>Winter</b>      |                                            |           |            |
| GER 202            | Second-Year German II                      | 4         |            |
|                    | General-education course in science        | 4         |            |
|                    | Second-major or elective courses           | 8         |            |
| <b>Credits</b>     |                                            | <b>16</b> |            |

**Spring**

|                                     |                        |           |
|-------------------------------------|------------------------|-----------|
| GER 203                             | Second-Year German III | 4         |
| General-education course in science |                        | 4         |
| Second-major or elective courses    |                        | 8         |
| <b>Credits</b>                      |                        | <b>16</b> |
| <b>Total Credits</b>                |                        | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                                          |                                |           |
|----------------------------------------------------------|--------------------------------|-----------|
| GER 311                                                  | Intermediate Language Training | 4         |
| 300-level German course (taught in English) <sup>2</sup> |                                | 4         |
| General-education course in science                      |                                | 4         |
| Second-major or elective course                          |                                | 4         |
| <b>Credits</b>                                           |                                | <b>16</b> |

**Winter**

|                                            |                                |           |
|--------------------------------------------|--------------------------------|-----------|
| GER 312                                    | Intermediate Language Training | 4         |
| 300-level German course (taught in German) |                                | 4         |
| General-education course in science        |                                | 4         |
| Second-major or elective course            |                                | 4         |
| <b>Credits</b>                             |                                | <b>16</b> |

**Spring**

|                                              |                                |           |
|----------------------------------------------|--------------------------------|-----------|
| GER 313                                      | Intermediate Language Training | 4         |
| 300-level German course (taught in German)   |                                | 4         |
| General-education course in arts and letters |                                | 4         |
| Elective course                              |                                | 4         |
| <b>Credits</b>                               |                                | <b>16</b> |
| <b>Total Credits</b>                         |                                | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                              |                                         |           |
|----------------------------------------------|-----------------------------------------|-----------|
| GER 411                                      | Advanced Language Training <sup>3</sup> | 4         |
| 300-level German course (taught in German)   |                                         | 4         |
| General-education course in arts and letters |                                         | 4         |
| <b>Credits</b>                               |                                         | <b>12</b> |

**Winter**

|                                                                                                              |  |           |
|--------------------------------------------------------------------------------------------------------------|--|-----------|
| 300-level German course (taught in German)                                                                   |  | 4         |
| 400-level German course (taught in German)                                                                   |  | 4         |
| General-education course in arts and letters or social science that also satisfies multicultural requirement |  | 4         |
| <b>Credits</b>                                                                                               |  | <b>12</b> |

**Spring**

|                                                                                                              |  |           |
|--------------------------------------------------------------------------------------------------------------|--|-----------|
| 300-level German course (taught in German)                                                                   |  | 4         |
| 400-level German course (taught in German)                                                                   |  | 4         |
| General-education course in arts and letters or social science that also satisfies multicultural requirement |  | 4         |
| <b>Credits</b>                                                                                               |  | <b>12</b> |
| <b>Total Credits</b>                                                                                         |  | <b>36</b> |

- <sup>1</sup> Beyond the German major and general-education requirements, this example includes 15 further courses for a second major and/or electives for a total of 180 credits, with only three courses each term senior year. With a full load of four courses per term, which would add up to 192 credits, there would room for 18 further courses.
- <sup>2</sup> The first of eight upper-division German literature and culture courses for the major, and the one that may be taken in English language. For this and subsequently listed upper-division literature and culture courses in the Department of German and Scandinavian, any other 300- or 400-level courses could be substituted.
- <sup>3</sup> Advanced German grammar review completed (for increased fluency). Four upper-division German language courses now complete (including 300-level language courses).

## Bachelor of Arts in German: German and Scandinavian Studies Focus

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|                                               |                   |           |
|-----------------------------------------------|-------------------|-----------|
| GER 101                                       | First-Year German | 5         |
| General-education course in social science    |                   | 4         |
| Second-major or elective courses <sup>1</sup> |                   | 8         |
| <b>Credits</b>                                |                   | <b>17</b> |

**Winter**

|                                            |                   |           |
|--------------------------------------------|-------------------|-----------|
| GER 102                                    | First-Year German | 5         |
| General-education course in social science |                   | 4         |
| Second-major or elective courses           |                   | 8         |
| <b>Credits</b>                             |                   | <b>17</b> |

**Spring**

|                                            |                   |           |
|--------------------------------------------|-------------------|-----------|
| GER 103                                    | First-Year German | 5         |
| General-education course in social science |                   | 4         |
| Second-major or elective courses           |                   | 8         |
| <b>Credits</b>                             |                   | <b>17</b> |
| <b>Total Credits</b>                       |                   | <b>51</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                            |                      |           |
|--------------------------------------------|----------------------|-----------|
| GER 201                                    | Second-Year German I | 4         |
| General-education course in social science |                      | 4         |
| Second-major or elective courses           |                      | 8         |
| <b>Credits</b>                             |                      | <b>16</b> |

**Winter**

|                                     |                       |           |
|-------------------------------------|-----------------------|-----------|
| GER 202                             | Second-Year German II | 4         |
| General-education course in science |                       | 4         |
| Second-major or elective courses    |                       | 8         |
| <b>Credits</b>                      |                       | <b>16</b> |

**Spring**

|                                     |                        |   |
|-------------------------------------|------------------------|---|
| GER 203                             | Second-Year German III | 4 |
| General-education course in science |                        | 4 |



|                                  |           |
|----------------------------------|-----------|
| Second-major or elective courses | 8         |
| <b>Credits</b>                   | <b>16</b> |
| <b>Total Credits</b>             | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                |                                         |           |
|----------------|-----------------------------------------|-----------|
| GER 311        | Intermediate Language Training          | 4         |
|                | Upper-division course with German focus | 4         |
|                | General-education course in science     | 4         |
|                | Second-major or elective course         | 4         |
| <b>Credits</b> |                                         | <b>16</b> |

**Winter**

|                |                                     |           |
|----------------|-------------------------------------|-----------|
| GER 312        | Intermediate Language Training      | 4         |
|                | 400-level course with German focus  | 4         |
|                | General-education course in science | 4         |
|                | Second-major or elective course     | 4         |
| <b>Credits</b> |                                     | <b>16</b> |

**Spring**

|                      |                                              |           |
|----------------------|----------------------------------------------|-----------|
| GER 313              | Intermediate Language Training               | 4         |
|                      | 400-level course with German focus           | 4         |
|                      | General-education course in arts and letters | 4         |
|                      | Elective course                              | 4         |
| <b>Credits</b>       |                                              | <b>16</b> |
| <b>Total Credits</b> |                                              | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                |                                              |           |
|----------------|----------------------------------------------|-----------|
| GER 411        | Advanced Language Training <sup>2</sup>      | 4         |
|                | 400-level course with German focus           | 4         |
|                | General-education course in arts and letters | 4         |
| <b>Credits</b> |                                              | <b>12</b> |

**Winter**

|                |                                                                                                                                                                |           |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|                | Upper-division German course (taught in German) <sup>3</sup>                                                                                                   | 4         |
|                | 400-level German course                                                                                                                                        | 4         |
|                | Upper-division general-education course in arts and letters or social science that also satisfies identity, pluralism, and tolerance multicultural requirement | 4         |
| <b>Credits</b> |                                                                                                                                                                | <b>12</b> |

**Spring**

|                      |                                                                                                                                           |           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|                      | Upper-division German course                                                                                                              | 4         |
|                      | 400-level German course                                                                                                                   | 4         |
|                      | Upper-division general-education course in arts and letters or social science that also satisfies international multicultural requirement | 4         |
| <b>Credits</b>       |                                                                                                                                           | <b>12</b> |
| <b>Total Credits</b> |                                                                                                                                           | <b>36</b> |

<sup>1</sup> Beyond the German major and general-education requirements, this example includes 15 further courses for a second major and/or electives for a total of 180 credits, with only three courses each term senior year. With a full load of four courses per term, which would add up to 192 credits, there would room for 18 further courses.

<sup>2</sup> Advanced German grammar review completed (for increased fluency).

<sup>3</sup> For this course and subsequently listed 300- or 400-level literature and culture courses in the department, others may be substituted that are at the same level or higher. In addition, courses from outside the Department of German and Scandinavian that are on the list of eligible courses for this major may be substituted.

## Bachelor of Arts in German: Scandinavian Focus

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|                |                                    |           |
|----------------|------------------------------------|-----------|
| HUM 101        | Introduction to the Humanities I   | 4         |
| or             | or Postwar Germany: Nation Divided |           |
| GER 221        | or Sexuality                       |           |
| or             |                                    |           |
| GER 251        |                                    |           |
| SWED 101       | First-Year Swedish                 | 5         |
| SCAN 251       | Text and Interpretation            | 4         |
| or             | or Vikings through the Icelandic   |           |
| SCAN 259       | Sagas                              |           |
|                | Elective course                    | 4         |
| <b>Credits</b> |                                    | <b>17</b> |

**Winter**

|                |                                   |           |
|----------------|-----------------------------------|-----------|
| HIST 102       | Making Modern Europe              | 4         |
| or             | or World History                  |           |
| HIST 105       |                                   |           |
| HUM 102        | Introduction to the Humanities II | 4         |
| or             | or Voices of Dissent in Germany   |           |
| GER 222        | or The Culture of Money           |           |
| or             |                                   |           |
| GER 250        |                                   |           |
| SWED 102       | First-Year Swedish                | 5         |
| WR 121Z        | Composition I                     | 4         |
| <b>Credits</b> |                                   | <b>17</b> |

**Spring**

|                |                                  |           |
|----------------|----------------------------------|-----------|
| SWED 103       | First-Year Swedish               | 5         |
| HIST 105       | World History                    | 4         |
| or             | or World History                 |           |
| HIST 106       |                                  |           |
| GER 223        | Germany: A Multicultural Society | 4         |
| or             | or War, Violence, Trauma         |           |
| GER 252        |                                  |           |
|                | Elective course                  | 4         |
| <b>Credits</b> |                                  | <b>17</b> |

**Total Credits****51**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|           |                            |   |
|-----------|----------------------------|---|
| WR 122Z   | Composition II             | 4 |
| or WR 123 | or College Composition III |   |
| SWED 201  | Second-Year Swedish        | 4 |

|          |                                           |   |
|----------|-------------------------------------------|---|
| CINE 265 | History of the Motion Picture I           | 4 |
| or       | or Introduction to Comparative Literature |   |
| COLT 102 |                                           |   |
| or       | or Age of King Arthur                     |   |
| ENG 225  |                                           |   |

|                                            |   |
|--------------------------------------------|---|
| General-education course in social science | 4 |
|--------------------------------------------|---|

**Credits 16**

#### Winter

|                 |                                     |   |
|-----------------|-------------------------------------|---|
| ERTH 101        | Exploring Planet Earth              | 4 |
| SWED 202        | Second-Year Swedish                 | 4 |
| PHIL 211        | Existentialism                      | 4 |
| or              | or History of the Motion Picture II |   |
| CINE 266        | or Introduction to Folklore         |   |
| or FLR 250      |                                     |   |
| Elective course |                                     | 4 |

**Credits 16**

#### Spring

|           |                                      |   |
|-----------|--------------------------------------|---|
| BI 150    | Ocean Planet                         | 4 |
| SWED 203  | Second-Year Swedish                  | 4 |
| SCAN 220M | From Kierkegaard to Kafka            | 4 |
| ENG 260M  | Media Aesthetics                     | 4 |
| or        | or History of the Motion Picture III |   |
| CINE 267  | or Literature and Film               |   |
| or        | or History of Western Art III        |   |
| COLT 232  |                                      |   |
| or        |                                      |   |
| ARH 206   |                                      |   |

**Credits 16**

**Total Credits 48**

**Course Title Credits Milestones**

#### Third Year

##### Fall

|          |                                    |   |                     |
|----------|------------------------------------|---|---------------------|
| BI 121   | Introduction to Human Physiology   | 4 |                     |
| SCAN 316 | History of Cinema                  | 4 | Beginning of upper- |
| or       | or Revisions of the Scandinavian   |   | division            |
| SCAN 341 | Dream                              |   | course              |
|          |                                    |   | work in             |
|          |                                    |   | the major           |
| HIST 342 | German History: [Topic] (Modern    | 4 |                     |
| or       | Germany)                           |   |                     |
| HIST 301 | or Modern Europe                   |   |                     |
| or       | or Science, Technology, and Gender |   |                     |
| WGS 331  |                                    |   |                     |

|          |                                 |   |
|----------|---------------------------------|---|
| SWED 405 | Reading and Conference: [Topic] | 4 |
|----------|---------------------------------|---|

**Credits 16**

#### Winter

|          |                           |   |
|----------|---------------------------|---|
| ASTR 122 | Birth and Death of Stars  | 4 |
| COLT 303 | Theories of the Novel     | 4 |
| SCAN 344 | Medieval Hero and Monster | 4 |
| or       | or Constructions versus   |   |
| SCAN 325 | Constrictions of Identity |   |
| or       | or Nordic Cinema          |   |
| SCAN 315 |                           |   |

|          |                                 |   |
|----------|---------------------------------|---|
| SWED 405 | Reading and Conference: [Topic] | 4 |
|----------|---------------------------------|---|

**Credits 16**

#### Spring

|          |                                       |   |
|----------|---------------------------------------|---|
| SCAN 315 | Nordic Cinema                         | 4 |
| or       | or Periods in Scandinavian Literature |   |
| SCAN 351 |                                       |   |
| ARH 206  | History of Western Art III            | 4 |
| or       | or Philosophy in Literature           |   |
| PHIL 331 |                                       |   |

|          |                                 |   |
|----------|---------------------------------|---|
| SWED 405 | Reading and Conference: [Topic] | 4 |
|----------|---------------------------------|---|

|                              |                                                 |  |
|------------------------------|-------------------------------------------------|--|
| Elective course <sup>4</sup> | Complete remaining general-education requiremer |  |
|------------------------------|-------------------------------------------------|--|

**Credits 12**

**Total Credits 44**

**Course Title Credits Milestones**

#### Fourth Year

##### Fall

|          |                                                                        |   |
|----------|------------------------------------------------------------------------|---|
| SCAN 354 | Genres in Scandinavian Literature (or any other 300-level SCAN course) | 4 |
| FLR 350  | Folklore and the Bible                                                 | 4 |
| or       | or History of Philosophy: Modern                                       |   |
| PHIL 311 | or German Fairy Tales                                                  |   |
| or       |                                                                        |   |
| GER 356  |                                                                        |   |

|                 |  |   |
|-----------------|--|---|
| Elective course |  | 4 |
|-----------------|--|---|

**Credits 12**

#### Winter

|                 |                                      |   |
|-----------------|--------------------------------------|---|
| SCAN 317        | Directors, Movements, and Manifestos | 4 |
| CINE 350        | Queer European Cinema                | 4 |
| Elective course |                                      | 4 |

**Credits 12**

#### Spring

|          |                                                                          |   |
|----------|--------------------------------------------------------------------------|---|
| COLT 305 | Cultural Studies                                                         | 4 |
| SCAN 341 | Revisions of the Scandinavian Dream (or any other 300-level SCAN course) | 4 |
| SCAN 407 | Seminar: [Topic]                                                         | 4 |
|          | Completion of major studies on an advanced level                         |   |

**Credits 12**

**Total Credits 36**

## German Minor

The German minor correlates well with studies that have an international or European concentration. It is particularly useful for students of international studies, international business, European history, medieval studies, sociology, political science, journalism, linguistics, art history, music history, other languages, theater, and related fields.

## German Minor Requirements

The German minor correlates well with studies that have an international or European concentration. It is particularly useful for students of Global Studies, international business, European history, medieval studies, sociology, political science, journalism, linguistics, art history, music history, other languages, theater, and related fields.

| Code                                            | Title                  | Credits   |
|-------------------------------------------------|------------------------|-----------|
| Four upper-division German courses <sup>1</sup> |                        | 16        |
| GER 201                                         | Second-Year German I   | 4         |
| GER 202                                         | Second-Year German II  | 4         |
| GER 203                                         | Second-Year German III | 4         |
| <b>Total Credits</b>                            |                        | <b>28</b> |

<sup>1</sup> May include courses in language, literature, or culture. Two courses taught in English may be applied to the minor in German. Grades of at least C- or P (pass) must be earned in all courses used to satisfy requirements for the minor. One course may be taken pass/no pass. At least 12 credits must be taken in the UO Department of German and Scandinavian.

The following courses may not be used to satisfy minor requirements:

| Code    | Title                           | Credits |
|---------|---------------------------------|---------|
| GER 199 | Special Studies: [Topic]        |         |
| GER 405 | Reading and Conference: [Topic] |         |
| GER 406 | Practicum: [Topic]              |         |
| GER 408 | Workshop: [Topic]               |         |
| GER 470 | German for Reading Knowledge I  |         |

## German and Scandinavian Studies Minor

A minor in German and Scandinavian studies is a great choice for students interested in German and Scandinavian culture and history. Faculty members from the humanities, music, and social sciences who share a common interest in German and Scandinavian culture, letters, history, and society administer this program.

The influence of German and Scandinavian culture and letters on modern life is incalculable. In philosophy and religion; in sociology and psychology; in music; law; political science; and history, German-speaking thinkers have helped define our perception of the world.

German and Scandinavian studies is an interdisciplinary program offering undergraduates the opportunity to study these influences in context with the society and cultures that produced them. It combines advanced language training with an interdisciplinary program of literature courses offered in the Department of German and Scandinavian.

### Minor in German and Scandinavian Studies

The German and Scandinavian studies minor requires second-year language proficiency. Of the 24 credits beyond second-year language, at least 12 must be in courses taught by the UO Department of German and Scandinavian; at least 20 must be taken for a letter grade.

| Code                                                                                          | Title | Credits |
|-----------------------------------------------------------------------------------------------|-------|---------|
| 12 upper-division credits in courses taught in German or a Scandinavian language <sup>1</sup> |       | 12      |

|                                                                   |           |
|-------------------------------------------------------------------|-----------|
| 8 additional upper-division credits in approved courses           | 8         |
| 4 additional lower- or upper-division credits in approved courses | 4         |
| Completion of an approved capstone project                        |           |
| <b>Total Credits</b>                                              | <b>24</b> |

<sup>1</sup> Eligible courses in this category include GER 311–313, GER 340–341, GER 360–499, and SWED 405.

Approved courses are described in the Bachelor of Arts in German: German and Scandinavian Studies Focus section above.

## Scandinavian Minor

You might want to study Scandinavian culture or learn Swedish to get in touch with your roots. Maybe your grandparents sang Nordic folk songs, baked delicious Danish pastries, or told tales about the old country. Maybe you've already traveled in Europe or want to learn about cultural differences and immerse yourself before doing so. Or you may want to build a career in a global business environment.

Approximately 20 million people's mother tongue is a Scandinavian language, and notable Scandinavian literature spans a broad range from the beloved children's stories of Hans Christian Andersen to modern crime novels by Stieg Larsson. Scandinavian heritage permeates Western society, particularly in the areas of classical music, literature, science, philosophy, and theology.

Learning about other cultures fulfills the primary purpose of a university education—it will prepare you to reason, analyze, solve problems, and communicate in a world of widely differing cultures. The UO offers the only minor program in Scandinavian in Oregon. Classes are small and discussion-based with engaging activities designed to involve and engross students, with both group and individual writing assignments.

Assistant Professor **Gantt Gurley** says, "College is a time to learn to explore, to set boundaries and jump over boundaries that you won't have the luxury to do later on. Scandinavian studies sets up a larger configuration of European and cultural studies. It is about the life of the mind."

### Minor in Scandinavian

The Scandinavian minor correlates well with studies that have an international or European concentration. It is particularly useful for students of international business, European history, sociology, political science, theater arts, and art history.

| Code                                                       | Title | Credits   |
|------------------------------------------------------------|-------|-----------|
| Successful completion of one year of Swedish or equivalent |       | 12        |
| Six Scandinavian literature or culture courses             |       | 24        |
| <b>Total Credits</b>                                       |       | <b>36</b> |

Of the requirements listed above, the following rules apply:

- Three courses must be taken in the UO Department of German and Scandinavian
- One literature or culture course may be taken pass/no pass

Minors in Scandinavian must demonstrate basic aptitude in Swedish, demonstrated either by evaluation by the Scandinavian advisor or by

successful completion of First-Year Swedish (SWED 103) with a grade of mid-C or better.

Specific questions about the Scandinavian minor should be addressed to departmental undergraduate advisors in Scandinavian.

## German (MA)

The graduate program in German offers the master of arts (MA) in German, either through a regular two-year program or through a combined BA-MA program that enables students to complete the requirements for both the BA and the MA in German in five years. The program also offers the doctor of philosophy (PhD) degree in German, for which applicants may apply either with a BA or an MA already earned. The requirements for the PhD include one year of graded course work past the MA level and a written dissertation. The MA degree prepares students for teaching German language and culture up through the secondary-school level (in conjunction with teacher certification), while the PhD degree, as the highest degree in the field, is generally expected for an academic career involving both research and teaching.

The graduate curriculum acquaints students with the history of German letters (with a primary focus on modernity since the enlightenment), places this history in a European context, and provides tools for a critical analysis of the literary, theoretical, and cinematic discourses involved. The program encourages comparative, theoretically oriented work.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Language:** Students should attain the point where they can discuss literature and culture in German fluently in an advanced academic environment. In addition, they should be able to write a fluent 20-30 page essay in German on an academic literary topic.
- **Literature:** Students should be able to provide a general characterization of the history and shapes of all major genres (lyric, drama, and narrative) in the literature of the German language from the early Enlightenment through the post-World War II period. Students should also possess an overview of all major interpretive paradigms in literary studies since World War I. Beyond this general knowledge, students must be able to demonstrate mastery of the stakes of one genre across several periods of German literary history, mastery of the literature of one period in all genres, and mastery of at least one philosophical movement or interpretive paradigm. Mastery here includes broad knowledge and significant comprehension, as well as a basic overview of the scholarly literature on the subject.
- **Demonstrate mastery of the broader contours of German literary history in terms of genres, periods, as well as of relevant theoretical paradigms and critical traditions.**
- **Demonstrate effective oral and written scholarly communication skills in English and German.**
- **Demonstrate ability to conduct independent research and analysis in German studies, following professional standards of writing and citation.**
- **Present research in a professional setting, such as a colloquium or a conference.**

## Core Curriculum

Students take one course each term. These courses are grouped according to common themes to give the program a topical and critical coherence. Core courses are paired with seminars of related

or complementary content, and students are encouraged to explore connections between courses.

In the first year, core courses address a specific genre (narrative, drama, and lyric). While their content may vary with the instructor, they are intended to present in general terms the history of the genre itself and of critical thinking about that genre. In the second year, core courses have less traditional themes and present a broader concept of textuality.

| Code    | Title                                     | Credits |
|---------|-------------------------------------------|---------|
| GER 621 |                                           |         |
| GER 622 |                                           |         |
| GER 623 |                                           |         |
| GER 624 | 1                                         |         |
| GER 625 | Translations-Transformations <sup>2</sup> | 4       |
| GER 690 | Literary Studies: [Topic] <sup>3</sup>    | 4       |

- 1 Acquaints students with important aspects of German philosophical discourse since Kant.
- 2 Presents the theory and practice of translation. "Transformations" is added to suggest that translation is not limited to written texts (e.g., the sister arts, literature into film).
- 3 Various topics in research methods, literary theory, history of German literature, and advanced methodology.

Beyond course work, the program features close mentoring, including guidance for developing portfolio papers that expand on writing done for courses, and, at the PhD level, a dissertation-writing colloquium in which students and faculty members join in responding to ongoing dissertation work by students in the program.

## German (PhD)

The graduate program in German offers the doctor of philosophy (PhD) degree in German, for which applicants may apply either with a BA or an MA already earned. The requirements for the PhD include one year of graded course work past the MA level and a written dissertation. The PhD degree, as the highest degree in the field, is generally expected for an academic career involving both research and teaching.

The graduate curriculum acquaints students with the history of German letters (with a primary focus on modernity since the enlightenment), places this history in a European context, and provides tools for a critical analysis of the literary, theoretical, and cinematic discourses involved. The program encourages comparative, theoretically oriented work.

## Program's Admission Requirements

Please visit the program's website (<https://graduatestudies.uoregon.edu/academics/programs/german/>).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Literature and Culture -- Range:** Students should demonstrate the capacity to master a range of different specific topics within the field of German literary and cultural studies, by writing at least three essays on diverse topics during their period of study.
- **Literature and Culture -- Field Definition:** Students should demonstrate a professional-level mastery of three literary-historical or literary-critical categories. This should include coverage of

the primary literature, a strong knowledge base in the secondary literature, and a capacity to argue persuasively in written form for a given position on the category under consideration. Students should be able to design courses as well as answer questions in oral form on their chosen categories, so as to demonstrate their readiness to teach on the university level in the subfields defined by these categories.

- Literature and Culture -- Specialization: Students should demonstrate the capacity to develop a book-length argument of persuasively innovative character on a topic within the field of German literary and cultural studies (and related to at least one of the categories of focus under point 1 above). In addition, they should demonstrate the capacity to defend their written work orally--justifying the legitimacy of its argumentation in professional terms--in response to, and dialogue with, specific reasoned challenges and questioning.
- Demonstrate mastery of the full range of German literary history in terms of genres, periods, as well as of relevant theoretical paradigms and critical traditions.
- Demonstrate effective oral and written scholarly communication skills in English and German, as well as working knowledge in at least one additional language for research purposes.
- Demonstrate ability to conduct independent advanced research and analysis in German studies, following professional standards of writing and citation.
- Develop a professional profile through conference presentations and the submission of at least one article for publication.
- Contribute substantive and original work in the field in the form of a dissertation.

## German Major Requirements - Entering with a B.A. Degree

| Code                                 | Title                        | Credits   |
|--------------------------------------|------------------------------|-----------|
| <b>Core Curriculum</b>               |                              |           |
| GER 621                              |                              | 4         |
| GER 622                              |                              | 4         |
| GER 623                              |                              | 4         |
| GER 624                              |                              | 4         |
| GER 625                              | Translations-Transformations | 4         |
| GER 690                              | Literary Studies: [Topic]    | 4         |
| <b>Teaching Methods</b> <sup>1</sup> |                              | <b>4</b>  |
| <b>Pedagogy</b> <sup>2</sup>         |                              | <b>12</b> |
| GER 606                              | Practicum: [Topic]           |           |
| <b>Mentoring</b> <sup>1</sup>        |                              | <b>1</b>  |
| <b>Portfolio Papers</b> <sup>1</sup> |                              | <b>3</b>  |
| <b>Dissertation</b>                  |                              | <b>18</b> |
| GER 603                              | Dissertation                 |           |
| <b>Electives</b>                     |                              |           |
| 500 or 600 Level GER or COLT Courses |                              | 24        |
| <b>Total Credits</b>                 |                              | <b>86</b> |

<sup>1</sup> Please contact the Graduate Advisor for approved courses.

<sup>2</sup> Precise number of credits depending on GE status.

## German Major Requirements - Entering with an M.A. Degree

| Code                                 | Title              | Credits   |
|--------------------------------------|--------------------|-----------|
| <b>Core Curriculum</b>               |                    |           |
| 500 or 600 Level GER or COLT Courses |                    | 24        |
| <b>Teaching Methods</b> <sup>1</sup> |                    | <b>4</b>  |
| <b>Pedagogy</b> <sup>2</sup>         |                    | <b>6</b>  |
| GER 606                              | Practicum: [Topic] |           |
| <b>Mentoring</b> <sup>1</sup>        |                    | <b>1</b>  |
| <b>Portfolio Paper</b> <sup>1</sup>  |                    | <b>1</b>  |
| <b>Dissertation</b>                  |                    | <b>18</b> |
| GER 603                              | Dissertation       |           |
| <b>Total Credits</b>                 |                    | <b>54</b> |

<sup>1</sup> Please contact the Graduate Advisor for approved courses.

<sup>2</sup> Precise number of credits depending on GE status.

## Humanities

### Martha Bayless, Program Director

118 Prince Lucien Campbell Hall  
1287 University of Oregon  
Eugene, OR 97403-1287  
541-346-3911  
humanities@uoregon.edu

The Humanities Program offers general-education courses to students across the University. It also provides the opportunity for motivated and independently minded students to craft an individualized major with a humanistic orientation. Students working toward a Humanities major, which is designed in consultation with the program advisor, pursue their interests in a systematic and coherent way across several disciplines.

The curriculum of the Humanities Program provides opportunities for the student seeking intellectual coherence and integration, awareness of cultural contexts and traditions, and the connection of humanistic theory to practice. The program is pluralistic and multicultural in its vision and interdisciplinary in its approach. It is designed to provide essential skills and understanding for intelligent action and preparation for a wide range of careers.

The Humanities Program is committed to fostering an inclusive and diverse campus. Study of the humanities draws upon the many voices of the world in all their diversity, in time, in place, in gender, race, class, and age. The program welcomes all students and encourages the rational analysis of works of art and literature, and the reasoned expression of diverse points of view.

### Program Committee

Katya E. Hokanson, comparative literature

Mary Jaeger, classics

Jeffrey S. Librett, German and Scandinavian

F. Regina Psaki, Romance languages

George J. Sheridan Jr., history

Michael Stern, German and Scandinavian



Lisa Wolverton, history

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Read critically and analyze texts from a variety of periods and cultures.
- Analyze critically a variety of cultural artifacts such as paintings, sculpture, architecture, and music.
- Show familiarity with the cultures that produced these texts and artifacts.
- Do research, write clearly, develop a coherent argument, and substantiate that argument with relevant evidence (citations of texts, references to cultural artifacts, etc.).
- Identify ideas that unite different disciplines.
- Understand issues of historical contingency and enculturation and, accordingly, be able to reflect critically on the thought systems (e.g. economic, political, religious) inculcated in our own culture.

Bachelor of Arts in Humanities

The humanities major is an interdisciplinary bachelor of arts (BA) degree program. Proficiency in at least one second language, a requirement for the BA degree, is central to the humanities major. Although majors are not required to do more than meet the BA requirement, it is strongly recommended that they continue language study in upper-division courses.

Grades of mid-C or better must be earned in courses taken to satisfy major requirements. For graduation, humanities majors must maintain at least a 2.00 grade point average (GPA) in required courses. No upper-division course may be used to satisfy more than one major requirement.

Humanities Major Requirements

| Code                                                                                         | Title                                 | Credits |
|----------------------------------------------------------------------------------------------|---------------------------------------|---------|
| Introductory Courses                                                                         |                                       |         |
| Option 1                                                                                     |                                       | 8       |
| Select two of the following:                                                                 |                                       |         |
| HUM 101                                                                                      | Introduction to the Humanities I      |         |
| HUM 102                                                                                      | Introduction to the Humanities II     |         |
| HUM 103                                                                                      | Introduction to the Humanities III    |         |
| Option 2                                                                                     |                                       |         |
| HUM 300                                                                                      | Themes in the Humanities <sup>1</sup> | 4       |
| Breadth Requirement <sup>2</sup>                                                             |                                       |         |
| Arts (music history, theater history, art history) (see Courses from Other Department below) |                                       | 4       |
| Philosophy (see Courses from Other Department below)                                         |                                       | 4       |
| Ancient World (see Courses from Other Department below)                                      |                                       | 4       |
| History (see Courses from Other Department below)                                            |                                       | 4       |
| Concentration                                                                                |                                       |         |
| Seven upper-division courses in concentration <sup>3</sup>                                   |                                       | 28      |
| Total Credits                                                                                |                                       | 48-52   |

<sup>1</sup> Recommended for students who declare the major in the junior or senior year.

<sup>2</sup> At least two breadth requirement courses must be in the upper division.

<sup>3</sup> Students must submit a brief essay defending the coherence of the concentration and outlining the seven courses they plan to take. No more than three of the seven courses may be taken in any one department. Students should choose at least one Seminar (407) as part of their concentration.

Courses from Other Departments

- Arts:** Any course with an ARH, ART, MUP, MUS, or TA prefix.
- Philosophy:** Any course with a PHIL prefix excluding course(s) applied to Ancient World.
- Ancient World:** Any course with a CLAS prefix, (HIST 101), World History (HIST 104), Foundations of East Asian Civilizations (HIST 190), Precolonial Africa (HIST 325), History of Philosophy: Ancient and Medieval (PHIL 310), Early Judaism (REL 211).
- History:** Any course with a HIST prefix excluding course(s) applied to Ancient World.

Honors

- Honors in humanities allows a student to focus on an area of concentration in a written thesis. Requirements are as follows:
1. Satisfaction of the requirements for the major
  2. A grade point average of 3.50 or better in courses taken to meet the upper-division requirements of the major
  3. A senior thesis of substantial quality, approved by the thesis director and at least one member of the program committee

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in Humanities

| Course                                                                   | Title                              | Credits | Milestones |
|--------------------------------------------------------------------------|------------------------------------|---------|------------|
| First Year                                                               |                                    |         |            |
| Fall                                                                     |                                    |         |            |
| HUM 101                                                                  | Introduction to the Humanities I   | 4       |            |
| WR 121Z                                                                  | Composition I                      | 4       |            |
| First term of first-year second-language sequence                        |                                    | 5       |            |
| Elective course                                                          |                                    | 4       |            |
| Credits                                                                  |                                    | 17      |            |
| Winter                                                                   |                                    |         |            |
| HUM 102                                                                  | Introduction to the Humanities II  | 4       |            |
| WR 122Z                                                                  | Composition II                     | 4       |            |
| or WR 123 or College Composition III                                     |                                    |         |            |
| Second term of first-year second-language sequence                       |                                    | 5       |            |
| General education course in social science                               |                                    | 4       |            |
| Credits                                                                  |                                    | 17      |            |
| Spring                                                                   |                                    |         |            |
| HUM 103                                                                  | Introduction to the Humanities III | 4       |            |
| Third term of first-year second-language sequence                        |                                    | 5       |            |
| General education course that also satisfies a multicultural requirement |                                    | 4       |            |

|                                              |           |
|----------------------------------------------|-----------|
| General education course in arts and letters | 4         |
| <b>Credits</b>                               | <b>17</b> |
| <b>Total Credits</b>                         | <b>51</b> |

## Course Title Credits Milestones

### Second Year

#### Fall

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| Lower-division course that fulfills the humanities breadth requirement | 4         |
| First term of second-year second-language sequence                     | 4         |
| General-education course in social science                             | 4         |
| General-education course in natural science                            | 4         |
| <b>Credits</b>                                                         | <b>16</b> |

#### Winter

|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| Lower-division course that fulfills the humanities breadth requirement   | 4         |
| Second term of second-year second-language sequence                      | 4         |
| General-education course that also satisfies a multicultural requirement | 4         |
| General-education course in arts and letters                             | 4         |
| <b>Credits</b>                                                           | <b>16</b> |

#### Spring

|                                                    |           |
|----------------------------------------------------|-----------|
| Third term of second-year second-language sequence | 4         |
| General education course in social science         | 4         |
| General education course in science                | 4         |
| General education course in arts and letters       | 4         |
| <b>Credits</b>                                     | <b>16</b> |
| <b>Total Credits</b>                               | <b>48</b> |

## Course Title Credits Milestones

### Third Year

#### Fall

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| Upper-division course that fulfills the humanities breadth requirement | 4         |
| Upper-division elective course                                         | 4         |
| General education course in science                                    | 4         |
| General education course in arts and letters                           | 4         |
| <b>Credits</b>                                                         | <b>16</b> |

#### Winter

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| Upper-division course that fulfills the humanities breadth requirement | 4         |
| Upper-division elective course                                         | 4         |
| General education course in social science                             | 4         |
| General education course in science                                    | 4         |
| <b>Credits</b>                                                         | <b>16</b> |

#### Spring

|                                            |           |
|--------------------------------------------|-----------|
| Upper-division elective course             | 4         |
| General education course in social science | 4         |
| Elective courses                           | 8         |
| <b>Credits</b>                             | <b>16</b> |
| <b>Total Credits</b>                       | <b>48</b> |

## Course Title Credits Milestones

### Fourth Year

#### Fall

|                                |           |
|--------------------------------|-----------|
| Upper-division elective course | 4         |
| Elective courses               | 8         |
| <b>Credits</b>                 | <b>12</b> |

#### Winter

|                                |           |
|--------------------------------|-----------|
| Upper-division elective course | 4         |
| Elective courses               | 8         |
| <b>Credits</b>                 | <b>12</b> |

#### Spring

|                      |           |
|----------------------|-----------|
| Elective courses     | 12        |
| <b>Credits</b>       | <b>12</b> |
| <b>Total Credits</b> | <b>36</b> |

## Judaic Studies

### D. Gantt Gurley, Program Director

319 Friendly Hall  
1233 University of Oregon  
Eugene, Oregon 97403-5273  
541-346-5288  
gantt@uoregon.edu

The interdisciplinary Harold Schnitzer Family Program in Judaic Studies provides a comprehensive undergraduate curriculum in the history, religion, and cultural traditions of the Jewish people and offers instruction in Hebrew language and literature. The program offers a major leading to a bachelor of arts (BA) degree and a minor. It sponsors courses, lectures, and other events of interest to the general student population and the wider community.

## Faculty

Gantt Gurley, associate professor. See **German and Scandinavian**.

Bassem Hosny, Career Instructor (Modern Hebrew and Hebrew literature and film)

Meir Goldstein, Senior Jewish Educator

## Emerita

Judith R. Baskin, professor emerita. See **Religious Studies**.

## Executive Committee

Gantt Gurley (chair), German and Scandinavian

Bassem Hosny, Judaic and Hebrew Studies

Meir Goldstein, Judaic and Hebrew Studies

## Undergraduate Programs

### Major - Bachelor's Degree

- Judaic Studies (BA) (p. 130)

### Minor

- Judaic Studies (p. 131)

# Judaic Studies (BA)

Students from many different backgrounds and diverse interests benefit from learning more about the history of Western civilization through the perspective of Judaic studies. The Harold Schnitzer Family Program in Judaic Studies offers both a major and a minor for students. The program emphasizes the history, religion, and civilization of the Jewish people, as well as two years' proficiency in Hebrew language and literature. The major is interdisciplinary, meaning undergraduates can take courses from a variety of departments that appeal to their unique interests. Students graduate with both advanced language skills and an increased awareness of diverse cultures and traditions.

The Judaic studies program consists of core courses taught under the HBRW, JDST, and REL subject codes and related courses taught in the disciplines of participating faculty members—anthropology, art history, comparative literature, conflict and dispute resolution, English, geography, folklore and public culture, German and Scandinavian, history, landscape architecture, music, philosophy, political science, religious studies, Romance languages, and women's and gender studies.

The focus on Jewish cultures and experience as a lens to study the world provides a liberal arts background suitable to careers in a range of professional fields (law, education, rabbinate, social service, public policy) and prepares students for graduate work in Judaic studies, religious studies, and related fields.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Identify, describe and explain Jewish experiences, achievements, and challenges in various historical, social, religious, political, and cultural contexts.
- Explain how Jewish communities have transformed throughout time and in different places.
- Demonstrate at least 2nd-year language competence in Modern Hebrew; identify and explain the significance of language in assessing Jewish culture(s).
- Read and critically analyze primary sources and current scholarly literature, applying appropriate theoretical and methodological tools in the academic study of Judaism and Jewish culture.
- Make an effective and valid argument in speech and writing: one that successfully establishes a premise and critically supports that premise with appropriate and persuasive scholarly evidence.

## Bachelor of Arts Degree Requirements

| Code                                         | Title                               | Credits |
|----------------------------------------------|-------------------------------------|---------|
| <b>Lower-Division Requirements</b>           |                                     |         |
| HBRW 111 and<br>& HBRW 112 and<br>& HBRW 113 |                                     | 12      |
| REL 211                                      | Early Judaism                       | 4       |
| JDST 212                                     | Medieval and Early Modern Judaism   | 4       |
| JDST 213                                     | The Jewish Encounter with Modernity | 4       |
| REL 222                                      | Introduction to the Bible I         | 4       |
| <b>Upper-Division Requirements</b>           |                                     |         |
| Select three of the following:               |                                     | 12      |
| HBRW 311                                     | Biblical Narrative                  |         |

|                                            |                          |              |
|--------------------------------------------|--------------------------|--------------|
| JDST 330                                   | American Jewish Cultures | 4            |
| HBRW 399                                   | Special Studies: [Topic] | 1-12         |
| Six approved elective courses <sup>1</sup> |                          | 24           |
| <b>Total Credits</b>                       |                          | <b>69-80</b> |

<sup>1</sup> Courses must focus on significant issues in Judaic studies from the perspective of the instructor's academic discipline. See Electives table for a list of recently offered courses.

## Electives

| Code     | Title                               | Credits |
|----------|-------------------------------------|---------|
| ANTH 429 | Jewish Folklore and Ethnology       | 4       |
| ENG 340  | Jewish Writers                      | 4       |
| FLR 411  | Folklore and Religion               | 4       |
| GER 368  | Themes in German Literature         | 4       |
| HIST 415 | Advanced World History: [Topic]     | 4       |
| HIST 428 | Europe in the 20th Century: [Topic] | 4       |
| JDST 330 | American Jewish Cultures            | 4       |
| PHIL 320 | Philosophy of Religion              | 4       |
| REL 414  | Biblical Book: [Topic]              | 4       |

A list of approved courses is available from the program director preceding each term; it also appears in the online class schedule and the program website.

## Honors in Judaic Studies

A degree with honors in Judaic studies requires the following:

1. Satisfaction of the requirements of the major
2. A cumulative grade point average of 3.50 in courses taken to satisfy the major requirements
3. Satisfactory completion of an honors thesis

The candidate for honors must register for 4 credits in Research: [Topic] (JDST 401) winter term of the senior year in order to prepare for writing the thesis, and for 4 credits in Thesis (JDST 403) spring term for its completion. A faculty committee of two supervises the project. A first draft of the thesis must be submitted six weeks before the end of the term in which the student expects to graduate and the final draft two weeks before the end of the term.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Judaic Studies

| Course                                       | Title         | Credits   | Milestones |
|----------------------------------------------|---------------|-----------|------------|
| <b>First Year</b>                            |               |           |            |
| <b>Fall</b>                                  |               |           |            |
| 100-level HBRW course                        |               | 4         |            |
| WR 121Z                                      | Composition I | 4         |            |
| REL 211                                      | Early Judaism | 4         |            |
| General-education course in arts and letters |               | 4         |            |
| <b>Credits</b>                               |               | <b>16</b> |            |

**Winter**

|                                                                |           |
|----------------------------------------------------------------|-----------|
| 100-level HBRW course                                          | 4         |
| WR 122Z Composition II<br>or WR 123 or College Composition III | 4         |
| JDST 212 Medieval and Early Modern Judaism                     | 4         |
| REL 222 Introduction to the Bible I                            | 4         |
| <b>Credits</b>                                                 | <b>16</b> |

**Spring**

|                                              |           |
|----------------------------------------------|-----------|
| 100-level HBRW course                        | 4         |
| JDST 213 The Jewish Encounter with Modernity | 4         |
| General-education course in social science   | 4         |
| General-education course in science          | 4         |
| <b>Credits</b>                               | <b>16</b> |
| <b>Total Credits</b>                         | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| HBRW 311 Biblical Narrative                                              | 4         |
| General-education course in social science                               | 4         |
| General-education course that also satisfies a multicultural requirement | 4         |
| Upper-division elective course                                           | 4         |
| <b>Credits</b>                                                           | <b>16</b> |

**Winter**

|                                              |           |
|----------------------------------------------|-----------|
| HBRW 311 Biblical Narrative                  | 4         |
| General-education course in arts and letters | 4         |
| General-education course in science          | 4         |
| Upper-division elective course               | 4         |
| <b>Credits</b>                               | <b>16</b> |

**Spring**

|                                            |           |
|--------------------------------------------|-----------|
| HBRW 311 Biblical Narrative                | 4         |
| JDST 330 American Jewish Cultures          | 4         |
| General-education course in social science | 4         |
| General-education course in science        | 4         |
| <b>Credits</b>                             | <b>16</b> |
| <b>Total Credits</b>                       | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                                                    |           |
|--------------------------------------------------------------------|-----------|
| General-education course in arts and letters                       | 4         |
| General-education course in science                                | 4         |
| Upper-division elective courses (Must begin HBRW 111 by this term) | 8         |
| <b>Credits</b>                                                     | <b>16</b> |

**Winter**

|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| General-education course in arts and letters                             | 4         |
| General-education course that also satisfies a multicultural requirement | 4         |
| Upper-division elective course                                           | 4         |
| Elective course                                                          | 4         |
| <b>Credits</b>                                                           | <b>16</b> |

**Spring**

|                                            |           |
|--------------------------------------------|-----------|
| General-education course in social science | 4         |
| Upper-division elective courses            | 4         |
| Elective courses                           | 8         |
| <b>Credits</b>                             | <b>16</b> |
| <b>Total Credits</b>                       | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                          |           |
|------------------------------------------|-----------|
| Upper-division general-education courses | 8         |
| Electives                                | 8         |
| <b>Credits</b>                           | <b>16</b> |

**Winter**

|                                          |           |
|------------------------------------------|-----------|
| Upper-division general-education courses | 8         |
| Electives                                | 8         |
| <b>Credits</b>                           | <b>16</b> |

**Spring**

|                                          |           |
|------------------------------------------|-----------|
| Upper-division general-education courses | 8         |
| Electives                                | 8         |
| <b>Credits</b>                           | <b>16</b> |
| <b>Total Credits</b>                     | <b>48</b> |

## Judaic Studies Minor

The Judaic Studies Minor provides a comprehensive undergraduate curriculum in the history, religion, and cultural traditions of the Jewish people and offers instruction in Hebrew language and literature. The focus on Jewish cultures and experience as a lens to study the world provides a liberal arts background suitable to careers in a range of professional fields (law, education, rabbinate, social service, public policy, among others) and prepares students for graduate work in Judaic studies, religious studies, and related fields.

### Minor in Judaic Studies

| Code                                                                         | Title                               | Credits   |
|------------------------------------------------------------------------------|-------------------------------------|-----------|
| <b>Lower-Division Requirements</b>                                           |                                     |           |
| REL 211                                                                      | Early Judaism                       | 4         |
| JDST 212                                                                     | Medieval and Early Modern Judaism   | 4         |
| JDST 213                                                                     | The Jewish Encounter with Modernity | 4         |
| <b>Upper-Division Requirements</b>                                           |                                     |           |
| Four courses including one about the American Jewish experience <sup>1</sup> |                                     | 16        |
| <b>Total Credits</b>                                                         |                                     | <b>28</b> |

<sup>1</sup> As many as 4 credits in Internship: [Topic] (JDST 404) or Terminal Project (JDST 409) or Terminal Project (HBRW 409) may be used to satisfy minor requirements.

## Linguistics

**Melissa Redford, Department Head**

541-346-3906  
161 Straub Hall  
1290 University of Oregon

Eugene, Oregon 97403-1290

Students and Faculty in the Department of Linguistics engage with language acquisition, use, and change at the intersection of human cognition, culture, and computation. We offer course work and research experiences that combine language with culture and society; action and cognition; and computation and learning.

We offer a major or minor in Linguistics that combines coursework in the discipline with language courses from at least two languages other than your first language. We also offer a minor in Interdisciplinary Cognitive Science and provide special emphasis courses for the Data Science major. As an interdisciplinary field, Linguistics combines well with majors or minors from a variety of other disciplines from Romance Languages to Data Science, Psychology to Computer Science, and Sociology to Communication Disorders and Sciences, to name but a few.

Students can also earn a certificate in Second Language Acquisition and Teaching (SLAT) as a starting point for careers in language teaching.

## Faculty

Melissa Michaud Baese-Berk, professor (second-language acquisition, phonetics, laboratory phonology, psycholinguistics). BA, 2004, Boston; PhD, 2010, Northwestern. (2013)

B. Mokaya Bosire, senior instructor (Swahili). BA, 1991, MA, 1993, Nairobi; PhD, 2008, State University of New York, Albany. (2012)

Don Daniels, associate professor (languages of Papua New Guinea, language change and reconstruction, linguistic fieldwork, morphosyntax). BA, 2006, Dartmouth College; PhD, 2015, California, Santa Barbara. (2018)

Spike Gildea, professor (language description, diachronic syntax, typology, phonology, comparative linguistics, field methods and ethics, Cariban and other South American languages). BA, 1983, MA, 1989, PhD, 1992, Oregon. (2000)

Vsevolod M. Kapatsinski, professor (psycholinguistics, corpus linguistics, experimental morphology and phonology, language learning in the lab). BA, 2003, MA, 2005, New Mexico; PhD, 2009, Indiana. (2009)

Tyler S. Kendall, professor (sociolinguistics, corpus linguistics, phonetics, language and law). BA, 1998, Cornell; PhD, 2009, Duke. (2010)

Kristopher Kyle, associate professor (second language acquisition, language assessment, natural language processing, second language writing). BA, 2005, Harding; MA, 2011, Colorado State; PhD, 2016, Georgia State. (2019)

Eric W. Pederson, associate professor, retired (cognitive and psycholinguistics, language and culture; South Indian languages). BA, 1982, MA, 1985, PhD, 1991, California, Berkeley. (1997)

Gabriela Pérez Báez, associate professor (language documentation and description, language revitalization, semantic typology, language and cognition, Zapotec languages). BFA, 1997, MA, 2005, PhD 2009, State University of New York, Buffalo. (2018)

Melissa Redford, professor (phonetics, laboratory phonology, psycholinguistics, cognitive science). BA, 1992, California, Berkeley; MA, 1995, PhD, 1999, Texas, Austin. (2002)

Julie M. Sykes, professor (second language acquisition, interlanguage pragmatics, transformative pedagogy). BA, 2001, MA, 2005, Arizona State; PhD, 2008, Minnesota. (2016)

Charlotte R. Vaughn, instructor (speech perception, psycholinguistics, talker variability, sociophonetics). BA, 2005, Duke; MA, 2011, PhD, 2014, Northwestern. (2014)

Keli D. Yerien, senior lecturer II (language teacher education, curriculum development, gesture in discourse); director, Language Teaching Specialization MA Program. BA, 1991, North Carolina, Chapel Hill; MS, 1994, PhD, 2000, Georgetown. (2007)

## Emeriti

Scott DeLancey, professor emeritus. BA, 1972, Cornell; PhD, 1980, Indiana. (1982)

T. Givón, professor emeritus. BSc, 1959, Jerusalem; MS, 1962, MA, 1966, PhD, 1969, California, Los Angeles. (1981)

Doris L. Payne, professor emerita (morphology, syntax, semantics, discourse; Amerindian and African languages). BS, 1974, Wheaton; MA, 1976, Texas, Arlington; PhD, 1985, California, Los Angeles. (1987)

Cynthia M. Vakareliyska, professor emerita. BA, 1973, Princeton; JD, 1976, Columbia; PhD, 1990, Harvard. (1994)

## Participating

Gregory D. Anderson, linguistics

Dare A. Baldwin, psychology

Marjorie S. Barker, linguistics

Robert L. Davis, Romance languages

Tom Delaney, American English Institute

Robert Elliott, Northwest Indian Language Institute

Andrew Halvorsen, American English Institute

Laura G. Holland, American English Institute

Kaori Idemaru, East Asian languages and literatures

Zhuo Jing-Schmidt, East Asian languages and literatures

Mark Johnson, philosophy

Sarah Klinghammer, linguistics

Jeffrey Magoto, Yamada Language Center

Thomas E. Payne, linguistics

Trish Pashby, American English Institute

Janne Underriner, Northwest Indian Language Institute

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*



## Undergraduate Programs

### Major - Bachelor's Degree

- Linguistics (BA/BS) (p. 133)

### Minors

- Interdisciplinary Cognitive Sciences (p. 135)
- Linguistics (p. 134)

### Certificate

- Second-Language Acquisition and Teaching (p. 135)

## Graduate Programs

### Major - Master's Degree

- Language Teaching Studies (MA) (p. 136)

### Major - Doctoral Degree

- Linguistics (PhD) (p. 137)

## Linguistics (BA/BS)

Language is with you all day, every day of your life—it is central to the human experience. You use language to think, to learn new things, to get things done, to share your heart, and to engage with others more generally. In the Linguistics Department, you will be introduced to the science of language in a high-powered and welcoming research community. You will learn all about how language works, how it is learned, how it varies from society to society, and how it changes over time.

Work in linguistics cultivates key intellectual abilities: analytical skills, data analysis skills, reasoning and argumentation, and written and oral communication skills. A degree in linguistics prepares students for professions and/or further training in any number of areas that value these abilities. Those who pursue degrees in linguistics frequently go on to pursue careers in teaching (e.g., foreign language or ESL teaching in the US or abroad), the high-tech industry (e.g., software development and testing, speech analysis and synthesis), health sciences (e.g., speech-language pathology), or national security.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Perform basic acoustic analyses of recorded speech sounds.
- Discover the phoneme inventory and basic phonotactic structure in a sufficiently large set of phonetically transcribed words.
- Analyze the morphological and syntactic constructions in a sample of glossed linguistic data.
- Design a laboratory or field research project in some area of linguistics.
- Read and demonstrate an understanding of current research literature in areas of linguistics taught in our program.

## Linguistics Major Requirements

| Code                | Title                                | Credits |
|---------------------|--------------------------------------|---------|
| <b>Core Courses</b> |                                      |         |
| LING 301            | Introduction to Linguistics Analysis | 4       |

|                                                  |                                     |           |
|--------------------------------------------------|-------------------------------------|-----------|
| LING 302                                         | Introduction to Linguistic Behavior | 4         |
| LING 311                                         | Phonetics and Phonology             | 4         |
| LING 312                                         | Morphosyntax                        | 4         |
| <b>Specialization Courses</b>                    |                                     | <b>20</b> |
| Five courses from LING 411 or above <sup>1</sup> |                                     |           |
| <b>Electives</b>                                 |                                     | <b>8</b>  |
| LING 407                                         | Seminar: [Topic] (Proseminar)       |           |
| Any 200-level or greater LING course             |                                     |           |
| <b>Total Credits</b>                             |                                     | <b>44</b> |

<sup>1</sup> LING 410 may be accepted with advisor approval.

## Additional Requirements

Two years of one second language and one year of another.

Courses applied to the major in linguistics must be taken for letter grades. A course in which a grade of D+ or lower is earned cannot count toward the major.

The study program of undergraduate linguistics majors must be approved by a departmental undergraduate advisor.

## Honors in Linguistics

By fulfilling the following requirements, any linguistics major may graduate with honors.

## Grade Point Average

On entry to the honors program at the end of the junior year, a grade point average (GPA) of 3.75 or better in linguistics courses and at least 3.50 overall is required. At the end of the senior year, a GPA of 3.75 or better in linguistics courses is required.

## Senior Thesis

Write an original honors thesis under the guidance of a thesis advisor from the linguistics faculty, chosen in consultation with the undergraduate advisor. The thesis must be a substantial piece of work; it may be a revised and expanded term paper. The thesis advisor determines whether the thesis is acceptable; the student is required to register for at least 6 credits in Thesis (LING 403), taken pass/no pass, over the course of at least two terms.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Linguistics

| Course                                            | Title         | Credits      | Milestones |
|---------------------------------------------------|---------------|--------------|------------|
| <b>First Year</b>                                 |               |              |            |
| <b>Fall</b>                                       |               |              |            |
| WR 121Z                                           | Composition I | 4            |            |
| First term of first-year second-language sequence |               | 4-5          |            |
| Elective course with LING subject code            |               | 4            |            |
| Arts and letters group-satisfying course          |               | 4            |            |
| <b>Credits</b>                                    |               | <b>16-17</b> |            |

**Winter**

|                                                    |                                              |     |
|----------------------------------------------------|----------------------------------------------|-----|
| WR 122Z<br>or WR 123                               | Composition II<br>or College Composition III | 4   |
| LING 302                                           | Introduction to Linguistic Behavior          | 4   |
| Second term of first-year second-language sequence |                                              | 4-5 |
| Social science group-satisfying course             |                                              | 4   |

|                |              |
|----------------|--------------|
| <b>Credits</b> | <b>16-17</b> |
|----------------|--------------|

**Spring**

|                                                   |                                      |                               |              |
|---------------------------------------------------|--------------------------------------|-------------------------------|--------------|
| LING 301                                          | Introduction to Linguistics Analysis | Complete before Fall 2nd year | 4            |
| Third term of first-year second-language sequence |                                      |                               | 4-5          |
| Social science group-satisfying course            |                                      |                               | 4            |
| Science group-satisfying course                   |                                      |                               | 4            |
| <b>Credits</b>                                    |                                      |                               | <b>16-17</b> |
| <b>Total Credits</b>                              |                                      |                               | <b>48-51</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                                    |                         |     |
|----------------------------------------------------|-------------------------|-----|
| LING 311                                           | Phonetics and Phonology | 4   |
| First term of second-year second-language sequence |                         | 4-5 |
| Social science group-satisfying course             |                         | 4   |
| Arts and letters group-satisfying course           |                         | 4   |

|                |              |
|----------------|--------------|
| <b>Credits</b> | <b>16-17</b> |
|----------------|--------------|

**Winter**

|                                                     |              |     |
|-----------------------------------------------------|--------------|-----|
| LING 312                                            | Morphosyntax | 4   |
| Second term of second-year second-language sequence |              | 4-5 |
| Science group-satisfying course                     |              | 4   |
| Elective course with LING subject code              |              | 4   |

|                |              |
|----------------|--------------|
| <b>Credits</b> | <b>16-17</b> |
|----------------|--------------|

**Spring**

|                                                    |  |     |
|----------------------------------------------------|--|-----|
| Any 400-level LING course                          |  | 4   |
| Third term of second-year second-language sequence |  | 4-5 |
| Social science group satisfying course             |  | 4   |
| Science group satisfying course                    |  | 4   |

|                |              |
|----------------|--------------|
| <b>Credits</b> | <b>16-17</b> |
|----------------|--------------|

|                      |              |
|----------------------|--------------|
| <b>Total Credits</b> | <b>48-51</b> |
|----------------------|--------------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                          |  |   |
|------------------------------------------|--|---|
| Any two 400-level LING courses           |  | 8 |
| First term of a third-language sequence  |  | 5 |
| Arts and letters group satisfying course |  | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Winter**

|                                          |  |   |
|------------------------------------------|--|---|
| Any two 400-level LING courses           |  | 8 |
| Second term of a third-language sequence |  | 5 |

|                                            |   |
|--------------------------------------------|---|
| General-education course in social science | 4 |
|--------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|                                         |                  |   |
|-----------------------------------------|------------------|---|
| LING 407                                | Seminar: [Topic] | 4 |
| Third term of a third-language sequence |                  | 5 |
| Any 400-level LING course               |                  | 4 |
| Science group satisfying course         |                  | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>51</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                          |  |    |
|------------------------------------------|--|----|
| Arts and letters group satisfying course |  | 4  |
| Elective courses                         |  | 12 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|                  |  |    |
|------------------|--|----|
| Elective courses |  | 16 |
|------------------|--|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|                  |  |                      |    |
|------------------|--|----------------------|----|
| Elective courses |  | Apply for graduation | 16 |
|------------------|--|----------------------|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

## Linguistics Minor

Linguists study how languages are used and structured by societies, how they are learned and processed by individuals, and how they change over time in society and the individual. Faculty in the UO Department of Linguistics have research interests that extend into the areas of speech-language pathology, psychology, anthropology, and the maintenance and revitalization of endangered languages. The Department offers a minor in linguistics which gives the student both a grounding in the basis of linguistic analysis and the opportunity to pursue areas of special interest.

The undergraduate minor requirements changed in Fall of 2020. Students admitted to the minor before Fall of 2020 can choose to follow the current degree requirements or the previous minor requirements. The Linguistics Department website provides more information.

## Linguistics Minor

| Code                   | Title                                | Credits   |
|------------------------|--------------------------------------|-----------|
| Required Courses:      |                                      | 16        |
| LING 301               | Introduction to Linguistics Analysis |           |
| LING 302               | Introduction to Linguistic Behavior  |           |
| LING 311               | Phonetics and Phonology              |           |
| LING 312               | Morphosyntax                         |           |
| Electives <sup>1</sup> |                                      | 12        |
| <b>Total Credits</b>   |                                      | <b>28</b> |

<sup>1</sup> Two electives must be at the 400+ level with a third elective at the 200+ level.

## Language Requirement

The language requirement for the minor is the same as the language requirement that is required for the Bachelor of Arts at the UO. See the UO Academic Policies (<http://uocatalog.uoregon.edu/admissiontograduation/bachelorrequirements/>); scroll down to the "Bachelor of Arts Requirements" for an explanation of the BA second language requirement.

## Interdisciplinary Cognitive Science Minor

The Interdisciplinary Cognitive Science minor culminates with a capstone course that provides students with the an opportunity to synthesize the content they have learned across multiple disciplines and then to explore an independent research project in cognitive science. The first section of the course highlights existing interdisciplinary collaborations between the minor's core departments (i.e., Linguistics, Psychology, Computer Science) and supplemental departments and programs (e.g., Biology, Philosophy, Anthropology, Sociology, Economics, Neuroscience, Human Physiology, and others). The second section of the course highlights students own research interests and allows students to develop their "minor thesis" by the end of the term.

### Minor in Interdisciplinary Cognitive Sciences

| Code                                                                                                     | Title                                           | Credits   |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------|
| <b>One course from each of the following core disciplines:</b>                                           |                                                 | <b>12</b> |
| Linguistics                                                                                              |                                                 |           |
| LING 294                                                                                                 | Child Language                                  |           |
| LING 302                                                                                                 | Introduction to Linguistic Behavior             |           |
| LING 416                                                                                                 | Language and Cognition                          |           |
| LING 407                                                                                                 | Seminar: [Topic]                                |           |
| Computer Science                                                                                         |                                                 |           |
| CS 122                                                                                                   | Introduction to Programming and Problem Solving |           |
| CS 210                                                                                                   | Computer Science I                              |           |
| CS 211                                                                                                   | Computer Science II                             |           |
| Psychology                                                                                               |                                                 |           |
| PSY 201                                                                                                  | Mind and Brain                                  |           |
| PSY 301                                                                                                  | Scientific Thinking in Psychology               |           |
| PSY 304                                                                                                  | Biopsychology                                   |           |
| PSY 305                                                                                                  | Cognition                                       |           |
| <b>One additional course from one of the aforementioned disciplines (depth requirement) <sup>1</sup></b> |                                                 | <b>4</b>  |
| <b>One course from a supplemental department (breadth requirement) <sup>2</sup></b>                      |                                                 | <b>4</b>  |
| Biology                                                                                                  |                                                 |           |
| BI 160                                                                                                   |                                                 |           |
| BI 132                                                                                                   | Introduction to Animal Behavior                 |           |
| Philosophy                                                                                               |                                                 |           |
| PHIL 101                                                                                                 | Philosophical Problems                          |           |
| PHIL 110                                                                                                 | Human Nature                                    |           |
| PHIL 225                                                                                                 | Introduction to Formal Logic                    |           |
| Anthropology                                                                                             |                                                 |           |
| ANTH 413                                                                                                 | Culture and Psychology                          |           |
| Sociology                                                                                                |                                                 |           |

|                                                                       |                                                   |           |
|-----------------------------------------------------------------------|---------------------------------------------------|-----------|
| SOC 328                                                               | Self and Society                                  |           |
| Economics                                                             |                                                   |           |
| EC 201                                                                | Introduction to Economic Analysis: Microeconomics |           |
| EC 320                                                                | Introduction to Econometrics I                    |           |
| EC 327                                                                | Introduction to Game Theory                       |           |
| EC 428                                                                | Behavioral and Experimental Economics             |           |
| <b>Methods Course</b>                                                 |                                                   | <b>4</b>  |
| CS 122                                                                | Introduction to Programming and Problem Solving   |           |
| CS 210                                                                | Computer Science I                                |           |
| CS 211                                                                | Computer Science II                               |           |
| EC 320                                                                | Introduction to Econometrics I                    |           |
| PHIL 225                                                              | Introduction to Formal Logic                      |           |
| PSY 301                                                               | Scientific Thinking in Psychology                 |           |
| <b>Cognitive Science Seminar or independent study or minor thesis</b> |                                                   | <b>4</b>  |
| LING 407                                                              | Seminar: [Topic]                                  |           |
| <b>Total Credits</b>                                                  |                                                   | <b>28</b> |

- One additional course from one of the aforementioned disciplines (depth requirement). Note: If majoring on one of the three disciplines, this depth course must be in one of the disciplines outside of the major.
- Another department/course in consultation with advisor.
- At least 12 credits must be upper division.

### Additional Requirements

At least 16 credits must be taken in residence, including the upper division capstone course and 8 other upper division course credits.

## Second Language Acquisition and Teaching Certificate

In collaboration with several UO departments, the Department of Linguistics offers an undergraduate certificate that focuses on the theory of second-language acquisition and teaching and its application in pedagogical settings. The certificate complements any other major.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge of current linguistic and educational research and theory in the fields of Second Language Acquisition (SLA) and Second Language Teaching (SLT).
- Demonstrate critical understanding of influential current and historical methodological frameworks in language teaching.
- Successfully review, organize, synthesize, and critically evaluate appropriate scholarly sources, as well as demonstrate the ability to apply these to the development of their teaching materials.
- Demonstrate the ability to evaluate, adapt, and apply pedagogical techniques in principled and innovative lesson planning according to varied contextual and learner factors.
- Demonstrate sensitivity to the needs of culturally and linguistically diverse learners through differentiation and universal design of materials and practices.

- Demonstrate the ability to apply research and analysis of specific linguistic and cultural phenomena (i.e. of the chosen target language) to their own design of materials and practices.
- Demonstrate the ability to put key principles derived from current SLA/SLT research into embodied practice within actual teaching contexts, including the appropriate use of classroom management and leadership skills.

Students must complete a total of 36 credits (must include 24 upper-division credits) with 12 credits at the 400 level.

| Code                                                              | Title                                | Credits    |
|-------------------------------------------------------------------|--------------------------------------|------------|
| <b>Three courses on second language acquisition and teaching:</b> |                                      | <b>12</b>  |
| LING 444                                                          | Second-Language Acquisition          |            |
| LT 435                                                            | Language Learning Design             |            |
| LT 436                                                            | Design for Learning Language Systems |            |
| <b>Language Area (See Course List Below)</b>                      |                                      | <b>12</b>  |
| <b>Select one of the following Internship/Practicum courses:</b>  |                                      | <b>2-4</b> |
| <sup>1</sup>                                                      |                                      |            |
| EALL 406                                                          | Field Studies: [Topic]               |            |
| FR 406                                                            | Practicum: [Topic]                   |            |
| GER 406                                                           | Practicum: [Topic]                   |            |
| LT 406                                                            | Supervised Tutoring                  |            |
| LT 437                                                            | Second-Language Teaching Practice    |            |
| SPAN 406                                                          | Practicum: [Topic]                   |            |

<sup>1</sup> Choose the appropriate course in the language selected for the certificate.

## Language Areas

| Code                  | Title                                                        | Credits |
|-----------------------|--------------------------------------------------------------|---------|
| <b>Chinese</b>        |                                                              |         |
| CHN 480               | Chinese Linguistics                                          | 4       |
| CHN 481               | Pedagogical Grammar of Chinese                               | 4       |
| One of the following: |                                                              | 4       |
| CHN 482               | History of the Chinese Language                              |         |
| EALL 442              | Second-Language Acquisition                                  |         |
| EALL 443              | Chinese, Japanese, and Korean Pedagogy                       |         |
| <b>English</b>        |                                                              |         |
| LT 441                | Teaching English Pronunciation                               | 4       |
| or LT 439             | Design for Language Learning Pronunciation                   |         |
| LING 494              | English Grammar                                              | 4       |
| One of the following: |                                                              | 4       |
| LING 150              | Structure of English Words                                   |         |
| LT 428                | Teaching English Culture and Literature                      |         |
| LT 449                | Measuring Language Ability (Language Testing and Assessment) |         |
| <b>French</b>         |                                                              |         |
| FR 320                | Intensive French Grammar Review                              | 4       |
| FR 416                | Advanced Writing in French                                   | 4       |
| FR 425                | French-English Translation                                   | 4       |
| <b>German</b>         |                                                              |         |
| GER 411               | Advanced Language Training                                   | 4       |
| GER 412               | Advanced Language Training                                   | 4       |

|                                    |                                |   |
|------------------------------------|--------------------------------|---|
| One of the following: <sup>1</sup> |                                | 4 |
| GER 425                            | Play Performance: [Topic]      |   |
| GER 470                            | German for Reading Knowledge I |   |

### Japanese

|                                  |                                        |   |
|----------------------------------|----------------------------------------|---|
| EALL 443                         | Chinese, Japanese, and Korean Pedagogy | 4 |
| Any two from the following list: |                                        | 8 |
| EALL 442                         | Second-Language Acquisition            |   |
| EALL 410                         | Experimental Course: [Topic]           |   |
| JPN 315                          | Introduction to Japanese Linguistics   |   |
| JPN 410                          | Experimental Course: [Topic]           |   |

### Korean

|                                  |                                        |   |
|----------------------------------|----------------------------------------|---|
| EALL 443                         | Chinese, Japanese, and Korean Pedagogy | 4 |
| Any two from the following list: |                                        | 8 |
| EALL 442                         | Second-Language Acquisition            |   |
| EALL 410                         | Experimental Course: [Topic]           |   |
| KRN 315                          | Introduction to Korean Linguistics     |   |
| KRN 410                          | Experimental Course: [Topic]           |   |

### Spanish

|                                            |                                         |    |
|--------------------------------------------|-----------------------------------------|----|
| Any three courses from the following list: |                                         | 12 |
| SPAN 308                                   | Cultura y lengua: comunidades bilingues |    |
| SPAN 320                                   | Intensive Spanish Grammar Review        |    |
| SPAN 322                                   | Introduction to Hispanic Linguistics    |    |
| SPAN 324                                   | Spanish Pronunciation and Phonetics     |    |
| SPAN 420                                   | Spanish Linguistics: [Topic]            |    |
| SPAN 424                                   | History of the Spanish Language         |    |
| SPAN 425                                   | Literary Translation                    |    |
| SPAN 428                                   | Spanish in the United States            |    |

### Other Languages <sup>2</sup>

<sup>1</sup> A substitute course may be accepted with advisor's approval

<sup>2</sup> If you would like to compose a SLAT certificate for other languages taught at UO, contact the SLAT Director, Dr. Keli Yerian at [yerian@uoregon.edu](mailto:yerian@uoregon.edu)

## Language Teaching Studies (MA)

The University of Oregon Master of Arts (MA) degree program in Language Teaching Studies is a 15-month intensive graduate degree designed to prepare leaders in the field of language teaching and learning. A unique feature of this program is that participants are able to specialize in more than one language, including majority languages such as English and minoritized languages such as the indigenous languages of the Pacific Northwest.

The MA in Language Teaching Studies focuses on transformational approaches to language instruction through innovation in curriculum, pedagogy, materials development, digital technologies, and assessment, including how evidence-based principles and practices can be adapted across a wide range of language learning contexts. The program is particularly sensitive to the evolving needs of both majority and minority language learners in this era of globalization and internationalization.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge of current linguistic and educational research and theory in the fields of Second Language Acquisition (SLA) and Second Language Teaching (SLT). Students demonstrate understanding of how this research and theory applies to their own areas of focus in second language, world language, or indigenous language teaching and learning.
- Demonstrate critical understanding of influential current and historical methodological frameworks in language teaching, as well as demonstrate the ability to evaluate, adapt, and apply pedagogical techniques drawn from these frameworks in principled and innovative lesson planning, according to contextual need.
- Recognize, value, and integrate instructional, curricular, and learner initiated elements related to culture, interaction, and pragmatics within their teaching practices. Students will be able to value and integrate elements of text and performance as they pertain to literature and multiliteracies.
- Demonstrate ability to apply key principles derived from current SLA and SLT research, standards, and practice to curriculum design, course design, materials design, and assessment design in empirically grounded and innovative ways.
- Demonstrate the ability to apply key principles derived from current SLA/SLT research and practice to effective incorporation of digital technologies into their plans and teaching.
- Demonstrate the ability to put key principles derived from current SLA/SLT research into embodied practice within actual teaching contexts, including the appropriate use of classroom management and leadership skills.
- Successfully review, organize, synthesize, and critically evaluate appropriate scholarly sources, as well as demonstrate the ability to apply principled small-scale needs analysis research methods and appropriate data collection techniques for the development of their teaching and curriculum materials.
- Demonstrate sensitivity to the needs of culturally and linguistically diverse learners through differentiation of curricula and practice.
- Demonstrate flexibility and innovation in the face of the various sociocultural and contextual factors impacting language instruction.
- Demonstrate autonomy and initiative in their own professional development, including welcoming peer and faculty mentoring, engaging in teamwork, and adapting to the dynamic nature of the language-teaching field.

Only graded courses may be used to satisfy degree requirements. Exceptions must be approved by the department. No course with a grade lower than B- may be used to satisfy degree requirements.

## Master of Arts in Language Teaching Studies

| Code     | Title                                      | Credits |
|----------|--------------------------------------------|---------|
| LING 520 | Language, Mind and Society                 | 4       |
| LING 530 | Research Methods for Applied Linguistics   | 4       |
| LING 544 | Second-Language Acquisition                | 4       |
| LT 534   | Language Learning in Context               | 4       |
| LT 535   | Language Learning Design                   | 4       |
| LT 536   | Design for Learning Language Systems       | 4       |
| LT 537   | Second-Language Teaching Practice          | 4       |
| LT 538   | Design for Language Learning Pragmatics    | 4       |
| LT 539   | Design for Language Learning Pronunciation | 4       |
| LT 548   | Curriculum and Materials Development       | 5       |

|        |                                                          |   |
|--------|----------------------------------------------------------|---|
| LT 549 | Measuring Language Ability                               | 5 |
| LT 611 | Terminal Project                                         | 7 |
| LT 608 | Workshop: [Topic] (Digitally Mediated Language Learning) | 1 |
| LT 608 | Workshop: [Topic] (Microteaching & Materials )           | 3 |

**Total Credits** **57**

Students who choose to take 2 years to complete the program can delay some coursework to the 2nd year but must take LT 535 before LT 536 or LT 548. Electives credits are described after the required courses.

### Electives

Students may take additional elective coursework, which may include any number of language or education related coursework, internships, or supervised tutoring or teaching opportunities.

Students who have already taken any of the required courses or their equivalents previous to entering LTS should replace them with elective credits in consultation with the LTS Director. Students who already have two years or more of language teaching experience can choose to focus on additional coursework for their elective credit, while students with less than two years are advised to gain additional practical experience through the many supervised teaching opportunities noted below.

Courses that can count as electives include additional LT seminars and any graduate Linguistics course (e.g. LING 507 Heritage Language Acquisition; LING 507 Bilingualism, and LING 507 Speech Perception and Production; LING 591 Sociolinguistics; or LING 644 Advanced Second Language Acquisition), as well as graduate level courses in other language departments, the School of Education, International Studies, Psychology, and others. Any course that relates to topics in education, language, or both is a potential elective choice, with Director approval. A few examples of the many possible electives courses are EDLD 530 Comparative Education, CHN 581 Chinese Pedagogical Grammar, GLBL 534 Language Issues in International Studies, and PSY 533 Learning and Memory.

Internships and Practica are arranged on an individual basis in a range of language teaching or curriculum development contexts. Students can assist in language classrooms at the American English Institute (AEI) at all proficiency levels, at Lane Community College, in various Foreign Language classes at the UO or LCC, at the Center for Applied Second Language Studies (CASLS), and in K-12 classrooms, such as in the local Japanese, Spanish, or French immersion programs. Classroom internships involve observation, assisting, and some teaching under the supervision of a cooperating teacher.

### Master's Project

Students working toward the Language Teaching Studies MA degree must complete a master's project over two consecutive terms. The project topic must be approved by the faculty advisor, and be presented in a LT 611 class session during the final term.

## Linguistics (PhD)

The doctor of philosophy (PhD) program in linguistics is individually tailored to meet the needs and professional goals of the student, drawing strong interdisciplinary support from related fields at the university. These fields may include—but are not limited to—anthropological linguistics, cognitive science, communication disorders and sciences, discourse and



text analysis, English linguistics, first- and second-language acquisition, language-data processing, neurolinguistics, and sociolinguistics.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Conduct independent research and advance knowledge in area of specialization.
- Write technical papers that are of sufficiently high-quality to merit publication in scholarly journals.
- Demonstrate mastery in at least 2 core areas of linguistics sufficient to teach lower division courses in linguistics.
- Demonstrate mastery of current theory, literature, research methods, and data management in area of specialization sufficient to teach upper-division and graduate-level courses in linguistics.
- Demonstrate clear understanding of the principles of ethical research in area of specialization and adhere to these principles when conducting research.

### Required Courses

| Code                                          | Title                                    | Credits   |
|-----------------------------------------------|------------------------------------------|-----------|
| Select two of the following:                  |                                          | 8         |
| LING 616                                      | Linguistic Theory: Semantics             |           |
| LING 615                                      | Linguistic Theory: Syntax                |           |
| LING 614                                      | Linguistic Theory: Phonology             |           |
| Select two courses out of the following:      |                                          | 8         |
| LING 507                                      | Seminar: [Topic]                         |           |
| LING 607                                      | Seminar: [Topic]                         |           |
| Equivalent seminar courses                    |                                          |           |
| Select three courses out of the following:    |                                          | 12        |
| LING 617–619                                  | Field Methods I-III                      |           |
| LING 531                                      | Statistical Methods in Linguistics       |           |
| LING 593                                      | Corpus Linguistics                       |           |
| and other courses in quantitative methods     |                                          |           |
| LING 530                                      | Research Methods for Applied Linguistics |           |
| and other courses in applied research methods |                                          |           |
| Combination of courses from these areas       |                                          |           |
| <b>Total Credits</b>                          |                                          | <b>28</b> |

The course work must be approved by the student's doctoral advisor. Even those students who have already earned an MA degree are typically expected to complete all of the MA degree course work requirements at Oregon as part of the normal progress toward the PhD.

For each student, the specific courses are to be determined by the student's advisor and the department's director of graduate studies, as are all other courses required for the PhD. No course with a grade lower than B– may be used to satisfy degree requirements. Candidates for the PhD must demonstrate proficiency equivalent to two years of college-level study of a second language and either proficiency equivalent to one year in a third research-related language or proficiency in programming or statistics in order to be advanced to candidacy.

### Residency Requirement

The Division of Graduate Studies requires at least three years of full-time work beyond the bachelor's degree for the doctorate, with at least one year spent in continuous residence on the Eugene campus. The Department of Linguistics interprets the latter requirement to mean that at

least six courses, including seminars, must be taken in the program while the student is in continuous residence for three academic terms.

### Doctoral Advisor

The department head appoints a doctoral advisor for each student upon admission to the PhD program.

### Second-Year Review

By the end of a doctoral student's second year, he or she shall be given a review by the faculty members at a department meeting. Materials submitted by the student to the department for this review must include the following:

1. A report that includes a research plan for the next year's course work, potential topics for the two qualifying papers, a statement about the student's career plans beyond the doctoral degree (and how the specific qualifying paper and thesis topics are relevant), and any other details worked out in consultation with the student's advisor
2. A curriculum vitae (CV)
3. Written evidence of research progress and scholarly potential, such as a substantive term paper or revision of a term paper that demonstrates excellence of original research or a linguistics master's thesis; the materials must be submitted to the Department by April 15

Following review of these materials, the faculty members decides either to *accept* or *deny* the student for continued study in the PhD program. In some cases, a probation year may be granted for a student's third year of study; the review process is repeated at the end of the third year with an *accept* outcome the only possibility for continued study.

As soon as possible after completion of the review, a letter to each graduate student under review is issued by the director of graduate studies informing the student of his or her status and, in the case of a one-year probation, specifying the conditions that must be met for a successful outcome during the additional third-year review. The language of the probation conditions is drafted by the student's doctoral advisor and the director of graduate studies. The director may also meet with any students who are denied continued study or who are granted probation.

### Annual review

Beginning in the third year of the program, each graduate student must submit an annual report and CV to his or her advisor by April 15 of each year. The report should be no more than one page in length and should detail what the student has accomplished over the past year in the program.

### Doctoral Examination and Advancement to Candidacy

#### Requirements for the Qualifying Paper

The doctoral examination consists of two original publishable papers (QPs) in different subfields of linguistics. The term "different subfields" may include two different methodological approaches to a single broad topic. Acceptance of a QP indicates that the review committee has deemed the paper to constitute sufficient evidence for the student's readiness to perform PhD-level research and write a dissertation. Submission of both QPs for publication is required before the student can advance to candidacy. The publishing venue may be a refereed journal, a refereed or nonrefereed conference proceedings volume, an online publication, or another venue. While submission of

each qualifying paper to a publishing venue is required for advancement to candidacy, acceptance for publication is not a requirement.

An unmodified MA thesis cannot serve as one of the qualifying papers. A qualifying paper may be, however, a publishable expansion or revision of an MA thesis or publishable term paper written for a course conducted by any faculty member in the department or, where deemed reasonable, for a course conducted by a faculty member outside the department. The paper may be written under the supervision of either the student's advisor or another faculty member in consultation with the student's advisor, who approves the topic and the final version before submission to the QP Coordinator.

### Composition of the Qualifying Paper Committee

A committee of three faculty members is drawn up to review each qualifying paper. The committee is composed of two faculty member reviewers and the student's doctoral advisor. In cases where the qualifying paper supervisor is not the student's doctoral advisor, the doctoral advisor will be one of the two reviewers and the supervisor will be the third member of the committee. The advisor sits on both of an individual student's committees, whereas at least one of the two faculty reviewers serves on only one of the two committees. One of the two faculty members on the committee may be from another department, where appropriate.

Upon completion and documented submission to a publisher of both qualifying papers and completion of all required course work and the research language requirement, the student advances to candidacy for the PhD degree. The student and the department must electronically submit the advancement to candidacy to the Division of Graduate Studies for approval.

At least one of the QP reviewers must not be a co-author of the QP at the time of the QP's submission to the committee. One QP reviewer may be a co-author of the QP as long as they have not contributed to the writing of the manuscript prior to its submission for review.

### Qualifying Paper Coordinator and Reviewers

The qualifying paper coordinator is a member of the faculty who

- receives papers submitted by the graduate student (after approval of the qualifying paper by the student's doctoral advisor and the QP supervisor)
- selects reviewers for the paper in consultation with the doctoral advisor and the QP supervisor
- sends the paper to the reviewers and sets a deadline for review (typically four weeks)
- receives the reviewers' comments and decisions
- sends a summary of the comments and decisions, together with the reviewers' specific comments, to the doctoral advisor and the student
- notifies the department when the qualifying paper is submitted and when it is accepted by the reviewers
- resolves disputes in cases of intractable disagreement among members of the QP committee

In the event that one or both of the reviewers requests revisions, the student (after the QP supervisor approves the revised version of the paper) submits the revision to the coordinator. A reviewer may choose whether or not to review the revised version. If a reviewer chooses to review the revision, the coordinator sends the revised version to the reviewer and sets a deadline for review (typically four weeks). Any further comments or revision requirements from the reviewer or reviewers are

sent by the coordinator to the student, the QP supervisor and the student (with copies to the student's doctoral advisor). In the event that both reviewers reject a qualifying paper, the student may submit a substitute paper with the approval of the doctoral advisor. Except by petition to the faculty and subsequent faculty approval, there may be no third submission of a qualifying paper.

### Doctoral Dissertation

A doctoral committee must include at least three linguistics faculty members and one outside member, and must be either chaired or cochaired by the student's doctoral advisor in linguistics. A dissertation prospectus must be submitted to and approved by the doctoral committee before the writing of the dissertation commences. The PhD will be granted upon completion of the preceding requirements, the writing of an original dissertation acceptable to the doctoral committee, and an oral examination on the dissertation.

## Medieval Studies

### Stephanie Clark, Director

118 Prince Lucien Campbell Hall  
1287 University of Oregon  
Eugene, Oregon 97403-1287  
541-346-3960  
medieval@uoregon.edu

Medieval studies, an interdisciplinary undergraduate program, integrates various approaches to the Middle Ages by medievalists in several departments. Medieval studies provides an excellent general education or a solid base for graduate work in a more specialized area. Study abroad is strongly encouraged.

Medieval studies concentrates on the period from 300 to 1500, combining courses in art and architecture, history, language, literature, music, philosophy, and religion. A typical course of study includes diverse topics such as the Bible, the early Church, Byzantium, Islam, the Vikings, the Crusades, women in the Middle Ages, mysticism, romance, the Gothic cathedral, Chaucer, Dante, and medieval China and Japan. The program aims to provide a comprehensive introduction to the medieval worldview in Europe and beyond, and the origins of the modern world.

### Participating Faculty

Ina Asim, history

Martha J. Bayless, English

Louise M. Bishop, honors college, EMERITA

Stephanie Clark, English

Frederick Colby, religious studies

Stephen Dueppen, Anthropology

Andrew E. Goble, history

Deborah A. Green, Judaic studies

D. Gantt Gurley, German and Scandinavian

David Hollenberg, religious studies

Maile Hutterer, history of art and architecture

Mary Jaeger, classics

Lori Kruckenberg, music

Charles H. Lachman, history of art and architecture, EMERITUS

C. Anne Laskaya, English

Eric Mentzel, music

Stephen J. Shoemaker, religious studies

Mark T. Unno, religious studies

Cynthia M. Vakareliyska, linguistics, EMERITA

David Wacks, Romance languages

Lisa Wolverton, history

Undergraduate Programs

Major - Bachelor's Degree

- Medieval Studies (BA) (p. 140)

Minor

- Medieval Studies (p. 141)

Medieval Studies (BA)

Medieval studies, an interdisciplinary undergraduate program, integrates various approaches to the Middle Ages by medievalists in several departments. Medieval studies provides an excellent general education or a solid base for graduate work in a more specialized area. Study abroad is strongly encouraged.

Medieval studies concentrates on the period from 300 to 1500, combining courses in art and architecture, history, language, literature, music, philosophy, and religion. A typical course of study includes diverse topics such as the Bible, the early Church, Byzantium, Islam, the Vikings, the Crusades, women in the Middle Ages, mysticism, romance, the Gothic cathedral, Chaucer, Dante, and medieval China and Japan. The program aims to provide a comprehensive introduction to the medieval worldview in Europe and beyond, and the origins of the modern world.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Identify materials, terminologies, and methodologies within one or more following areas of study focused on the Middle Ages: art history; languages and literatures; history; religious studies and religious backgrounds to medieval culture; music history and performance; cross-cultural contacts and borrowings; classical backgrounds for medieval culture.
- Analyze primary material from the Middle Ages, explaining what specific features in the primary text/object carry medieval cultural content. (This can include focus, meaning, formal features, aims, assumptions, and purposes evident in the primary material.)
- Critically assess and interpret primary and secondary sources.
- Recognize and evaluate the cultural phenomena of the medieval world and their relationship to the modern world.

- Synthesize an argument from textual or other evidence and express it in formal prose. (Write organized, well-structured, clear essays that make use of evidence to advance assertions and a main thesis.)

Bachelor of Arts Degree Requirements

Medieval studies majors must complete twelve medieval courses in at least three departments with a grade of mid-C or better. At least 24 credits must be in upper-division work. Two years of Latin are recommended for those who want to do graduate work in medieval studies. See the program website for more information.

Honors in Medieval Studies

A degree with honors in medieval studies allows a student to focus on an area of concentration in a written thesis. Requirements are as follows:

1. Satisfaction of the requirements for the major
2. A grade point average of 3.50 or better in courses taken to meet the upper-division requirements of the major. A minimum cumulative UO grade point average of 3.00
3. A prospectus for the thesis approved by both the thesis director and the program director. The prospectus must be submitted no later than week seven of the term before the student plans to complete the honors project. When the prospectus has been approved, the student and thesis director will agree on a schedule of submission of work
4. A senior thesis of substantial quality, representing new or substantially new work beyond any project or paper submitted within other university courses, approved by the thesis director and at least one other member of the medieval studies participating faculty. The thesis must be complete and ready for public presentation no later than week seven of the fall, winter, or spring term
5. **A presentation of the project.** The student presents the honors project to students and faculty members and participates in an open discussion of the project with the audience. Presentations typically occur in weeks seven through ten of fall, winter, or spring terms and are arranged in consultation with both the director of the Medieval Studies Program and the student's thesis advisor
6. Honors in medieval studies are not given for substantially the same project or paper submitted for honors to any other unit in the university. Departmental honors theses shall be written exclusively for honors in medieval studies
7. Students normally enroll in at least one but no more than two terms of Thesis (MDVL 403). Enrollment in Thesis is not required but is recommended. Thesis credits cannot serve to fulfill the minimum major requirements

Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

Bachelor of Arts in Medieval Studies

| Course                     | Title            | Credits | Milestones |
|----------------------------|------------------|---------|------------|
| First Year                 |                  |         |            |
| Fall                       |                  |         |            |
| Course on medieval subject |                  |         | 4          |
| LAT 101                    | First-Year Latin |         | 5          |
| WR 121Z                    | Composition I    |         | 4          |

|                 |           |
|-----------------|-----------|
| Elective course | 4         |
| <b>Credits</b>  | <b>17</b> |

**Winter**

|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| Course on medieval subject                                               | 4         |
| WR 122Z      Composition II<br>or WR 123      or College Composition III | 4         |
| LAT 102      First-Year Latin                                            | 5         |
| General-education course in social science                               | 4         |
| <b>Credits</b>                                                           | <b>17</b> |

**Spring**

|                                              |           |
|----------------------------------------------|-----------|
| Course on medieval subject                   | 4         |
| LAT 103      First-Year Latin                | 5         |
| General-education course in arts and letters | 4         |
| General-education course in social science   | 4         |
| <b>Credits</b>                               | <b>17</b> |
| <b>Total Credits</b>                         | <b>51</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                              |           |
|----------------------------------------------|-----------|
| Course on medieval subject                   | 4         |
| LAT 301      Authors: [Topic]                | 4         |
| General-education course in social science   | 4         |
| General-education course in arts and letters | 4         |
| <b>Credits</b>                               | <b>16</b> |

**Winter**

|                                              |           |
|----------------------------------------------|-----------|
| Course on medieval subject                   | 4         |
| LAT 302      Authors: [Topic]                | 4         |
| General-education course in science          | 4         |
| General-education course in arts and letters | 4         |
| <b>Credits</b>                               | <b>16</b> |

**Spring**

|                                     |           |
|-------------------------------------|-----------|
| Course on medieval subject          | 4         |
| LAT 303      Authors: [Topic]       | 4         |
| Upper-division elective course      | 4         |
| General-education course in science | 4         |
| <b>Credits</b>                      | <b>16</b> |
| <b>Total Credits</b>                | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                              |           |
|----------------------------------------------|-----------|
| Course on medieval subject                   | 4         |
| Upper-division elective course               | 4         |
| General-education course in arts and letters | 4         |
| General-education course in science          | 4         |
| <b>Credits</b>                               | <b>16</b> |

**Winter**

|                                            |           |
|--------------------------------------------|-----------|
| Course on medieval subject                 | 4         |
| Upper-division elective course             | 4         |
| General-education course in social science | 4         |
| General-education course in science        | 4         |
| <b>Credits</b>                             | <b>16</b> |

**Spring**

|                                                                       |           |
|-----------------------------------------------------------------------|-----------|
| Course on medieval subject                                            | 4         |
| General-education course                                              | 4         |
| General-education course that also fulfills multicultural requirement | 4         |
| Upper-division elective course                                        | 4         |
| <b>Credits</b>                                                        | <b>16</b> |
| <b>Total Credits</b>                                                  | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                |           |
|--------------------------------|-----------|
| Course on medieval subject     | 4         |
| Upper-division elective course | 4         |
| General-education course       | 4         |
| <b>Credits</b>                 | <b>12</b> |

**Winter**

|                                                                  |           |
|------------------------------------------------------------------|-----------|
| Course on medieval subject                                       | 4         |
| Upper-division elective course                                   | 4         |
| General-education course that fulfills multicultural requirement | 4         |
| <b>Credits</b>                                                   | <b>12</b> |

**Spring**

|                                |           |
|--------------------------------|-----------|
| Course on medieval subject     | 4         |
| Upper-division elective course | 4         |
| General-education course       | 4         |
| <b>Credits</b>                 | <b>12</b> |
| <b>Total Credits</b>           | <b>36</b> |

## Medieval Studies Minor

The Medieval Studies minor offers students an extensive curriculum which includes the Christian, Judaic, and Islamic Middle Ages, as well as courses in feudal Japanese culture and East Asian Art and religious traditions. Students gain deeper historical and cultural knowledge that contextualizes modern political and cultural developments and encourages cross-cultural connections. Courses are offered via a variety of departments, from philosophy, literature, and history to art, architecture, and music, grounding students' learning in a variety of disciplinary approaches.

### Minor Requirements

Students who want a minor in medieval studies must complete seven medieval courses in at least two departments.

### Suggested Courses

Students should plan their programs as early as possible with the aid of a medieval studies faculty advisor. With the advisor's consent, courses numbered 199, 399, 405, 407, 408, or 410 may be substituted for suggested courses. At least five of the courses must be taken at the University of Oregon. More information is available from the medieval studies office or from the Medieval Studies Program director.

| Code          | Title                    | Credits |
|---------------|--------------------------|---------|
| <b>Arabic</b> |                          |         |
| ARB 331       | Reading Classical Arabic | 4       |

**Classics**

|          |                                   |   |
|----------|-----------------------------------|---|
| CLAS 110 | Classical Mythology               | 4 |
| CLAS 314 | Gender and Sexuality in Antiquity | 4 |

Additional Latin and Greek course offerings, depending on topic

**English**

|                                   |                                                                              |    |
|-----------------------------------|------------------------------------------------------------------------------|----|
| ENG 225                           | Age of King Arthur                                                           | 4  |
| ENG 423                           | The Age of Beowulf                                                           | 4  |
| ENG 425                           | Medieval Romance                                                             | 4  |
| ENG 427                           | Chaucer                                                                      | 4  |
| ENG 428<br>& ENG 429<br>& ENG 430 | Old English I<br>and Old English II: [Topic]<br>and Old English III: [Topic] | 12 |

**History**

|          |                                                                                                                             |   |
|----------|-----------------------------------------------------------------------------------------------------------------------------|---|
| HIST 190 | Foundations of East Asian Civilizations                                                                                     | 4 |
| HIST 320 | High Middle Ages in Europe                                                                                                  | 4 |
| HIST 321 | Late Middle Ages in Europe                                                                                                  | 4 |
| HIST 387 | Early China                                                                                                                 | 4 |
| HIST 396 | Samurai in Film                                                                                                             | 4 |
| HIST 414 | Ancient Rome: [Topic] (depends on topic)                                                                                    | 4 |
| HIST 490 | Japan: [Topic] (The Classical Age)                                                                                          | 4 |
| HIST 498 | Early Japanese Culture and Society:<br>[Topic] (Buddhism and Society in Medieval<br>Japan; Samurai and War; Medieval Japan) | 4 |

**History of Art and Architecture**

|         |                           |   |
|---------|---------------------------|---|
| ARH 205 | History of Western Art II | 4 |
|---------|---------------------------|---|

**Humanities**

|         |                                       |   |
|---------|---------------------------------------|---|
| HUM 102 | Introduction to the Humanities II     | 4 |
| HUM 300 | Themes in the Humanities <sup>1</sup> | 4 |

**Italian**

|          |                                          |   |
|----------|------------------------------------------|---|
| ITAL 317 | Italian Survey: Medieval and Renaissance | 4 |
|----------|------------------------------------------|---|

**Japanese**

|         |                                     |   |
|---------|-------------------------------------|---|
| JPN 305 | Introduction to Japanese Literature | 4 |
|---------|-------------------------------------|---|

**Judaic Studies**

|          |                                   |   |
|----------|-----------------------------------|---|
| JDST 212 | Medieval and Early Modern Judaism | 4 |
|----------|-----------------------------------|---|

Additional courses in Judaic Studies and Hebrew, depending on topic

**Music**

|         |                              |     |
|---------|------------------------------|-----|
| MUS 267 | History of Music 800 to 1600 | 4   |
| MUS 391 | Collegium Musicum            | 1-3 |

**Philosophy**

|          |                                             |   |
|----------|---------------------------------------------|---|
| PHIL 310 | History of Philosophy: Ancient and Medieval | 4 |
|----------|---------------------------------------------|---|

**Religious Studies**

|                      |                                                                 |   |
|----------------------|-----------------------------------------------------------------|---|
| REL 222<br>& REL 223 | Introduction to the Bible I<br>and Introduction to the Bible II | 8 |
| REL 233              | Introduction to Islam                                           | 4 |
| REL 321<br>& REL 322 | History of Christianity<br>and History of Christianity          | 8 |
| REL 324              | History of Eastern Christianity                                 | 4 |
| REL 335              | Introduction to the Qur'an                                      | 4 |
| REL 355              | Mysticism                                                       | 4 |
| REL 414              | Biblical Book: [Topic]                                          | 4 |
| REL 432              | Islamic Mysticism: [Topic]                                      | 4 |

|         |                            |   |
|---------|----------------------------|---|
| REL 444 | Medieval Japanese Buddhism | 4 |
|---------|----------------------------|---|

**Scandinavian**

|          |                                     |   |
|----------|-------------------------------------|---|
| SCAN 259 | Vikings through the Icelandic Sagas | 4 |
| SCAN 343 | Norse Mythology                     | 4 |
| SCAN 344 | Medieval Hero and Monster           | 4 |

<sup>1</sup> Depending on the topic; may only be taken once for medieval studies major or minor credit.

## Philosophy

**Scott Pratt, Department Head**

239 Susan Campbell Hall  
1295 University of Oregon  
Eugene, Oregon 97403-1295  
541-346-5549  
uophil@uoregon.edu

Philosophy asks fundamental questions about human identity, the nature of knowledge and reality, moral virtue and responsibility, the nature of community and political authority, aesthetic judgments and values, and other concepts central to the meaning and value of human existence. Through the study of primary texts and concrete issues, drawn from various historical periods and cultures, philosophy provides a means for reflection on actions, beliefs, and values while developing critical thinking, reading, and writing skills. Philosophy also strengthens the ability to reason, enlarges the imagination, and refines aesthetic sensitivity. A philosophical education thus offers excellent preparation for a broad range of careers that require critical intelligence and creative problem-solving as well as oral and written communication skills.

Offering both graduate (Ph.D. and M.A.) and undergraduate (B.A., B.S. and minors in Philosophy and in Ethics) degrees, the department is home to ongoing dialogues and inquiries across philosophical perspectives and academic disciplines.

Our graduate program produces first-rate scholars and teachers with a strong foundation in the history of philosophy, a well-rounded preparation in the diverse concerns of contemporary philosophy, and the skills to communicate effectively across different traditions and schools of thought.

Our thriving undergraduate program includes a major and minor in Philosophy as well as a minor in Ethics. Throughout our undergraduate curriculum, we encourage our students to become engaged, reflective citizens and lifelong learners while preparing them for careers in government, law, the non-profit sector, business, or higher education.

## Faculty

Ramón Alvarado, assistant professor of philosophy (data ethics, philosophy of computation, philosophy of technology). BA, 2011, University of Texas at El Paso; MA, 2014, University of Texas at El Paso; MA, 2017, University of Kansas; PhD, 2019, University of Kansas. (2019)

Steven Brence, senior instructor (social and political philosophy, philosophy of film, ethics). BS, 1989, MA, 1993, PhD, 2001, Oregon. (2001)

Miguel Gualdrón Ramírez, assistant professor (decolonial philosophy, gender-race constructions, resistance). BA, 2005, MA, 2009, Universidad Nacional de Colombia; PhD, 2019, DePaul. (2023)



Colin Koopman, professor (political philosophy, data politics, pragmatism, genealogy). BA, 1997, Evergreen State College; MA, 1999, Leeds; PhD, 2006, McMaster. (2010)

Bonnie Mann, professor (feminist, Continental). BA, 1983, Portland State; PhD, 2002, State University of New York, Stony Brook. (2003)

Cintia Martinez Velasco, assistant professor (Feminist philosophy, Gender theory, Decolonial philosophy, Latinx philosophy, Critical theory in Latin America). BA, 2010, MA, 2013, PhD, 2019, University of Mexico. (2022)

Erin McKenna, professor (feminist theory, American pragmatism). BA, 1987, Claremont McKenna College; MA, 1990, PhD, 1992, Purdue. (2016)

Nicolae Morar, associate professor (bioethics, philosophy of biology, ecology). BA, 2004, MA, 2005, Université Jean Moulin Lyon 3; PhD, 2011, Purdue. (2015)

Barbara Muraca, associate professor (environmental and social philosophy, process philosophy, feminist philosophy). MA, 1998, Turin; PhD, 2008, Greifswald. (2019)

Jacob P. Neal, assistant professor (epistemological, methodological, historical issues in the molecular life sciences). BA, BS, ???? , University of Richmond; MA, MS ???? , Maryland, Baltimore County; PhD, 2021, Pittsburgh. (2023)

Scott L. Pratt, professor of philosophy (American philosophy, history of philosophy, education). BA, 1981, Beloit; PhD, 1995, Minnesota. (1995)

Camisha Russell, associate professor (critical philosophy of race, bioethics, African American philosophy). BA, 2000, American; MA, 2008, Memphis; PhD, 2013, Penn State. (2017)

Beata Stawarska, professor (phenomenology, Continental, philosophical psychology). BA, 1992, MA, 1994, PhD, 2000, Louvain. (2003)

Alejandro Vallega, professor (Latin American philosophy, Continental philosophy, aesthetics). BA, 1993, Saint John's College; MA, 1996, Boston; PhD, 1999, Vienna. (2010)

Daniela Vallega-Neu, professor (19th- and 20th-century European philosophy, history of philosophy, phenomenology). BA, 1984, European School, Varese; MA, 1992, PhD, 1995, Universitat Freiburg. (2010)

Peter Warnek, associate professor (ancient philosophy, 19th- and 20th-century Continental philosophy, Kant). BA, 1986, Seattle; MA, 1990, Villanova; PhD, 1998, Vanderbilt. (1999)

## Emeriti

William E. Davie, associate professor emeritus. BA, 1964, Washington (Seattle); PhD, 1969, California, Irvine. (1968)

Mark Johnson, professor emeritus (cognitive science, metaphor theory, pragmatism). BA, 1971, Kansas; MA, 1972, PhD, 1977, Chicago. (1994)

Naomi Zack, professor (race, feminism, disaster). BA, 1966, New York University; PhD, 1970, Columbia. (2001)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Participating

Kristen Bell, Knight Law School

Joyce Cheng, history of art and architecture

Jeffrey S. Librett, German and Scandinavian

Lisa Mazzei, education studies

Jerry L. Rosiek, education studies

Steven Shankman, English

Michael Stern, German and Scandinavian

Mark T. Unno, religious studies

Malcolm Wilson, classics

## Undergraduate Programs

### Major - Bachelor's Degree

- Philosophy (BA/BS) (p. 143)

### Minors

- Ethics (p. 146)
- Philosophy (p. 146)

## Graduate Programs

### Major - Master's Degree

- Philosophy (MA) (p. 147)

### Major - Doctoral Degree

- Philosophy (PhD) (p. 148)

## Philosophy (BA/BS)

Philosophy engages fundamental questions concerning human identity, the nature of knowledge and reality, moral virtue and responsibility, the nature of community and political authority, aesthetic judgments and values, and other concepts central to the meaning and value of human existence.

Through the study of primary texts and concrete issues drawn from various historical periods and cultures, philosophy facilitates reflection on actions, beliefs, and values while developing critical thinking, reading, and writing skills. Philosophy also strengthens the ability to reason, enlarges the imagination, and refines aesthetic sensitivity.

With over 200 undergraduate majors and minors, the Philosophy major at the University of Oregon is one of the most vibrant in the country. Our program emphasizes the study of ethics, social and political philosophy, American philosophy, continental philosophy, feminist philosophy, philosophy of mind, the philosophy of race, the history of philosophy, and environmental philosophy.

The philosophy department provides a wide range of opportunities for majors outside the classroom. These include public lectures by prominent visiting philosophers as well as an undergraduate philosophy club. The department also routinely hosts regional, national, and international

conferences, and all undergraduates are invited and encouraged to participate in these events.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Delineate the history of Western philosophy and differentiate the main schools of thought, key authors, debates, terms, and methods, that emerged in the history of philosophy.
- Demonstrate critical thinking, reading, and writing skills through use of a broad range of research methods, including collaborative projects and scholarly essays that deal with primary and secondary sources in the literature and are written in an academic format.
- Present and assess views that differ from one's own, particularly perspectives relative to gender, race, class, and culture, including non-Western philosophical perspectives, within an inclusive classroom environment.
- Compare, contrast, and critique representative authors from various philosophical traditions and historical periods.
- Engage in philosophical inquiry that examines a broad range of topics such as human nature, the self and the community, political authority, morality, knowledge and reality, the arts, literature, film, the internet.
- Define and explain the various sub-disciplines within the field of philosophy, such as ethics, metaphysics, epistemology, aesthetics, philosophy of language, philosophical psychology, philosophy of law, environmental philosophy, social and political philosophy, and others, such as they are approached in within various philosophical fields of focus: Continental European, American and Latin American, Asian, feminist, critical race theory, and analytic.

Coursework for the major in philosophy must be passed with grades of C- or better or P (pass). No more than 8 credits may be taken pass/no pass.

## Philosophy Major Requirements

| Code                                                                                                                      | Title                                        | Credits |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------|
| PHIL 225                                                                                                                  | Introduction to Formal Logic                 | 4       |
| Select two of the following:                                                                                              |                                              | 8       |
| PHIL 310                                                                                                                  | History of Philosophy: Ancient and Medieval  |         |
| PHIL 311                                                                                                                  | History of Philosophy: Modern                |         |
| PHIL 312                                                                                                                  | History of Philosophy: 19th Century          |         |
| In addition to two of the three history of philosophy courses above, select two additional history or traditions courses: |                                              | 8       |
| PHIL 310                                                                                                                  | History of Philosophy: Ancient and Medieval  |         |
| PHIL 311                                                                                                                  | History of Philosophy: Modern                |         |
| PHIL 312                                                                                                                  | History of Philosophy: 19th Century          |         |
| PHIL 342                                                                                                                  | Introduction to Latin American Philosophy    |         |
| PHIL 415                                                                                                                  | Continental Philosophy: [Topic]              |         |
| PHIL 420                                                                                                                  | American Philosophy: [Topic]                 |         |
| Select two of the following:                                                                                              |                                              | 8       |
| PHIL 421                                                                                                                  | Ancient Philosophers: [Topic]                |         |
| PHIL 433                                                                                                                  | 17th- and 18th-Century Philosophers: [Topic] |         |
| PHIL 453                                                                                                                  | 19th-Century Philosophers: [Topic]           |         |
| PHIL 463                                                                                                                  | 20th-Century Philosophers: [Topic]           |         |
| Select one of the following:                                                                                              |                                              | 4       |

|                               |                                           |           |
|-------------------------------|-------------------------------------------|-----------|
| PHIL 110                      | Human Nature                              |           |
| PHIL 170                      | Love and Sex                              |           |
| PHIL 216                      | Philosophy and Cultural Diversity         |           |
| PHIL 315                      | Introduction to Feminist Philosophy       |           |
| PHIL 342                      | Introduction to Latin American Philosophy |           |
| PHIL 443                      | Feminist Philosophy: [Topic]              |           |
| PHIL 451                      | Native American Philosophy                |           |
| PHIL 452                      | Philosophy and Race                       |           |
| Additional philosophy courses |                                           | 20        |
| <b>Total Credits</b>          |                                           | <b>52</b> |

## Additional Requirements

- At least 40 credits must be upper-division (300- or 400-level)
- At least 20 upper-division credits must be from courses taken at the University of Oregon

## Honors in Philosophy

The philosophy honors program is designed to provide outstanding, highly motivated philosophy majors with the opportunity to develop their skills during the senior year through the independent exploration of a special topic of their own choosing under the guidance of a faculty mentor. To be eligible for admission to the honors program, students must have completed at least 24 credits in philosophy, at least 12 of which have been taken at the University of Oregon. The honors candidate's grade point average (GPA) in philosophy must be at least 3.50, maintained through graduation. To graduate with honors, the candidate must fulfill the following requirements:

## Courses

Besides the courses required of majors, a candidate for departmental honors must take at least 16 of the 52 credits in philosophy at the 400 level.

## Senior Thesis

The candidate must write an honors thesis under the guidance of a member of the philosophy faculty chosen as thesis advisor. The thesis must demonstrate the student's ability to formulate a significant research problem, research primary resources, interpret sources with imagination and technical skill, and present the finished work in a form meeting professional standards in philosophy. The thesis must be approved by a thesis committee consisting of two faculty members from the philosophy department. Approval of the thesis depends in part on a public defense attended by the committee.

Upon fulfilling these requirements, the candidate is approved to receive a bachelor's degree with honors in philosophy.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Philosophy

| Course            | Title                  | Credits | Milestones |
|-------------------|------------------------|---------|------------|
| <b>First Year</b> |                        |         |            |
| <b>Fall</b>       |                        |         |            |
| PHIL 101          | Philosophical Problems |         | 4          |

|                                                   |   |
|---------------------------------------------------|---|
| PHIL 101 or any 100/200 level class               |   |
| First term of first-year second-language sequence | 4 |
| WR 121Z Composition I                             | 4 |
| General-education science course                  | 4 |

**Credits 16**

#### Winter

|                                                    |   |
|----------------------------------------------------|---|
| PHIL 102 Ethics                                    | 4 |
| PHIL 102 or any 100/200 level class                |   |
| Second term of first-year second-language sequence | 4 |
| WR 122Z Composition II                             | 4 |
| General-education arts and letters course          | 4 |

**Credits 16**

#### Spring

|                                                   |   |
|---------------------------------------------------|---|
| PHIL 103 Critical Reasoning                       | 4 |
| PHIL 103 or any 100/200 level class               |   |
| Third term of first-year second-language sequence | 4 |
| General-education social science course           | 4 |
| General-education science course                  | 4 |

**Credits 16**

**Total Credits 48**

**Course Title Credits Milestones**

#### Second Year

##### Fall

|                                                                     |   |
|---------------------------------------------------------------------|---|
| PHIL 310 History of Philosophy: Ancient and Medieval                | 4 |
| one of PHIL 310, 311, or 312                                        |   |
| First term of second-year second-language sequence                  | 4 |
| Multicultural course in American cultures or international cultures | 4 |
| General-education science course                                    | 4 |

**Credits 16**

##### Winter

|                                                                     |   |
|---------------------------------------------------------------------|---|
| PHIL 311 History of Philosophy: Modern                              | 4 |
| one of PHIL 310, 311, or 312                                        |   |
| Second term of second-year second-language sequence                 | 4 |
| 100- or 200-level PHIL course                                       | 4 |
| Multicultural course in American cultures or international cultures | 4 |

**Credits 16**

##### Spring

|                                                    |   |
|----------------------------------------------------|---|
| PHIL 312 History of Philosophy: 19th Century       | 4 |
| one of 310, 311, 312, 342, 415, or 420             |   |
| PHIL 225 Introduction to Formal Logic              | 4 |
| Third term of second-year second-language sequence | 4 |
| General-education arts and letters course          | 4 |

**Credits 16**

**Total Credits 48**

**Course Title Credits Milestones**

#### Third Year

##### Fall

|                                                |   |
|------------------------------------------------|---|
| PHIL 453 19th-Century Philosophers: [Topic]    | 4 |
| General-education social science course        | 4 |
| General-education science course               | 4 |
| Multicultural course in international cultures | 4 |

**Credits 16**

##### Winter

|                                             |   |
|---------------------------------------------|---|
| PHIL 463 20th-Century Philosophers: [Topic] | 4 |
| 300- or 400-level PHIL course               | 4 |
| General-education arts and letters course   | 4 |
| General-education social science course     | 4 |

**Credits 16**

##### Spring

|                                          |   |
|------------------------------------------|---|
| 300- or 400-level PHIL course            | 4 |
| one of PHIL 310, 311, 312, 342, 415, 420 |   |
| General-education science course         | 4 |
| Elective course                          | 4 |

**Credits 12**

**Total Credits 44**

**Course Title Credits Milestones**

#### Fourth Year

##### Fall

|                               |   |
|-------------------------------|---|
| 300- or 400-level PHIL course | 4 |
| Elective courses              | 8 |

**Credits 12**

##### Winter

|                  |    |
|------------------|----|
| Elective courses | 16 |
|------------------|----|

**Credits 16**

##### Spring

|                               |   |
|-------------------------------|---|
| 300- or 400-level PHIL course | 4 |
| Elective courses              | 8 |

**Credits 12**

**Total Credits 40**

## Bachelor of Science in Philosophy

**Course Title Credits Milestones**

#### First Year

##### Fall

|                                  |   |
|----------------------------------|---|
| PHIL 101 Philosophical Problems  | 4 |
| Mathematics course               | 4 |
| WR 121Z Composition I            | 4 |
| General-education science course | 4 |

**Credits 16**

##### Winter

|                                           |   |
|-------------------------------------------|---|
| PHIL 102 Ethics                           | 4 |
| Mathematics course                        | 4 |
| WR 122Z Composition II                    | 4 |
| General-education arts and letters course | 4 |

**Credits 16**

**Spring**

|                                         |                    |   |
|-----------------------------------------|--------------------|---|
| PHIL 103                                | Critical Reasoning | 4 |
| Mathematics course                      |                    | 4 |
| General-education social science course |                    | 4 |
| General-education science course        |                    | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                                                     |                                             |   |
|---------------------------------------------------------------------|---------------------------------------------|---|
| PHIL 310                                                            | History of Philosophy: Ancient and Medieval | 4 |
| Elective course                                                     |                                             | 4 |
| General-education science course                                    |                                             | 4 |
| Multicultural course in American cultures or international cultures |                                             | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|                                                                     |                               |   |
|---------------------------------------------------------------------|-------------------------------|---|
| PHIL 311                                                            | History of Philosophy: Modern | 4 |
| 100- or 200-level PHIL course                                       |                               | 4 |
| Elective course                                                     |                               | 4 |
| Multicultural course in American cultures or international cultures |                               | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|                                           |                                     |   |
|-------------------------------------------|-------------------------------------|---|
| PHIL 312                                  | History of Philosophy: 19th Century | 4 |
| Elective course                           |                                     | 4 |
| General-education arts and letters course |                                     | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>44</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                                |                                    |   |
|------------------------------------------------|------------------------------------|---|
| PHIL 453                                       | 19th-Century Philosophers: [Topic] | 4 |
| General-education social science course        |                                    | 4 |
| General-education science course               |                                    | 4 |
| Multicultural course in international cultures |                                    | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|                                           |                                    |   |
|-------------------------------------------|------------------------------------|---|
| PHIL 463                                  | 20th-Century Philosophers: [Topic] | 4 |
| 300- or 400-level PHIL course             |                                    | 4 |
| General-education arts and letters course |                                    | 4 |
| General-education social science course   |                                    | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|                                  |  |   |
|----------------------------------|--|---|
| 300- or 400-level PHIL course    |  | 4 |
| General-education science course |  | 4 |
| Elective course                  |  | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>44</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                               |   |
|-------------------------------|---|
| 300- or 400-level PHIL course | 4 |
| Elective courses              | 8 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Winter**

|                  |    |
|------------------|----|
| Elective courses | 16 |
|------------------|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|                               |   |
|-------------------------------|---|
| 300- or 400-level PHIL course | 4 |
| Elective courses              | 8 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>40</b> |
|----------------------|-----------|

## Philosophy Minor

Philosophy engages fundamental questions concerning human identity, the nature of knowledge and reality, moral virtue and responsibility, the nature of community and political authority, aesthetic judgments and values, and other concepts central to the meaning and value of human existence. Our program emphasizes the study of ethics, social and political philosophy, American philosophy, continental philosophy, feminist philosophy, philosophy of mind, the philosophy of race, the history of philosophy, and environmental philosophy.

## Philosophy Minor Requirements

| Code | Title | Credits |
|------|-------|---------|
|------|-------|---------|

|                              |   |
|------------------------------|---|
| Select two of the following: | 8 |
|------------------------------|---|

|          |                                             |
|----------|---------------------------------------------|
| PHIL 310 | History of Philosophy: Ancient and Medieval |
|----------|---------------------------------------------|

|          |                               |
|----------|-------------------------------|
| PHIL 311 | History of Philosophy: Modern |
|----------|-------------------------------|

|          |                                     |
|----------|-------------------------------------|
| PHIL 312 | History of Philosophy: 19th Century |
|----------|-------------------------------------|

|                                              |   |
|----------------------------------------------|---|
| Course on the work of a specific philosopher | 4 |
|----------------------------------------------|---|

|          |                               |
|----------|-------------------------------|
| PHIL 421 | Ancient Philosophers: [Topic] |
|----------|-------------------------------|

|          |                                              |
|----------|----------------------------------------------|
| PHIL 433 | 17th- and 18th-Century Philosophers: [Topic] |
|----------|----------------------------------------------|

|          |                                    |
|----------|------------------------------------|
| PHIL 453 | 19th-Century Philosophers: [Topic] |
|----------|------------------------------------|

|          |                                    |
|----------|------------------------------------|
| PHIL 463 | 20th-Century Philosophers: [Topic] |
|----------|------------------------------------|

|                                  |   |
|----------------------------------|---|
| Upper-division philosophy course | 4 |
|----------------------------------|---|

|                                   |   |
|-----------------------------------|---|
| Two additional philosophy courses | 8 |
|-----------------------------------|---|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>24</b> |
|----------------------|-----------|

Courses must be passed with grades of C– or better or P (pass). No more than 8 credits may be taken pass/no pass.

## Ethics Minor

**Erin McKenna, Director**

237 Susan Campbell Hall

1295 University of Oregon

Eugene, OR 97403-1295

541-346-5547

541-346-5544 fax

ethicsminor@uoregon.edu

The minor in ethics gives students tools for critically reflecting on moral questions. Students choose ethics-related courses from the Department of Philosophy, in topics such as medical ethics, internet ethics, and moral theory. Students who complete the minor in ethics will have skills in critical thinking and social engagement and be prepared to take on the major moral challenges of the 21st century.

## Ethics Minor Requirements

| Code                                                                                                | Title                                     | Credits   |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------|-----------|
| PHIL 102                                                                                            | Ethics                                    | 4         |
| or PHIL 323                                                                                         | Moral Theory                              |           |
| Five ethics-related courses chosen from the following (or from additional rotating topics courses): |                                           | 20        |
| PHIL 102                                                                                            | Ethics                                    |           |
| PHIL 120                                                                                            | Ethics of Enterprise and Exchange         |           |
| PHIL 123                                                                                            | Internet, Society, and Philosophy         |           |
| PHIL 130                                                                                            | Philosophy and Popular Culture            |           |
| PHIL 135                                                                                            | Ethics in the Life Sciences               |           |
| PHIL 170                                                                                            | Love and Sex                              |           |
| PHIL 216                                                                                            | Philosophy and Cultural Diversity         |           |
| PHIL 220                                                                                            | Food Ethics                               |           |
| PHIL 223                                                                                            | Data Ethics                               |           |
| PHIL 307                                                                                            | Social and Political Philosophy           |           |
| PHIL 308                                                                                            | Social and Political Philosophy: [Topic]  |           |
| PHIL 309                                                                                            | Global Justice                            |           |
| PHIL 315                                                                                            | Introduction to Feminist Philosophy       |           |
| PHIL 323                                                                                            | Moral Theory                              |           |
| PHIL 335                                                                                            | Medical Ethics                            |           |
| PHIL 340                                                                                            | Environmental Philosophy                  |           |
| PHIL 342                                                                                            | Introduction to Latin American Philosophy |           |
| PHIL 343                                                                                            | Critical Theory                           |           |
| PHIL 344                                                                                            | Introduction to Philosophy of Law         |           |
| ENVS 345                                                                                            | Environmental Ethics                      |           |
| PHIL 443                                                                                            | Feminist Philosophy: [Topic]              |           |
| PHIL 451                                                                                            | Native American Philosophy                |           |
| PHIL 452                                                                                            | Philosophy and Race                       |           |
| <b>Total Credits</b>                                                                                |                                           | <b>24</b> |

- Philosophy majors are allowed to complete the Ethics minor with a maximum of a two-course overlap.

Courses must be passed with grades of C– or better or P (pass). No more than 8 credits may be taken pass/no pass. Twelve credits must be taken at the upper-division level, 4 credits of which must be at the 400 level.

A minimum of 12 upper-division credits must be taken in residence at the University of Oregon.

Students minoring in ethics and also pursuing either a minor in philosophy or a major in philosophy may have a maximum two-course overlap between their ethics minor courses and their philosophy major/minor courses.

## Philosophy (MA)

The department offers a graduate program leading to the master of arts (MA) and the doctor of philosophy (PhD) degrees. The program, which is pluralistic in orientation, requires students to develop a broad knowledge of the history of philosophy, major fields, and various approaches and methods. Students are urged to concentrate in a specific area at the advanced level. Specializations are supported in American philosophy, Continental philosophy, feminist philosophy, Latin American philosophy, philosophy of race, philosophical psychology, and environmental philosophy.

Our program is known for its pluralism, close mentoring relationships between graduate students and faculty, a faculty committed to teaching excellence as well as research, supportive rather than competitive relationships among graduate students, and professionally active and successful graduate students.

The department and faculty have particular strengths in a range of traditions and fields of focus. The program requires students to develop a broad knowledge of the history of philosophy, major fields, and various approaches and methods. We also welcome interdisciplinary approaches. Students are expected to concentrate in a specific area at the advanced level.

Each student designs a program in consultation with a faculty adviser. Two or more years are typically required to complete the master's degree and five or six years for the doctorate.

## Program's Admission Requirements

Please visit the program's website ([https://philosophy.uoregon.edu/graduate/how\\_to\\_apply/](https://philosophy.uoregon.edu/graduate/how_to_apply/)).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Represent the pluralistic orientation of philosophy including the four major traditions of inquiry: Continental European, American, Feminist, and Analytic.
- Delineate the history of Western philosophy, including the main eras: Ancient, Modern, 19th C., 20th and 21st C.
- Develop expertise in any combination of the sub-disciplines within the field of philosophy, such as ethics, data ethics, bioethics, metaphysics, epistemology, aesthetics, philosophy of language, philosophy of race, decolonial philosophy, social and political philosophy, critical theory, philosophical psychology, environmental philosophy, and others.
- Deepen an understanding of the three disciplinary fields: Society and Value; Knowledge, Rationality and Inquiry; Metaphysics.
- Develop familiarity with non-western and non-hegemonic philosophies, such as Native American and Latin American Philosophy, and Philosophy of Race.
- Develop proficiency in a second language relevant to their area of research.
- Develop proficiency in logic.
- Specialize in specific philosophical areas at an advanced research level by researching relevant primary and secondary literature, designing, and writing a doctoral dissertation or a master's thesis.



## Philosophy Major

There are two paths to earning a master's degree. The first requires completion of the second-language requirement and 48 credit hours of graduate course work including the distribution requirements (listed below). The second requires satisfaction of the second-language requirement, completing 45 credits of graduate course work—9 of which are taken in Thesis (PHIL 503)—and the writing of a master's thesis under the direction of a thesis advisor with a second faculty reader.

The distribution requirements may be satisfied by receiving a mid-B or better.

- History Requirements (3 courses)
- Traditions Requirements (4 courses)
- Emerging and Engaged Philosophies Requirements (3 courses)

## Coursework Track

| Code                                                               | Title                                                        | Credits   |
|--------------------------------------------------------------------|--------------------------------------------------------------|-----------|
| <b>History Requirements</b> *                                      |                                                              |           |
| One course from each of the following:                             |                                                              | 12        |
|                                                                    | Course from ancient period (PHIL 521)                        |           |
|                                                                    | Course from modern (16th-18th centuries) period (PHIL 533) * |           |
|                                                                    | Course from 19th century (PHIL 553)                          |           |
| <b>Traditions Requirements</b>                                     |                                                              |           |
| One course about continental philosophical traditions <sup>1</sup> |                                                              | 4         |
| One course about analytic philosophic traditions <sup>1</sup>      |                                                              | 4         |
| One course about American philosophical traditions <sup>1</sup>    |                                                              | 4         |
| One course about feminist philosophical traditions <sup>1</sup>    |                                                              | 4         |
| <b>Emerging and Engaged Philosophies</b> *                         |                                                              |           |
| Two courses in Emerging Philosophies                               |                                                              | 8         |
| PHIL 551                                                           | Native American Philosophy                                   |           |
| PHIL 643                                                           | Feminist Philosophy: [Topic]                                 |           |
| PHIL 657                                                           | Philosophy and Race: Contemporary Issues                     |           |
| One course in Engaged Philosophies                                 |                                                              | 4         |
| PHIL 623                                                           | Data Ethics                                                  |           |
| PHIL 645                                                           | Environmental Philosophy: [Topic]                            |           |
| <b>Electives</b>                                                   |                                                              | 8         |
| <b>Total Credits</b>                                               |                                                              | <b>48</b> |

<sup>1</sup> Usually satisfied by taking the Advanced Introduction in each area (571, 572, 573, 574).

\* May be filled by topics courses.

## Note on criteria for multiple fulfillment:

Graduate courses may be listed as counting toward the simultaneous fulfillment of multiple categories of distribution simultaneously, though this is possible for only some of the categories. A course may count toward one Historical Period while also fulfilling a Philosophical Tradition or a course in Emerging and Engaged Philosophies. Courses may count toward either a Philosophical Tradition or the Emerging and Engaged requirement, but no course may count toward both of these requirements at once. For example, a course in nineteenth-century feminist philosophy can count toward either the requirement in the Feminist Tradition or in Emerging and Engaged Philosophies (but not both) and at the same time fulfill a requirement for Historical Periods. When a course is listed so as

to provide an option for fulfillment of either the Traditions or Emergent & Engaged requirements, students must choose which requirement the course is to fulfill.

## Thesis Track

| Code                                                      | Title  | Credits   |
|-----------------------------------------------------------|--------|-----------|
| PHIL 503                                                  | Thesis | 9         |
| Additional graduate-level philosophy courses <sup>1</sup> |        | 36        |
| <b>Total Credits</b>                                      |        | <b>45</b> |

<sup>1</sup> The Thesis track must still follow the Distribution Requirements above.

The student asks two faculty members to serve as his or her master's committee, with one agreeing to serve as chair. The student prepares a short (maximum five pages) description of the proposed thesis topic. Once both committee members have approved the thesis proposal, the student registers for as many as 9 credits of Thesis (PHIL 503) during the one or two terms over which the thesis is written. Typically, the committee chair meets periodically with the student to assess progress and to oversee the writing of the thesis. When both members of the thesis committee agree that the thesis is suitable for a final defense, the candidate schedules a one-hour oral examination, during which the committee members ask questions about the argument and make suggestions for further revision, if necessary. The thesis is completed when it is given final approval by both members of the committee and is accepted by the Division of Graduate Studies as satisfying its requirements for thesis preparation.

## Philosophy (PhD)

The department offers a graduate program leading to the master of arts (MA) and the doctor of philosophy (PhD) degrees. The program, which is pluralistic in orientation, requires students to develop a broad knowledge of the history of philosophy, major fields, and various approaches and methods. Students are urged to concentrate in a specific area at the advanced level. Specializations are supported in American philosophy, Continental philosophy, feminist philosophy, Latin American philosophy, philosophy of race, philosophical psychology, and environmental philosophy.

Our program is known for its pluralism, close mentoring relationships between graduate students and faculty, a faculty committed to teaching excellence as well as research, supportive rather than competitive relationships among graduate students, and professionally active and successful graduate students.

The department and faculty have particular strengths in a range of traditions and fields of focus. The program requires students to develop a broad knowledge of the history of philosophy, major fields, and various approaches and methods. We also welcome interdisciplinary approaches. Students are expected to concentrate in a specific area at the advanced level.

Each student designs a program in consultation with a faculty adviser. Two or more years are typically required to complete the master's degree and five or six years for the doctorate.

## Program's Admission Requirements

Please visit the program's website ([https://philosophy.uoregon.edu/graduate/how\\_to\\_apply/](https://philosophy.uoregon.edu/graduate/how_to_apply/)).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Represent the pluralistic orientation of philosophy including the four major traditions of inquiry: Continental European, American, Feminist, and Analytic.
- Delineate the history of Western philosophy, including the main eras: Ancient, Modern, 19th C., 20th and 21st C.
- Develop expertise in any combination of the sub-disciplines within the field of philosophy, such as ethics, data ethics, bioethics, metaphysics, epistemology, aesthetics, philosophy of language, philosophy of race, decolonial philosophy, social and political philosophy, critical theory, philosophical psychology, environmental philosophy, and others.
- Deepen an understanding of the three disciplinary fields: Society and Value; Knowledge, Rationality and Inquiry; Metaphysics.
- Develop familiarity with non-western and non-hegemonic philosophies, such as Native American and Latin American Philosophy, and Philosophy of Race.
- Develop proficiency in a second language relevant to their area of research.
- Develop proficiency in logic.
- Deepen the knowledge of main topics in the history of philosophy by producing an independent research paper (PhD students).
- Specialize in specific philosophical areas at an advanced research level by researching relevant primary and secondary literature, designing, and writing a doctoral dissertation or a master's thesis.

## Doctor of Philosophy in Philosophy

Students must complete at least 81 graduate credits, of which at least 18 must be dissertation research credits. As part of the requirements for completing the PhD, students must also take at least *twelve* 4-credit graduate courses within the department of philosophy. Students must complete the course distribution requirements, demonstrate proficiency in a second language and pass two comprehensive examinations, which in our program are extensive research projects — one in the history of philosophy (the 'history paper') and one in the student's intended area of research specialization (the literature review). Most students finish their doctoral degrees within five to six years. The Division of Graduate Studies imposes a limit of seven years for completion of the PhD degree.

The distribution requirements may be satisfied by receiving a mid-B or better in

- History Requirements (3 courses)
- Traditions Requirements (4 courses)
- Emerging and Engaged Philosophies Requirements (3 courses total)
- Logic Requirement (1 course)
- In the first year of employment as a GE, graduate students must also complete a total of 3 credits by enrolling in a one-credit professionalization pro-seminar on teaching for all three terms of the regular academic year.

| Code                                   | Title | Credits   |
|----------------------------------------|-------|-----------|
| <b>History Requirements *</b>          |       | <b>12</b> |
| One course from each of the following: |       |           |
| Course from ancient period (PHIL 521)  |       |           |

Course from modern (16th-18th centuries) period (PHIL 533)

Course from 19th century (PHIL 553)

### Traditions Requirements

|                                                                     |   |
|---------------------------------------------------------------------|---|
| One courses about continental philosophical traditions <sup>1</sup> | 4 |
| One courses about analytic philosophic traditions <sup>1</sup>      | 4 |
| One courses about American philosophical traditions <sup>1</sup>    | 4 |
| One courses about feminist philosophical traditions <sup>1</sup>    | 4 |

### Engaged and Emerging Philosophy \*

|                                                   |   |
|---------------------------------------------------|---|
| Two courses in Emerging Philosophies              | 8 |
| PHIL 551 Native American Philosophy               |   |
| PHIL 643 Feminist Philosophy: [Topic]             |   |
| PHIL 657 Philosophy and Race: Contemporary Issues |   |
| One course in Engaged Philosophies                | 4 |
| PHIL 623 Data Ethics                              |   |
| PHIL 645 Environmental Philosophy: [Topic]        |   |

### Logic

|                                                  |   |
|--------------------------------------------------|---|
| One course in advanced symbolic logic (PHIL 526) | 4 |
|--------------------------------------------------|---|

### Teaching Seminar

|                                    |   |
|------------------------------------|---|
| Three one-credit teaching seminars | 3 |
|------------------------------------|---|

### Dissertation

|                       |    |
|-----------------------|----|
| PHIL 603 Dissertation | 18 |
|-----------------------|----|

|                  |           |
|------------------|-----------|
| <b>Electives</b> | <b>16</b> |
|------------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>81</b> |
|----------------------|-----------|

<sup>1</sup> The traditions requirement is usually fulfilled by completing the Advanced Introductory course in the area (571, 572, 573, 574).

\* May be filled by topics courses.

## Note on criteria for multiple fulfillment:

Graduate courses may be listed as counting toward the simultaneous fulfillment of multiple categories of distribution simultaneously, though this is possible for only *some* of the categories. A course may count toward one Historical Period while also fulfilling a Philosophical Tradition or a course in Emerging and Engaged Philosophies. Courses may count toward *either* a Philosophical Tradition *or* the Emerging and Engaged requirement, but no course may count toward both of these requirements at once. For example, a course in nineteenth-century feminist philosophy can count toward either the requirement in the Feminist Tradition or in Emerging and Engaged Philosophies (but not both) and at the same time fulfill a requirement for Historical Periods. When a course is listed so as to provide an option for fulfillment of either the Traditions or Emergent & Engaged requirements, students must choose which requirement the course is to fulfill.

## Additional Requirements

The comprehensive examinations are passed by completing two substantial research papers under the supervision of faculty members. Students are advanced to candidacy upon completion of the comprehensives. A dissertation prospectus must be accepted by the candidate's committee after a preliminary oral examination. The written dissertation must receive the approval of the dissertation committee after a final oral examination.

## Religious Studies

### Mark Unno, Department Head

311 Susan Campbell Hall  
1294 University of Oregon  
Eugene, Oregon 97403-1294  
541-346-4971  
541-346-4118 fax  
religion@uoregon.edu

The Department of Religious Studies offers courses about the teachings and practices of the world's religions from an academic perspective. Courses focus on the history of religions including their origins, sacred texts, rituals and practices, beliefs, and subgroups. These courses provide a broad understanding of the nature and role of religion in the world's many cultures, present and past, for students in all fields, as well as integrated programs for majors in religious studies.

From antiquity to the present, religion has provided a vocabulary for individuals to confront ultimate questions about the meaning of life. At the societal level, religion drives the formation of community and conflict. The rise of militant Buddhism in Myanmar, the role of Evangelicals in US politics, and the struggle for legitimacy among contemporary Muslims are only a few contemporary examples of the relevance of religious studies. Understanding the role of religion is critical for analyzing socio-political forces shaping the world today.

An undergraduate major in religious studies can lead to graduate programs in religious studies—either academic or professional—as well as other related areas of graduate studies such as history, sociology, folklore, and various area studies (e.g., Middle East studies, East Asian languages and literatures).

Students with a bachelor of arts in religious studies have had success in various professional fields such as religion, journalism, social work, education, business, and law.

## Faculty

Frederick Colby, associate professor (Islam). BA, 1991, Haverford College; MA, 1995, Chicago; PhD, 2002, Duke. (2008)

Hanan Elsherif, senior instructor (Arabic). BA, 1993, MA, 2002, PhD, 2009, Minia. (2011)

Deborah A. Green, associate professor (history and literature of Judaism, biblical studies). BA 1984, Brandeis University; MA 1997, University of Chicago; PhD 2003, University of Chicago. (2003)

Luke Habberstad, assistant professor. BA, 2003, Yale; MA, 2007, PhD, 2014, California, Berkeley. (2014)

David Hollenberg, associate professor (Arabic). BA, 1990, Wesleyan; MA, 1996, California, Santa Barbara; PhD, 2006, Pennsylvania. (2010)

Jeffrey Schroeder, assistant professor (religion and modern Asia). BA, 2005, MA, 2009, Reed; MA, 2009, Duke; PhD, 2015, Duke. (2017)

Stephen J. Shoemaker, professor (history of Christianity). BA, 1991, Emory; MA, 1994, PhD, 1997, Duke. (2000)

Mark T. Unno, associate professor (East Asian religions, Buddhism). BA, 1987, Oberlin; MA, 1991, PhD, 1994, Stanford. (2000)

## Emeriti

Judith R. Baskin, professor emerita. BA, 1971, Antioch; PhD, 1976, Yale. (2000)

Hee-Jin Kim, professor emeritus. BA, 1957, MA, 1958, California, Berkeley; PhD, 1966, Claremont. (1973)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Participating

Andrew E. Goble, history

Akiko Walley, history of art and architecture

Anita M. Weiss, international studies

Daniel N. Wojcik, English

## Undergraduate Programs

### Major - Bachelor's Degree

- Religious Studies (BA/BS) (p. 150)

### Minors

- Arabic Studies (p. 153)
- Religious Studies (p. 153)

## Religious Studies (BA/BS)

From antiquity to the present, religion has provided a vocabulary for individuals to confront ultimate questions about the meaning of life. Understanding the role of religion is critical for analyzing socio-political forces shaping the world. A major in religious studies provides training for any humanitarian profession. Recent graduates have gone on to study law, medicine, and journalism; work in social service organizations; and pursue graduate study in a variety of disciplines. The skills students hone as majors—critical reading, analytical thinking, and writing—along with knowledge of global religious traditions, serves them well in whatever career path they choose.

The Department of Religious Studies offers courses about the teachings and practices of the world's major religions from an academic perspective. Courses focus on the history and philosophy of religions including their origins, sacred texts, rituals and practices, beliefs, and subgroups. The courses provide a broad understanding of the nature and role of religion in the world's many cultures, present and past, for students in all fields, as well as integrated programs for majors in religious studies.

The religious studies department offers courses that reflect the research expertise of the faculty. Students can enroll in classes ranging from "Early Judaism," to "The Dark Self: East and West," and "War, Terrorism, and Religion." Many religious studies seminars are small, limited to fifteen students, allowing for deep exploration of the material and low student to professor ratios. For a full list of regular course offerings, follow the "courses" link on the right.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Identify, describe, and explain a wide diversity of religious phenomena in their historical, social, political, and cultural contexts.
- Discuss diverse religious phenomena with others in a well-informed, critical, and respectful manner.
- Read and critically evaluate current scholarly literature on method and theory in the academic study of religion.
- Read and critically analyze primary and secondary sources from and about diverse religious traditions, applying appropriate theoretical and methodological tools in the academic study of religion.
- In speech and writing, make an effective and valid argument about religion: one that successfully establishes a premise and supports the premise with appropriate and persuasive evidence.

Courses used to satisfy major requirements must be taken for letter grades and passed with a mid-C or better.

## Religious Studies Major Requirements

| Code                                                            | Title           | Credits   |
|-----------------------------------------------------------------|-----------------|-----------|
| REL 101–102                                                     | World Religions | 8         |
| Electives in religious studies or additional courses            |                 | 8         |
| Upper-division religious studies courses (Must include REL 411) |                 | 16        |
| Upper-division courses (see Additional Courses list)            |                 | 12        |
| <b>Total Credits</b>                                            |                 | <b>44</b> |

## Additional Courses

| Code                                   | Title                                       | Credits |
|----------------------------------------|---------------------------------------------|---------|
| <b>Folklore</b>                        |                                             |         |
| FLR 350                                | Folklore and the Bible                      | 4       |
| FLR 411                                | Folklore and Religion                       | 4       |
| <b>History</b>                         |                                             |         |
| HIST 320                               | High Middle Ages in Europe                  | 4       |
| HIST 321                               | Late Middle Ages in Europe                  | 4       |
| HIST 441                               | 16th-Century European Reformations          | 4       |
| HIST 498                               | Early Japanese Culture and Society: [Topic] | 4       |
| <b>History of Art and Architecture</b> |                                             |         |
| ARH 321                                | Ancient Jewish Art                          | 4       |
| ARH 387                                | Chinese Buddhist Art                        | 4       |
| <b>International Studies</b>           |                                             |         |
| GLBL 423                               | Development and the Muslim World            | 4       |
| <b>Judaic Studies</b>                  |                                             |         |
| JDST 212                               | Medieval and Early Modern Judaism           | 4       |
| JDST 213                               | The Jewish Encounter with Modernity         | 4       |
| <b>Philosophy</b>                      |                                             |         |
| PHIL 320                               | Philosophy of Religion                      | 4       |

## Honors in Religious Studies

Requirements for a degree with honors in religious studies typically include the following:

1. Satisfaction of the requirements for a major
2. A cumulative grade point average of 3.80 in courses taken to satisfy the major requirements
3. Formal approval of the department

The candidate for honors shall request approval no later than the second week of fall term in the senior year. Students are strongly encouraged to meet with the undergraduate advisor before applying. Application forms are available in the department office.

A faculty committee supervises the honors thesis project. Candidates typically register for 3 credits of Research: [Topic] (REL 401) for both fall and winter terms of the senior year to prepare for writing the thesis. Contingent on satisfactory progress, the candidate then enrolls for 4 credits of Thesis (REL 403) spring term. A first draft of the thesis must be submitted six weeks before the end of spring term and the final draft two weeks after that.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Religious Studies

| Course                                                                   | Title                                               | Credits   | Milestones |
|--------------------------------------------------------------------------|-----------------------------------------------------|-----------|------------|
| <b>First Year</b>                                                        |                                                     |           |            |
| <b>Fall</b>                                                              |                                                     |           |            |
| REL 101                                                                  | World Religions: Asian Traditions                   | 4         |            |
| WR 121Z                                                                  | Composition I                                       | 4         |            |
| First term of first-year second-language sequence                        |                                                     | 5         |            |
| Elective course                                                          |                                                     | 4         |            |
| <b>Credits</b>                                                           |                                                     | <b>17</b> |            |
| <b>Winter</b>                                                            |                                                     |           |            |
| REL 102                                                                  | World Religions: Near Eastern Traditions            | 4         |            |
| WR 122Z                                                                  | Composition II or WR 123 or College Composition III | 4         |            |
| Second term of first-year second-language sequence                       |                                                     | 5         |            |
| General-education course that also satisfies a multicultural requirement |                                                     | 4         |            |
| <b>Credits</b>                                                           |                                                     | <b>17</b> |            |
| <b>Spring</b>                                                            |                                                     |           |            |
| Third term of first-year second-language sequence                        |                                                     | 5         |            |
| General-education course in arts and letters                             |                                                     | 4         |            |
| General-education course in science                                      |                                                     | 4         |            |
| Lower-division elective for major                                        |                                                     | 4         |            |
| <b>Credits</b>                                                           |                                                     | <b>17</b> |            |
| <b>Total Credits</b>                                                     |                                                     | <b>51</b> |            |
| Course                                                                   | Title                                               | Credits   | Milestones |
| <b>Second Year</b>                                                       |                                                     |           |            |
| <b>Fall</b>                                                              |                                                     |           |            |
| First term of second-year second-language sequence                       |                                                     | 4         |            |
| General-education course in arts and letters                             |                                                     | 4         |            |
| General-education course in social science                               |                                                     | 4         |            |
| General-education course that also satisfies a multicultural requirement |                                                     | 4         |            |
| <b>Credits</b>                                                           |                                                     | <b>16</b> |            |

**Winter**

|                                                     |   |
|-----------------------------------------------------|---|
| Second term of second-year second-language sequence | 4 |
|-----------------------------------------------------|---|

|                                              |   |
|----------------------------------------------|---|
| General-education course in arts and letters | 4 |
|----------------------------------------------|---|

|                                            |   |
|--------------------------------------------|---|
| General-education course in social science | 4 |
|--------------------------------------------|---|

|                                     |   |
|-------------------------------------|---|
| General-education course in science | 4 |
|-------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|                                                    |   |
|----------------------------------------------------|---|
| Third term of second-year second-language sequence | 4 |
|----------------------------------------------------|---|

|                                              |   |
|----------------------------------------------|---|
| General-education course in arts and letters | 4 |
|----------------------------------------------|---|

|                                            |   |
|--------------------------------------------|---|
| General-education course in social science | 4 |
|--------------------------------------------|---|

|                                     |   |
|-------------------------------------|---|
| General-education course in science | 4 |
|-------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                             |   |
|---------------------------------------------|---|
| Upper-division course with REL subject code | 4 |
|---------------------------------------------|---|

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|                                     |   |
|-------------------------------------|---|
| General-education course in science | 4 |
|-------------------------------------|---|

|                          |   |
|--------------------------|---|
| General-education course | 4 |
|--------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|                                             |   |
|---------------------------------------------|---|
| Upper-division course with REL subject code | 4 |
|---------------------------------------------|---|

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|                                            |   |
|--------------------------------------------|---|
| General-education course in social science | 4 |
|--------------------------------------------|---|

|                 |   |
|-----------------|---|
| Elective course | 4 |
|-----------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|                                             |   |
|---------------------------------------------|---|
| Upper-division course with REL subject code | 4 |
|---------------------------------------------|---|

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|                  |   |
|------------------|---|
| Elective courses | 8 |
|------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                             |   |
|---------------------------------------------|---|
| Upper-division course with REL subject code | 4 |
|---------------------------------------------|---|

|                  |   |
|------------------|---|
| Elective courses | 8 |
|------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Winter**

|                                             |   |
|---------------------------------------------|---|
| Upper-division course with REL subject code | 4 |
|---------------------------------------------|---|

|                  |   |
|------------------|---|
| Elective courses | 8 |
|------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Spring**

|                  |    |
|------------------|----|
| Elective courses | 12 |
|------------------|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>36</b> |
|----------------------|-----------|

**Bachelor of Science in Religious Studies**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|         |                                   |   |
|---------|-----------------------------------|---|
| REL 101 | World Religions: Asian Traditions | 4 |
|---------|-----------------------------------|---|

|         |               |   |
|---------|---------------|---|
| WR 121Z | Composition I | 4 |
|---------|---------------|---|

|           |                             |   |
|-----------|-----------------------------|---|
| MATH 105Z | Math in Society             | 4 |
| or        | or Precalculus I: Functions |   |
| MATH 111Z |                             |   |

|                 |  |   |
|-----------------|--|---|
| Elective course |  | 4 |
|-----------------|--|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|         |                                          |   |
|---------|------------------------------------------|---|
| REL 102 | World Religions: Near Eastern Traditions | 4 |
|---------|------------------------------------------|---|

|           |                                 |   |
|-----------|---------------------------------|---|
| MATH 106  | University Mathematics II       | 4 |
| or        | or Precalculus II: Trigonometry |   |
| MATH 112Z |                                 |   |

|           |                            |   |
|-----------|----------------------------|---|
| WR 122Z   | Composition II             | 4 |
| or WR 123 | or College Composition III |   |

|                                                                          |  |   |
|--------------------------------------------------------------------------|--|---|
| General-education course that also satisfies a multicultural requirement |  | 4 |
|--------------------------------------------------------------------------|--|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|           |                                 |   |
|-----------|---------------------------------|---|
| MATH 107  | University Mathematics III      | 4 |
| or        | or Precalculus II: Trigonometry |   |
| MATH 112Z |                                 |   |

|                                   |  |   |
|-----------------------------------|--|---|
| Lower-division elective for major |  | 4 |
|-----------------------------------|--|---|

|                                              |  |   |
|----------------------------------------------|--|---|
| General-education course in arts and letters |  | 4 |
|----------------------------------------------|--|---|

|                                     |  |   |
|-------------------------------------|--|---|
| General-education course in science |  | 4 |
|-------------------------------------|--|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                              |  |   |
|----------------------------------------------|--|---|
| General-education course in arts and letters |  | 4 |
|----------------------------------------------|--|---|

|                                            |  |   |
|--------------------------------------------|--|---|
| General-education course in social science |  | 4 |
|--------------------------------------------|--|---|

|                                     |  |   |
|-------------------------------------|--|---|
| General-education course in science |  | 4 |
|-------------------------------------|--|---|

|                                                                          |  |   |
|--------------------------------------------------------------------------|--|---|
| General-education course that also satisfies a multicultural requirement |  | 4 |
|--------------------------------------------------------------------------|--|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|                                              |  |   |
|----------------------------------------------|--|---|
| General-education course in arts and letters |  | 4 |
|----------------------------------------------|--|---|

|                                            |  |   |
|--------------------------------------------|--|---|
| General-education course in social science |  | 4 |
|--------------------------------------------|--|---|

|                                     |  |   |
|-------------------------------------|--|---|
| General-education course in science |  | 4 |
|-------------------------------------|--|---|

|                 |  |   |
|-----------------|--|---|
| Elective course |  | 4 |
|-----------------|--|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|                                              |  |   |
|----------------------------------------------|--|---|
| General-education course in arts and letters |  | 4 |
|----------------------------------------------|--|---|

|                                            |  |   |
|--------------------------------------------|--|---|
| General-education course in social science |  | 4 |
|--------------------------------------------|--|---|

|                                     |  |   |
|-------------------------------------|--|---|
| General-education course in science |  | 4 |
|-------------------------------------|--|---|



|                      |           |
|----------------------|-----------|
| Elective course      | 4         |
| <b>Credits</b>       | <b>16</b> |
| <b>Total Credits</b> | <b>48</b> |

### Course Title Credits Milestones

#### Third Year

##### Fall

|                                                      |   |
|------------------------------------------------------|---|
| Lower-division elective course with REL subject code | 4 |
| Upper-division elective course                       | 4 |
| General-education course in social science           | 4 |
| Elective course                                      | 4 |

**Credits 16**

##### Winter

|                                             |   |
|---------------------------------------------|---|
| Upper-division course with REL subject code | 4 |
| Upper-division elective course              | 4 |
| Elective courses                            | 8 |

**Credits 16**

##### Spring

|                                             |   |
|---------------------------------------------|---|
| Upper-division course with REL subject code | 4 |
| Upper-division elective course              | 4 |
| Elective courses                            | 8 |

**Credits 16**

**Total Credits 48**

### Course Title Credits Milestones

#### Fourth Year

##### Fall

|                                                                              |   |
|------------------------------------------------------------------------------|---|
| Upper-division course with REL subject code (Must take REL 101 by this term) | 4 |
| Elective courses (Must begin year of mathematics by this term)               | 8 |

**Credits 12**

##### Winter

|                  |    |
|------------------|----|
| Elective courses | 12 |
|------------------|----|

**Credits 12**

##### Spring

|                  |    |
|------------------|----|
| Elective courses | 12 |
|------------------|----|

**Credits 12**

**Total Credits 36**

## Religious Studies Minor

From antiquity to the present, religion has provided a vocabulary for individuals to confront ultimate questions about the meaning of life. Understanding the role of religion is critical for analyzing socio-political forces shaping the world today. The Religious Studies Department at the University of Oregon offers courses that reflect the research expertise of the faculty. Most seminars are small, allowing for deep exploration of the material. The critical reading, analytical thinking, and writing skills students hone as a Religious Studies minor, along with knowledge of global religious traditions, will serve them well in whatever career path they choose.

Courses used to satisfy minor requirements must be taken for letter grades and passed with a mid-C or better.

## Religious Studies Minor Requirements

| Code                                     | Title                                    | Credits   |
|------------------------------------------|------------------------------------------|-----------|
| REL 101                                  | World Religions: Asian Traditions        | 4         |
| REL 102                                  | World Religions: Near Eastern Traditions | 4         |
| Religious studies courses                |                                          | 4         |
| Upper-division religious studies courses |                                          | 12        |
| <b>Total Credits</b>                     |                                          | <b>24</b> |

## Arabic Studies Minor

### David Hollenberg, Director of Arabic Studies

349 Susan Campbell Hall

541-346-8096

religion@uoregon.edu

The minor in Arabic Studies facilitates proficiency in the Arabic language, familiarizes students with the cultures of the Arabic-speaking world, provides facility with the Arabic textual tradition, and affords a foundation for professional and graduate work using the Arabic language. Coursework trains students to read, interpret, and contextualize “texts,” broadly construed as written, oral, and audio-visual. This is accomplished through mastering the Arabic language, increasing knowledge of Arab cultural themes, and engaging apposite scholarly literature necessary to understand Arabic texts in an informed, relevant way.

Courses used to satisfy minor requirements must be taken for letter grades and passed with a mid-C or better.

## Arabic Studies Minor Requirements

| Code                                                                                                                        | Title                                                                                            | Credits |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------|
| <b>Category I: Third-Year Arabic</b>                                                                                        |                                                                                                  |         |
| ARB 301–303                                                                                                                 | Language and Culture                                                                             | 12      |
| <b>Category II: Advanced Arabic</b>                                                                                         |                                                                                                  |         |
| ARB 331                                                                                                                     | Reading Classical Arabic                                                                         | 4       |
| An additional course, approved by an advisor                                                                                |                                                                                                  | 4       |
| <b>Category III: Arabic Culture and Society</b>                                                                             |                                                                                                  |         |
| An elective from the following list (or any course with substantial content in Arabic, Middle Eastern, or Islamic studies): |                                                                                                  | 4       |
| ARB 199                                                                                                                     | Special Studies: [Topic]                                                                         |         |
| COLT 370                                                                                                                    | Comparative Comics                                                                               |         |
| COLT 462                                                                                                                    | Cultural Intersections: [Topic] (Orientalism)                                                    |         |
| COLT 470                                                                                                                    | Studies in Identity: [Topic] (Multiculturalism and Empire)                                       |         |
| GEOG 209                                                                                                                    | Geography of the Middle East and North Africa                                                    |         |
| HIST 199                                                                                                                    | Special Studies: [Topic] (The Iraq War; Islamic Civilization I or II; Islam in the Modern World) |         |
| HIST 399                                                                                                                    | Special Studies: [Topic] (The Iraq War)                                                          |         |
| GLBL 399                                                                                                                    | Special Studies: [Topic]                                                                         |         |
| GLBL 407                                                                                                                    | Seminar: [Topic]                                                                                 |         |
| GLBL 423                                                                                                                    | Development and the Muslim World                                                                 |         |
| J 467                                                                                                                       | Issues in International Communication: [Topic] (The Arab World and the Media)                    |         |

|                      |                                                               |
|----------------------|---------------------------------------------------------------|
| PS 399               | Special Studies: [Topic] (Egypt; Politics of the Middle East) |
| REL 102              | World Religions: Near Eastern Traditions                      |
| REL 233              | Introduction to Islam                                         |
| REL 324–325          | History of Eastern Christianity                               |
| REL 335              | Introduction to the Qur'an                                    |
| REL 432              | Islamic Mysticism: [Topic]                                    |
| TA 472               | Multicultural Theater: [Topic] (Arab American Theater)        |
| <hr/>                |                                                               |
| <b>Total Credits</b> | <b>24</b>                                                     |

## Modified Requirements for Students with Prior Literacy in Arabic

Students who already have skills that satisfy the equivalent of the ARB 301–303 third-year sequence—whether from native proficiency, study abroad, or courses from another university—may choose to test out of one or more of these courses by passing a proficiency examination, administered by the UO Testing Center, designed to demonstrate basic literacy in Arabic. If students wish to transfer their third-year Arabic courses from other universities or from overseas study, they may do so contingent on the successful completion of an examination at the appropriate level, to ensure proper placement.

Students who pass the proficiency exam must still complete 24 credits for the minor in Arabic studies, including at least 12 from among Category II courses and up to 12 from among Category III electives.

## Romance Languages

### David Wacks, Department Head

rlhead@uoregon.edu  
119 Friendly Hall  
1233 University of Oregon  
Eugene, Oregon 97403-1233  
541-346-4021  
541-346-4030 fax

The Department of Romance Languages offers an extensive range of courses and degree programs, from instruction in beginning languages through the study of the literatures and cultures of French-, Italian-, Portuguese-, and Spanish-speaking countries. Students can earn a bachelor of arts (BA) degree in French, Italian, Spanish, or Romance languages; the master of arts (MA) is also available in these areas. The doctor of philosophy (PhD), is awarded in either Spanish or Romance languages (RL). The RL PhD encompasses a primary language and literature and a supporting area. Romance languages is a liberal-arts major, providing a valuable background for students interested in graduate work, teaching, and a wide array of other professional and international careers that require strong analytical and communication skills.

## Preparation

The department recommends the following preparation for study leading to a major in any of the Romance languages:

- As much work as possible in the student's major language. Knowledge of a second Romance language is helpful but not required
- Knowledge of the history, geography, and politics of the areas where the student's major language is spoken

- Communication skills, speech, and essay writing that help the student convey ideas logically. In literature and film courses, papers or essay examinations are generally required
- Experience in literary and cultural studies and linguistics

## Careers

Students who graduate with a bachelor of arts degree in Romance languages typically enter a variety of occupations. Language teaching is an obvious possibility. Proficiency in a second language and knowledge of other cultures enhances study and career opportunities in other areas as well. Romance languages majors, especially those who have a second major in another discipline (e.g., art history, business administration, economics, family and human services, history, international studies, journalism, music, or political science) find positions in communications media, government foreign service, international business and law, libraries, social service organizations, and travel and tourist-related agencies, among others.

## Faculty

Faculty members in the Department of Romance Languages actively participate in other UO interdisciplinary programs and departments (e.g., African studies, cinema studies, comparative literature, European studies, Latin American studies, linguistics, medieval studies, and women's and gender studies). For descriptions, see those sections of this catalog.

## Scholarships

The department administers scholarships for undergraduate and graduate students of Romance languages:

- The Beall Graduate Dissertation Scholarship is awarded to doctoral students to support dissertation writing
- The Françoise Calin scholarship is awarded every year to a French major or minor
- The Giustina Family Italian Fund provides a one-time scholarship to Italian major/minors and RL majors with a 3.0 GPA or higher.
- The Leona M. Kail Scholarship supports studies in the Department of Romance Languages (Offered on alternate years.)
- Wayne Andre Gottshall Fund supports undergraduate students in studies in the Department of Romance Languages
- The Emmanuel Hatzantonis Scholarship is awarded every year to a Romance languages major or minor who is studying in Italy with the university's overseas study program
- Dr. Carl L. Johnson Scholarship supports studies in the Department of Romance Languages with preference to French majors.
- The Helen Fe Jones Spanish Student Fellowship supports study abroad in a Spanish-speaking country
- The Perry J. Powers Scholarship is awarded annually to an outstanding Romance languages student
- The Charles Stickles Endowment Scholarship is awarded for study in a Spanish-speaking country
- Nicolette B. Weicker Memorial Scholarship is awarded with preference to students specializing in French or Italian.
- The James T. and Mary Alice Wetzel Graduate Scholarship is awarded every year to an outstanding graduate student in the Department of Romance Languages

More information may be obtained from the department office in early January or on the department website, Scholarships (RL) | RL:

Romance Languages Major (uoregon.edu) (<https://romance.uoregon.edu/undergraduates/scholarships-rl/>)

## Study Abroad

One of the best ways to learn a language and its culture is the experience of immersion in it. The Department of Romance Languages strongly encourages students to participate in one of the numerous study-abroad programs that the UO offers. Visit the GEO website for more information. Home | Global Education Oregon (uoregon.edu) (<https://geo.uoregon.edu/>)

The department sponsors programs for the study of French, Italian, Portuguese, and Spanish languages and cultures. Students live, study, and travel in Europe, Africa, and the Americas, in countries such as Argentina, Bolivia, Brazil, Ecuador, France, Italy, Mexico, Morocco, Peru, Senegal, and Spain. Cosponsoring programs include IE<sub>3</sub> Global, the Council on International Educational Exchange, the School for International Training, and the National Student Exchange.

To ensure success in goals of language and cultural study, majors and minors in the department need to identify the program that best fits their academic requirements, financial situation, and personal interests. The list of programs posted on the department website is recommended based on their outstanding academic, linguistic, and cultural opportunities and strong on-site support.

Before traveling abroad, students should consult their assigned major or minor advisor about the selection of a program and the courses to be taken within that program.

### Tips for Selecting a Study-Abroad Program

- Choose a program that offers a maximum of immersion (e.g., living with host families or local students, course work entirely in the target language, direct university enrollment opportunities)
- Longer programs offer you more opportunity to acclimate to the language, to be more fully immersed in the local culture, and to form meaningful relationships with people from the host country
- Courses in which the readings and lectures are in English **do not** count toward majors or minors in the Department of Romance Languages or the UO bachelor of arts second-language requirement
- Students in all UO overseas study programs enroll in courses with subject codes that are unique to individual programs. Special course numbers are reserved for overseas study. Advisors can help students determine course equivalencies to maximize the credits applied to requirements for the degree
- The department offers scholarships to help students with travel expenses for language learning and research projects. For more information, visit the scholarships page (<http://rl.uoregon.edu/scholarships/>).

For additional information and to obtain applications for specific programs, contact the Office of International Affairs at (541) 346-3206. For questions on applying study-abroad credit to majors or minors, students should visit their assigned departmental advisor.

## Cultural Ambassador Program in Spain

The Ministry of Education of Spain offers more than 1,200 openings for U.S. and Canadian language and culture assistants (termed “cultural ambassadors”). The positions are offered in Spain’s equivalent of the K–12 school system of public education.

## Teaching Assistant Program in France

This program is coordinated by the French Embassy and offers 1,500 positions for native English speakers with a demonstrated knowledge of French to teach and its overseas department in France, to assist French teachers with English courses for a period of six to nine months, or both. The positions are offered in elementary and high schools (*écoles primaire, collèges, and lycées*). This is an excellent opportunity for graduating seniors with interest in education and experience abroad. It is open to United States citizens or permanent residents under 29 years of age with a demonstrated knowledge of French—not just majors or minors. The Department of Romance Languages does not administer the program, but simply offers guidance to interested students, and gives information and advice on the application process and on the program itself.

## Faculty

Maria Licia Aldana Rogers, instructor I (Spanish). BA

Rafael Arias, senior instructor II (Spanish). BA, 2009, MA, 2011, Oregon (2011)

Grecia Chirinos, Career Instructor (Spanish) BA 2010, Pontificia Universidad Católica del Perú; MA 2017, Middlebury College (2023)

Amy Costales, senior instructor II (Spanish). BA, 1993, State University of New York, Cortland; MA, 2009, Oregon. (2007)

Liliana Darwin Lopez, senior instructor II (Spanish). BA, 2001, MA, 2007, Oregon. (2007)

Robert L. Davis, professor (methodology and pedagogy, Spanish and Romance linguistics). BA, 1983, Southern Mississippi; MA, 1987, PhD, 1991, North Carolina, Chapel Hill. (1991)

Lauretta De Renzo-Huter, senior instructor II (Italian); supervisor and coordinator, first-year Italian programs. Laurea in Lingue e Letterature Starniere Moderne, 1988, Torino; MA, 1992, PhD, 2001, Oregon. (2019)

Juanita Devereaux, senior instructor II (Spanish). BA, 1999, MA, 2001, Oregon. (2001)

Connie Dickey, senior instructor I (French); supervisor-coordinator, first-year French program. BA, 1979, Portland; MA, 1981, Seattle; PhD, 1991, California, Berkeley. (2014)

André Djiffack, associate professor (Francophone literatures, 20th-century French literature, colonial and postcolonial studies). BA, 1987, Maîtrise, 1988, Doctorat de 3e Cycle, 1992, Yaoundé; PhD, 1998, Cape Town. (2000)

Paula Ellister, senior instructor II (Spanish); supervisor and coordinator, first-year Spanish program. BA, 1992, MA, 1994, Oregon. (1994)

Cecilia Enjuto Rangel, associate professor (Spanish and Latin American poetry, transatlantic studies, gender and literary theory); director of undergraduate studies. BA, 1998, Universidad de Puerto Rico; MA, 2002, PhD, 2005, Yale. (2005)

Pedro García-Caro, associate professor (19th- and 20th-century literatures of the Americas, postcolonial studies, literary theory). Licenciatura, 1995, Murcia; BA, 1996, Roehampton; MA, 1997, PhD, 2004, University College, London. (2006)

Diana Garvin, assistant professor (Mediterranean studies). AB, 2006, Harvard; PhD, 2016, Cornell. (2019)

Amalia Gladhart, professor (20th-century Latin American literature, theater, feminist studies). BA, 1989, Michigan State; PhD, 1995, Cornell. (1995)

Devin Grammon, assistant professor (Spanish socio-linguistics). BA, 2010; University of Northern Colorado; MA, 2012, University of Colorado, Boulder; PhD 2018, The Ohio State University, Columbus (2018)

Paulo Henriquez, instructor (Spanish); licenciado en castellano, 2000, Universidad Austral de Chile; MA, 2005, PhD, 2012, Oregon. (2012)

Gina Herrmann, associate professor (contemporary Spanish literature, politics and culture, autobiographical studies, gender studies). BA, 1990, Cornell; MA, 1993, Columbia; PhD, 1998, Cornell. (2002)

Nathalie Hester, associate professor (French and Italian Renaissance and baroque literature and culture, travel literature). BA, 1992; MA 1993; PhD, 2001, Chicago. (2001)

Jon Jaramillo, Career Instructor (Spanish) BA, 2013, MA 2015, Ph.D. 2023 Oregon (2023)

Harinder Kaur Khalsa, senior instructor (Italian). BA, 1991, Istanbul; MA, 1996 and 1998, Oregon. (1999)

Kelley León Howarth, senior instructor II (Spanish). BA, 1995, Wisconsin, Eau Claire; MA, 2002, Oregon. (2002)

Sergio Loza, Assistant professor (Spanish heritage language education, Spanish socio-linguistics) BA, 2013, Arizona State University; PhD, 2019, Arizona State University. (2019)

Leah Middlebrook, associate professor (early modern Spanish and French literature and culture, lyric poetry, comparative literature). See **Comparative Literature**.

Lanie Millar, associate professor (20th- and 21st-century Caribbean and Latin American literature, Luso-African literature, global south studies). BA, 2002, Baylor; MA, 2003, Middlebury College; PhD, 2011, Texas, Austin. (2013)

Fabienne Moore, associate professor (French Enlightenment, prose poetry, contemporary France). License, 1987, Toulouse—Le Mirail; PhD, 2001, New York University. (2000)

Heather Quarles, senior instructor II (Spanish). BA, 2000, MA, 2003, Oregon. (2001)

Sergio Rigoletto, associate professor (European cinema, popular culture, gender studies). Laurea, 2002, Catania; MA, 2004, Birkbeck, London; PhD, 2010, Reading. (2012)

Andrew Rothgery, senior instructor II (Spanish); head undergraduate advisor. BA 1991, MA, 1994, Oregon. (1994)

Mariana Sabino Salazar, Career Instructor (Spanish) BS 2007 Universidad Iberoamericana; MA 2014 Benemérita Universidad Autónoma de Puebla; MA 2017, Ph.D. 2023, University of Texas at Austin (2023)

Maria Benedita Santos, senior instructor I (Portuguese). BA, 1974, Federal University of Maranhão; MA, 2007, Oregon. (2012)

Jésus Sepúlveda, senior instructor I (Spanish). BA, 1995, Universidad Metropolitana de Ciencias de la Educación; MA, 1997, PhD, 2003, Oregon. (2008)

Analisa Taylor, associate professor (Mexican literary and social history). BA, 1992, Oregon; MA, 1996, PhD, 2002, Duke. (2002)

Claudia Ventura, senior instructor II (Italian); supervisor and coordinator, second-year Italian. Laurea, 1995, Bologna; MA, 2006, Ca' Foscari, Venice. (2005)

David Wacks, professor (medieval Iberian literature and culture, Sephardic studies). BA, 1991, Columbia; MA, 1997, Boston College; PhD, 2003, California, Berkeley. (2003)

Nathan Whalen, senior instructor II (Spanish). BA, 1999, MA, 2001, Oregon. (2001)

Latifa Zoulagh, Career Instructor (French) BA, 1997, DESA, 1999 University of Sidi Mohammed Ben Abdallah; MA 2009, North Carolina State University; Ph.D. 2014 University of Oklahoma 2014 (2023)

Alex Zunterstein, senior instructor II (Spanish); assistant department head; Spanish heritage language undergrad program coordinator. BA, 2000, MA, 2002, Oregon. (2002)

## Emeriti

Alexandre Albert-Galtier, associate professor emeritus. Licence, 1981, DEA, 1983, PhD, 1988, Lyon II. (1994)

Randi M. Brox, professor emerita. Cand. Philol., 1960, Oslo; PhD, 1965, Illinois. (1965)

Françoise G. Calin, professor emerita. Licence, 1963, Diplôme d'Études Supérieures, 1964, CAPES, 1966, Sorbonne; PhD, 1972, Stanford. (1973)

Nadia Ceccacci, senior instructor emerita (Italian). Corso di laurea in Lingue e Letterature Straniere, 1981, Università degli Studi di Perugia; MA, 1986, Oregon. (1989)

Richard H. Desroches, associate professor emeritus. BA, 1947, Clark; PhD, 1962, Yale. (1957)

Juan A. Eppe, professor emeritus. Licenciante, 1971, Chile; MA, 1977, PhD, 1980, Harvard. (1980)

Leonardo García-Pabón, professor emeritus (colonial Latin American literature, contemporary Latin American poetry, literary theory). BS, 1980, Universidad Mayor de San Andrés; MA, 1981, Université Catholique de Louvain; PhD, 1990, Minnesota, Twin Cities. (1990)

Sylvia Giustina, senior instructor emerita. BA, 1956, Marylhurst; MA, 1966, Oregon. (1968)

Evlyn Gould, professor emerita. BA, 1975, California, Irvine; MA, 1977, PhD, 1983, California, Berkeley. (1983)

Mónica Lara, senior instructor emerita (Spanish). BA, 1982, MA, 1992, Oregon. (1992) Massimo Lolli, professor emeritus. Laurea, 1978, Bologna; PhD, 1992, Yale. (1992)

Elisabeth A. Marlow, associate professor emerita. Diplôme, 1953, Hautes Études Commerciales, Paris; MA, 1958, PhD, 1966, Oregon. (1958)



Karen McPherson, professor emerita. BA, 1970, Oregon; MA, 1983, PhD, 1987, Yale. (1998)

Rosario Murcia, senior instructor emerita (Spanish); supervisor-coordinator, second-year Spanish program. BA, 1984, Alicante; MA, 1988, Oregon. (1988) Barbara D. May, associate professor emerita. BA, 1972, MA, 1973, PhD, 1975, Utah. (1976)

Amanda W. Powell, senior lecturer emerita. BA, 1977, Yale; MA, 1983, Boston University. (1991)

F. Regina Psaki, professor emerita. BA, 1980, Dickinson; MA, 1986, PhD, 1989, Cornell. (1989)

Steven Rendall, professor emeritus. BA, 1961, Colorado; PhD, 1967, Johns Hopkins. (1967)

Wolfgang F. Sohlich, associate professor emeritus. BA, 1959, Johns Hopkins; MA, 1970, PhD, 1971, Emory. (1970)

Gloria Zabala, senior instructor emerita (Spanish). BA, 1983, MA, 1989, Oregon. (1989)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Majors - Bachelor's Degree

- French (BA) (p. 157)
- Italian (BA) (p. 160)
- Romance Languages (BA) (p. 163)
- Spanish (BA) (p. 164)

### Minors

- French (p. 159)
- Italian (p. 162)
- Spanish (p. 167)

## Graduate Programs

### Majors - Master's Degree

- French (MA) (p. 167)
- Italian (MA) (p. 169)
- Romance Languages (MA) (p. 172)
- Spanish (MA) (p. 176)

### Majors - Doctoral Degree

- Romance Languages (PhD) (p. 174)
- Spanish (PhD) (p. 178)

### Specialization

- Translation Studies (p. 182)

## French (BA)

In the eighth century, the emperor Charlemagne, “the father of Europe,” declared that, “to speak another language is to possess a second soul.” There’s something wonderful about studying another language, being able to think and express yourself in a new way. Using that skill to

communicate with people whose culture and life experiences are very different from your own can be very exciting.

More than 250 million people in more than 50 countries speak French. It is an official language in 29 countries and maintains its status as a major language of culture, diplomacy, and economics. The Organisation Internationale de la Francophonie (<https://www.francophonie.org/>), established in 1970 and usually referred to as “La Francophonie,” includes 57 member states on four continents. French is a passport to much of the world!

You may want to study French language and culture to get in touch with your family’s history or to learn about the rich cultural legacies of France in Europe and across the globe. Perhaps you’re looking forward to traveling through some of the countries and regions of Europe, Africa, North America, or Asia, where French is spoken and you want to build your language skills. Or, maybe you’re interested in a diplomatic or global business career that involves multinational companies. Whatever the basis of your interest, a major in French in the University of Oregon’s Department of Romance Languages will help you to expand your knowledge and horizons.

The Department of Romance Languages is a diverse multicultural and multilingual unit with a first-rate faculty from around the world. As a major or minor, you will gain an extensive knowledge of languages and cultures and will have invaluable opportunities for intellectual growth. You’ll also be able to engage in a wide variety of extracurricular activities, including lectures and film festivals, language conversation groups, study abroad programs, and internships.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Language proficiency: French majors should reach at least a level of Intermediate-High (speaking) and Advanced (writing) in the primary target language according to ACTFL proficiency standards.
- Analytical skills related to the field/target language (research and writing): French majors should be able to: a) use basic tools/methods of analysis in either literary studies or linguistics; b) use technical vocabulary for literary analysis and criticism or linguistic analysis; c) demonstrate understanding of academic writing (manage and cite bibliographic resources, document all sources, including in-line citations in writing, etc.)
- Content objectives (literature/culture): Demonstrate familiarity with examples of the cultural/artistic production in the target language from different historical periods. Identify authors, texts, themes, and literary/artistic/intellectual movements in the periods studied. Relate cultural artifacts (literature, film, fine arts) to the historical, cultural, and social contexts in which they were produced.
- Discipline (humanities or social science): identify basic disciplinary questions that define literary analysis/cultural studies or sociolinguistics; apply or relate disciplinary questions to current debates in the arts, politics, social conflicts, etc.

Courses for the major are principally taught in the language of study and immerse students in a diversity of cultures and variations spoken. Cultural, linguistic and literary production – writing, film and other media – studied in RL courses reflect variations of race, gender, social class, climate, religion, and historical and artistic movements and counter-movements.



All courses for Romance Languages majors and minors must be *upper-division*, with the exception of one approved lower-division class within certain majors and minors. Courses used to fulfill the major requirements must be taken for a letter grade and passed with a grade of C- or better. Coursework transferred in from Advanced Placement or International Baccalaureate exams are acceptable with a mark of P\*.

## French Major

| Code                                                                             | Title                                                 | Credits   |
|----------------------------------------------------------------------------------|-------------------------------------------------------|-----------|
| FR 301                                                                           | La France contemporaine                               | 4         |
| FR 302                                                                           | Culture et langage: Le monde francophone contemporain | 4         |
| Select three of the following, or their equivalent:                              |                                                       | 12        |
| FR 312                                                                           | French Survey: Francophone Literature <sup>1</sup>    |           |
| FR 317                                                                           | French Survey: Medieval and Renaissance               |           |
| FR 318                                                                           | Monarchy, Liberty, Revolution                         |           |
| FR 319                                                                           | French Survey: 19th and 20th Centuries                |           |
| FR 416                                                                           | Advanced Writing in French                            | 4         |
| or FR 425                                                                        | French-English Translation                            |           |
| 330-level or higher French literature, film, or translation courses <sup>2</sup> |                                                       | 12        |
| Upper-division French electives taught in French <sup>3</sup>                    |                                                       | 12        |
| <b>Total Credits</b>                                                             |                                                       | <b>48</b> |

<sup>1</sup> Students who have already taken *Culture et langage: identités francophones* (FR 303) cannot receive credit for French Survey: Francophone Literature (FR 312).

<sup>2</sup> Taught in residence on the Eugene campus. At least 8 credits must be at the 400 level.

<sup>3</sup> May include FR 150. Must address the cultures of the French-speaking world (e.g., courses in literature, language, culture, film).

## Approved Courses

| Code                                                  | Title                                                 | Credits |
|-------------------------------------------------------|-------------------------------------------------------|---------|
| Literature, Film, or Translation Courses <sup>1</sup> |                                                       |         |
| FR 330                                                | French Poetry                                         |         |
| FR 331                                                | French Theater                                        |         |
| FR 333                                                | French Narrative                                      |         |
| FR 362                                                | French Film                                           |         |
| FR 399                                                | Special Studies: [Topic]                              |         |
| FR 407                                                | Seminar: [Topic]                                      |         |
| FR 425                                                | French-English Translation <sup>1</sup>               |         |
| FR 451                                                | Baroque Theater: [Topic]                              |         |
| FR 460                                                | 18th-Century Literature: [Topic]                      |         |
| FR 480                                                | 19th-Century Literature: [Topic]                      |         |
| FR 490                                                | 20th-Century Literature: [Topic]                      |         |
| RL 407                                                | Seminar: [Topic] <sup>2</sup>                         |         |
| Electives                                             |                                                       |         |
| FR 150                                                | Cultural Legacies of France                           |         |
| FR 301                                                | La France contemporaine                               |         |
| FR 302                                                | Culture et langage: Le monde francophone contemporain |         |
| FR 312                                                | French Survey: Francophone Literature                 |         |
| FR 317                                                | French Survey: Medieval and Renaissance               |         |
| FR 318                                                | Monarchy, Liberty, Revolution                         |         |

FR 319 French Survey: 19th and 20th Centuries  
330-level or higher French literature, film, or translation courses

- <sup>1</sup> French-English Translation (FR 425) may count for the writing requirement OR this Literature, Film, or Translation category.
- <sup>2</sup> Seminar: [Topic] (RL 407) is allowed if coursework is completed in French.

## Departmental Honors

Approval for graduation with honors is granted to any student who meets one of the following requirements:

1. Maintains at least a 4.00 grade point average (GPA) in all upper-division department course work and at least a 3.50 GPA overall, **or**
2. Maintains at least a 3.75 GPA in all upper-division department course work and at least a 3.50 GPA overall, and submits an honors thesis written under the guidance of a Romance languages faculty thesis advisor. The thesis adviser determines whether the thesis is acceptable and may require the student to register for up to 6 pass/no pass (P/N) credits in Thesis (FR, ITAL, SPAN 403)

If a student wishes to apply for honors by submitting an honors thesis, the application for graduation with honors must be submitted by the end of the term that immediately precedes the term of graduation. If a student is planning on graduating in the spring term, they must apply for graduation through their departmental advisor during the winter term.

Transfer credits and overseas-study work used to fulfill major graduation requirements are typically included in determining the major GPA.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in French

| Course                                                                                     | Title                       | Credits        | Milestones |
|--------------------------------------------------------------------------------------------|-----------------------------|----------------|------------|
| <b>First Year</b>                                                                          |                             |                |            |
| <b>Fall</b>                                                                                |                             |                |            |
| FR 101                                                                                     | First-Year French           | 5              |            |
| FR 150                                                                                     | Cultural Legacies of France | 4              |            |
| General-education course in science                                                        |                             | 4              |            |
| Participate in the Romance Languages Opportunities Fair in October                         |                             |                |            |
| Take a lighter course load in your first term as you adjust to college                     |                             |                |            |
|                                                                                            |                             | <b>Credits</b> | <b>13</b>  |
| <b>Winter</b>                                                                              |                             |                |            |
| FR 102                                                                                     | First-Year French           | 5              |            |
| WR 121Z                                                                                    | Composition I               | 4              |            |
| General-education course in arts and letters (Minor or second major course, if applicable) |                             | 4              |            |
| Study skills or time management course                                                     |                             | 1              |            |
| Talk with advisors about study abroad or other experiential learning options               |                             |                |            |
|                                                                                            |                             | <b>Credits</b> | <b>14</b>  |

**Spring**

|                      |                                                                                           |           |
|----------------------|-------------------------------------------------------------------------------------------|-----------|
| FR 103               | First-Year French                                                                         | 5         |
| WR 122Z<br>or WR 123 | Composition II<br>or College Composition III                                              | 4         |
|                      | General-education course in arts and letters                                              | 4         |
|                      | General-education course in social science                                                | 4         |
|                      | Meet with University Career Center advisor to discuss potential major(s) and career ideas |           |
|                      | <b>Credits</b>                                                                            | <b>17</b> |
|                      | <b>Total Credits</b>                                                                      | <b>44</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|        |                                                                                          |           |
|--------|------------------------------------------------------------------------------------------|-----------|
| FR 201 | Second-Year French                                                                       | 4         |
|        | General-education course in arts and letters                                             | 4         |
|        | General-education course in social science (Minor or second major course, if applicable) | 4         |
|        | General-education course in science (Minor or second major course, if applicable)        | 4         |
|        | Participate in the Romance Languages Opportunities Fair in October                       |           |
|        | <b>Credits</b>                                                                           | <b>16</b> |

**Winter**

|        |                                            |           |
|--------|--------------------------------------------|-----------|
| FR 202 | Second-Year French                         | 4         |
|        | General-education course in social science | 4         |
|        | General-education course in science        | 4         |
|        | Multicultural course                       | 4         |
|        | <b>Credits</b>                             | <b>16</b> |

**Spring**

|        |                                                                                                             |           |                      |
|--------|-------------------------------------------------------------------------------------------------------------|-----------|----------------------|
| FR 203 | Second-Year French                                                                                          | 4         | Declare French major |
|        | General-education course in social science                                                                  | 4         |                      |
|        | General-education course in science                                                                         | 4         |                      |
|        | Elective course                                                                                             | 4         |                      |
|        | Confirm study-abroad or experiential learning plans, and work with advisor to verify progress toward degree |           |                      |
|        | <b>Credits</b>                                                                                              | <b>16</b> |                      |
|        | <b>Total Credits</b>                                                                                        | <b>48</b> |                      |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|        |                                                                |           |
|--------|----------------------------------------------------------------|-----------|
|        | Choose two from the following:                                 | 8         |
| FR 301 | La France contemporaine                                        |           |
| FR 302 | Culture et langage: Le monde francophone contemporain          |           |
| FR 320 | Intensive French Grammar Review                                |           |
|        | Electives or courses for minor or second major                 | 8         |
|        | Participate in Romance Languages Opportunities Fair in October |           |
|        | <b>Credits</b>                                                 | <b>16</b> |

**Winter**

|                     |                                                                                     |           |
|---------------------|-------------------------------------------------------------------------------------|-----------|
| FR 312<br>or FR 317 | French Survey: Francophone Literature<br>or French Survey: Medieval and Renaissance | 4         |
|                     | French language or survey course                                                    | 4         |
|                     | Electives or courses for minor or second major                                      | 8         |
|                     | Apply for Romance languages scholarships                                            |           |
|                     | <b>Credits</b>                                                                      | <b>16</b> |

**Spring**

|                     |                                                                            |           |
|---------------------|----------------------------------------------------------------------------|-----------|
| FR 318<br>or FR 319 | Monarchy, Liberty, Revolution<br>or French Survey: 19th and 20th Centuries | 4         |
| FR 330              | French Poetry                                                              | 4         |
|                     | Electives or courses for minor or second major                             | 8         |
|                     | Meet with advisor to confirm major progress and plan for senior year       |           |
|                     | <b>Credits</b>                                                             | <b>16</b> |
|                     | <b>Total Credits</b>                                                       | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|  |                                               |           |
|--|-----------------------------------------------|-----------|
|  | French survey course                          | 4         |
|  | French elective course                        | 4         |
|  | Elective or courses for minor or second major | 8         |
|  | <b>Credits</b>                                | <b>16</b> |

**Winter**

|        |                                              |           |
|--------|----------------------------------------------|-----------|
| FR 407 | Seminar: [Topic]                             | 4         |
|        | French elective course                       | 4         |
|        | Elective or course for minor or second major | 4         |
|        | <b>Credits</b>                               | <b>12</b> |

**Spring**

|        |                                              |           |                                                  |
|--------|----------------------------------------------|-----------|--------------------------------------------------|
| FR 407 | Seminar: [Topic]                             | 4         | Apply for graduation, including any certificates |
|        | French elective course                       | 4         |                                                  |
|        | Elective or course for minor or second major | 4         |                                                  |
|        | <b>Credits</b>                               | <b>12</b> |                                                  |
|        | <b>Total Credits</b>                         | <b>40</b> |                                                  |

**French Minor**

As one of the major languages of world governance, diplomacy, commerce, and culture, French opens up a world of opportunities. In addition to gaining real-world proficiency and mastering communication skills across languages and cultures, students of French learn essential critical thinking skills, analytical reasoning, and adaptability. No matter the career and life path you choose, studying French will prepare you to face the challenges and opportunities both of the job market and of an increasingly globalized world.

Courses used to fulfill the minor requirements must be taken for a letter grade and passed with a grade of C- or better. Coursework transferred in from Advanced Placement or International Baccalaureate exams

are acceptable with a mark of P\*. Further details are available on the department website.

## Minor in French

| Code                                                                                 | Title | Credits   |
|--------------------------------------------------------------------------------------|-------|-----------|
| Upper-division language courses                                                      |       | 12        |
| Upper-division courses in literature, linguistics, translation, or film <sup>1</sup> |       | 12        |
| Upper-division electives taught in French <sup>2</sup>                               |       | 4         |
| <b>Total Credits</b>                                                                 |       | <b>28</b> |

<sup>1</sup> Must be taught on the Eugene campus.

<sup>2</sup> Courses must be upper-division, taught in French and address the cultures of the French-speaking world (e.g. courses in literature, linguistics, language, culture, film, etc.)

## Italian (BA)

Leonardo da Vinci said, "The noblest pleasure is the joy of understanding." There's something especially wonderful about understanding another language. It enables you to think and express yourself in a new way. Using that newfound skill to communicate with people whose culture and life experiences are very different from yours can bring you much joy.

An estimated 180 million people worldwide speak Italian as their primary or secondary language. Almost 20 million North Americans identify as having Italian ancestry. Italy is internationally recognized for its rich contributions to art, architecture, music, literature, and philosophy. Today Italy attracts interest in a wide variety of areas, including tourism, emigrant heritage, filmmaking, fashion and design, and gastronomy.

You might want to study Italian to get in touch with your family's history, or with Italy's incomparable artistic heritage. Or maybe you're looking forward to traveling in a famously beautiful country, and you want to take some language skills with you. Perhaps you're interested in a global business career that involves multinational companies. Whatever the basis of your interest, the University of Oregon's Department of Romance Languages will help you to expand your knowledge and horizons.

Romance Languages is a diverse, multicultural and multilingual unit that offers a first-rate faculty from around the world. As a major or minor, you will gain an extensive knowledge of languages and cultures and will have invaluable opportunities for intellectual growth. You'll also be able to engage in a wide variety of extracurricular activities, including lectures and film festivals, language conversation groups, study abroad programs, and internships.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Language proficiency: Italian majors should reach at least a level of Intermediate-High (speaking) and Advanced (writing) in the primary target language according to ACTFL proficiency standards.
- Analytical skills related to the field/target language (research and writing): Italian majors should be able to a) use basic tools/methods of analysis in either literary studies or linguistics; b) use technical vocabulary for literary analysis and criticism or linguistic analysis; c) demonstrate mastery of technical aspects of professional writing

(manage bibliographic resources, document ideas using MLA or APA style, include in-line citations in writing, etc.)

- Content objectives (literature/culture): Demonstrate familiarity with examples of the cultural/artistic production in the target language from different historical periods. Identify authors, texts, themes, and literary/artistic/intellectual movements in the periods studied. Relate cultural artifacts (literature, film, fine arts) to the historical, cultural, and social contexts in which they were produced.
- Discipline (humanities or social science): identify basic disciplinary questions that define literary analysis/cultural studies or sociolinguistics; apply or relate disciplinary questions to current debates in the arts, politics, social conflicts, etc.

Courses for the major are principally taught in the language of study and immerse students in a diversity of cultures and variations spoken. Cultural, linguistic and literary production – writing, film and other media – studied in RL courses reflect variations of race, gender, social class, climate, religion, and historical and artistic movements and counter-movements.

- Language and Culture Concentration (p. 160)
- Italian Studies Concentration (p. 161)

## Italian Major - Language and Culture Concentration

Courses used to fulfill the major requirements must be taken for a letter grade and passed with a grade of C- or better. Coursework transferred in from Advanced Placement or International Baccalaureate exams are acceptable with a mark of P\*.

40 of the 48 credits must be courses taught in Italian. Students may apply a maximum of 2 courses (8 credits) taught in English to this major concentration.

| Code                                           | Title                                         | Credits   |
|------------------------------------------------|-----------------------------------------------|-----------|
| <b>Cultura e lingua</b>                        |                                               | <b>12</b> |
| ITAL 301                                       | Cultura e lingua: l'Italia contemporanea      |           |
| ITAL 303                                       | Cultura e lingua: societa, economia, politica |           |
| ITAL 305                                       | Cultura e lingua: arte, musica, i mass media  |           |
| ITAL 307                                       | Oral Skills (taken twice)                     |           |
| ITAL 320                                       | Intensive Italian Grammar Review              |           |
| <b>Literature &amp; Cinema</b>                 |                                               | <b>12</b> |
| ITAL 317 - ITAL 399 (excluding 320)            |                                               |           |
| <b>Expertise <sup>1</sup></b>                  |                                               | <b>12</b> |
| ITAL 399                                       | Special Studies: [Topic]                      |           |
| ITAL 407                                       | Seminar: [Topic]                              |           |
| ITAL 408                                       | Workshop: [Topic]                             |           |
| ITAL 410                                       | Experimental Course: [Topic]                  |           |
| ITAL 449                                       | Humanism and the Renaissance                  |           |
| ITAL 491                                       | 20th-Century Literature: [Topic]              |           |
| <b>Electives <sup>2</sup></b>                  |                                               | <b>12</b> |
| Expertise-satisfying courses that are not used |                                               |           |
| ITAL 150                                       | Cultural Legacies of Italy                    |           |
| ITAL 152                                       | Desire and Resistance: Italian Cinema         |           |
| ITAL 252                                       | The Italian-American Experience               |           |
| ARH 341                                        | Italian Renaissance Art                       |           |

|                      |                            |           |
|----------------------|----------------------------|-----------|
| GEOG 342             | Geography of Globalization |           |
| HIST 414             | Ancient Rome: [Topic]      |           |
| PHIL 331             | Philosophy in Literature   |           |
| <b>Total Credits</b> |                            | <b>48</b> |

- <sup>1</sup> Two courses must be at the 400-level; can include RL 407 if coursework is completed in Italian. A maximum of one course taught in English may be applied toward this requirement.
- <sup>2</sup> Can include 8 credits of lower-division courses.

## Italian Major - Italian Studies Concentration

Courses used to fulfill the major requirements must be taken for a letter grade and passed with a grade of C- or better. Coursework transferred in from Advanced Placement or International Baccalaureate exams are acceptable with a mark of P\*.

| Code                                           | Title                                              | Credits   |
|------------------------------------------------|----------------------------------------------------|-----------|
| <b>Cultura e lingua</b>                        |                                                    | <b>12</b> |
| ITAL 301                                       | Cultura e lingua: l'Italia contemporanea           |           |
| ITAL 303                                       | Cultura e lingua: società, economia, politica      |           |
| ITAL 305                                       | Cultura e lingua: arte, musica, i mass media       |           |
| ITAL 307                                       | Oral Skills (Taken twice for a total of 4 credits) |           |
| <b>Literature &amp; Cinema</b>                 |                                                    | <b>8</b>  |
| ITAL 317 - ITAL 399 (excluding 320)            |                                                    |           |
| <b>Expertise</b> <sup>1, 2</sup>               |                                                    | <b>16</b> |
| ITAL 399                                       | Special Studies: [Topic]                           |           |
| ITAL 407                                       | Seminar: [Topic]                                   |           |
| ITAL 408                                       | Workshop: [Topic]                                  |           |
| ITAL 410                                       | Experimental Course: [Topic]                       |           |
| ITAL 449                                       | Humanism and the Renaissance                       |           |
| ITAL 491                                       | 20th-Century Literature: [Topic]                   |           |
| ARH 341                                        | Italian Renaissance Art                            |           |
| GEOG 342                                       | Geography of Globalization                         |           |
| HIST 414                                       | Ancient Rome: [Topic]                              |           |
| PHIL 331                                       | Philosophy in Literature                           |           |
| <b>Electives</b> <sup>3</sup>                  |                                                    | <b>12</b> |
| Expertise-satisfying courses that are not used |                                                    |           |
| ITAL 150                                       | Cultural Legacies of Italy                         |           |
| ITAL 152                                       | Desire and Resistance: Italian Cinema              |           |
| ITAL 252                                       | The Italian-American Experience                    |           |
| RL 151                                         | Mediterranean Foodways                             |           |
| CLAS 110                                       | Classical Mythology                                |           |
| GEOG 202                                       | Geography of Europe                                |           |
| <b>Total Credits</b>                           |                                                    | <b>48</b> |

- <sup>1</sup> At least one course (4 credits) taught in Italian.
- <sup>2</sup> Two courses (8 credits) must be at the 400-level; can include RL 407 if coursework is completed in Italian.
- <sup>3</sup> A maximum of 2 lower-division courses may be used.

## Additional Requirement

Students must take at least 24 of the 48 credits in upper-division Italian for this major concentration

## Departmental Honors

Approval for graduation with honors is granted to any student who meets one of the following requirements:

1. Maintains at least a 4.00 grade point average (GPA) in all upper-division department course work and at least a 3.50 GPA overall, **or**
2. Maintains at least a 3.75 GPA in all upper-division department course work and at least a 3.50 GPA overall, and submits an honors thesis written under the guidance of a Romance languages faculty thesis advisor. The thesis adviser determines whether the thesis is acceptable and may require the student to register for up to 6 pass/no pass (P/N) credits in Thesis (FR, ITAL, SPAN 403)

If a student wishes to apply for honors by submitting an honors thesis, the application for graduation with honors must be submitted by the end of the term that immediately precedes the term of graduation. If a student is planning on graduating in the spring term, they must apply for graduation through their departmental advisor during the winter term.

Transfer credits and overseas-study work used to fulfill major graduation requirements are typically included in determining the major GPA.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Italian (Focus in Italian Studies)

| Course                                                                       | Title                             | Credits   | Milestones |
|------------------------------------------------------------------------------|-----------------------------------|-----------|------------|
| <b>First Year</b>                                                            |                                   |           |            |
| <b>Fall</b>                                                                  |                                   |           |            |
| ITAL 101                                                                     | First-Year Italian                | 5         |            |
| ITAL 150                                                                     | Cultural Legacies of Italy        | 4         |            |
| or                                                                           | or Desire and Resistance: Italian |           |            |
| ITAL 152                                                                     | Cinema                            |           |            |
| General-education course in science                                          |                                   | 4         |            |
| Participate in the Romance Languages Opportunities Fair in October           |                                   |           |            |
| Take a lighter course load in your first term as you adjust to college       |                                   |           |            |
| <b>Credits</b>                                                               |                                   | <b>13</b> |            |
| <b>Winter</b>                                                                |                                   |           |            |
| ITAL 102                                                                     | First-Year Italian                | 5         |            |
| WR 121Z                                                                      | Composition I                     | 4         |            |
| ITAL 252                                                                     | The Italian-American Experience   | 4         |            |
| Study skills or time management course                                       |                                   | 4         |            |
| Talk with advisors about study abroad or other experiential learning options |                                   |           |            |
| <b>Credits</b>                                                               |                                   | <b>17</b> |            |
| <b>Spring</b>                                                                |                                   |           |            |
| ITAL 103                                                                     | First-Year Italian                | 5         |            |

|                                                                                           |                            |           |
|-------------------------------------------------------------------------------------------|----------------------------|-----------|
| WR 122Z                                                                                   | Composition II             | 4         |
| or WR 123                                                                                 | or College Composition III |           |
| General-education course in arts and letters                                              |                            | 4         |
| General-education course in social science                                                |                            | 4         |
| Meet with University Career Center advisor to discuss potential major(s) and career ideas |                            |           |
| <b>Credits</b>                                                                            |                            | <b>17</b> |
| <b>Total Credits</b>                                                                      |                            | <b>47</b> |

## Course Title Credits Milestones

### Second Year

#### Fall

|                                                                              |                     |           |
|------------------------------------------------------------------------------|---------------------|-----------|
| ITAL 201                                                                     | Second-Year Italian | 4         |
| General-education course in arts and letters                                 |                     | 4         |
| General-education course in social science                                   |                     | 4         |
| General-education course in science                                          |                     | 4         |
| Participate in the Romance Languages Opportunities Fair in October           |                     |           |
| Talk with advisors about study abroad or other experiential learning options |                     |           |
| <b>Credits</b>                                                               |                     | <b>16</b> |

#### Winter

|                                            |                     |           |
|--------------------------------------------|---------------------|-----------|
| ITAL 202                                   | Second-Year Italian | 4         |
| General-education course in social science |                     | 4         |
| General-education course in science        |                     | 4         |
| Multicultural course                       |                     | 4         |
| Apply for Romance languages scholarships   |                     |           |
| <b>Credits</b>                             |                     | <b>16</b> |

#### Spring

|                                                                                                             |                     |                       |           |
|-------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|-----------|
| ITAL 203                                                                                                    | Second-Year Italian | Declare Italian major | 4         |
| General-education course in social science                                                                  |                     |                       | 4         |
| General-education course in science                                                                         |                     |                       | 4         |
| Course for minor or second major                                                                            |                     |                       | 4         |
| Confirm study-abroad or experiential learning plans, and work with advisor to verify progress toward degree |                     |                       |           |
| <b>Credits</b>                                                                                              |                     |                       | <b>16</b> |
| <b>Total Credits</b>                                                                                        |                     |                       | <b>48</b> |

## Course Title Credits Milestones

### Third Year

#### Fall

|                                                                    |                                          |           |
|--------------------------------------------------------------------|------------------------------------------|-----------|
| ITAL 301                                                           | Cultura e lingua: l'Italia contemporanea | 4         |
| ITAL 319                                                           | Italian Survey: 19th and 20th Centuries  | 4         |
| Courses for minor or second major                                  |                                          | 8         |
| Participate in the Romance Languages Opportunities Fair in October |                                          |           |
| <b>Credits</b>                                                     |                                          | <b>16</b> |

#### Winter

|          |                                              |   |
|----------|----------------------------------------------|---|
| ITAL 305 | Cultura e lingua: arte, musica, i mass media | 4 |
|----------|----------------------------------------------|---|

|                                   |                                           |   |
|-----------------------------------|-------------------------------------------|---|
| ITAL 318                          | Italian Survey: Baroque and Enlightenment | 4 |
| Courses for minor or second major |                                           | 8 |
| Apply for scholarships            |                                           |   |

**Credits 16**

#### Spring

|                                                                      |                                               |   |
|----------------------------------------------------------------------|-----------------------------------------------|---|
| ITAL 303                                                             | Cultura e lingua: societa, economia, politica | 4 |
| ITAL 407                                                             | Seminar: [Topic]                              | 4 |
| Courses for minor or second major                                    |                                               | 8 |
| Meet with advisor to confirm major progress and plan for senior year |                                               |   |

**Credits 16**

**Total Credits 48**

## Course Title Credits Milestones

### Fourth Year

#### Fall

|                                                                    |                                  |              |
|--------------------------------------------------------------------|----------------------------------|--------------|
| ITAL 407                                                           | Seminar: [Topic]                 | 1-6          |
| ITAL 491                                                           | 20th-Century Literature: [Topic] | 4            |
| Courses for minor or second major                                  |                                  | 8            |
| Participate in the Romance Languages Opportunities Fair in October |                                  |              |
| <b>Credits</b>                                                     |                                  | <b>13-18</b> |

#### Winter

|                                  |                              |          |
|----------------------------------|------------------------------|----------|
| ITAL 449                         | Humanism and the Renaissance | 4        |
| Course for minor or second major |                              | 4        |
| <b>Credits</b>                   |                              | <b>8</b> |

#### Spring

|                                  |                                          |                                                  |              |
|----------------------------------|------------------------------------------|--------------------------------------------------|--------------|
| ITAL 317                         | Italian Survey: Medieval and Renaissance | Apply for graduation, including any certificates | 4            |
| ITAL 407                         | Seminar: [Topic]                         |                                                  | 4            |
| Course for minor or second major |                                          |                                                  | 4            |
| <b>Credits</b>                   |                                          |                                                  | <b>12</b>    |
| <b>Total Credits</b>             |                                          |                                                  | <b>33-38</b> |

## Italian Minor

An estimated 180 million people worldwide speak Italian as their primary or secondary language. Almost 17 million North Americans identify as having Italian ancestry. Italian culture is traditionally recognized for its rich contributions to art, architecture, music, literature, and philosophy. Today Italy attracts interest in a wide variety of areas, including tourism, its emigrant heritage, filmmaking, fashion industry, and gastronomy.

Courses used to fulfill the minor requirements must be taken for a letter grade and passed with a grade of C- or better. Coursework transferred in from Advanced Placement or International Baccalaureate exams are acceptable with a mark of P\*. Further details are available on the department website.



## Minor in Italian

| Code                 | Title                                                                                | Credits   |
|----------------------|--------------------------------------------------------------------------------------|-----------|
|                      | Upper-division language courses                                                      | 12        |
|                      | Upper-division courses in literature, linguistics, translation, or film <sup>1</sup> | 12        |
|                      | Upper-division electives taught in Italian <sup>2</sup>                              | 4         |
| <b>Total Credits</b> |                                                                                      | <b>28</b> |

<sup>1</sup> Must be taught on the Eugene campus.

<sup>2</sup> Courses must be upper-division, taught in Italian and address the cultures of the Italian-speaking world (e.g. courses in literature, linguistics, language, culture, film, etc.)

## Romance Languages (BA)

Students who major in Romance languages intensively study two Romance languages (French, Italian, Portuguese, or Spanish). Advanced knowledge of two languages opens up a world of travel, study, and job opportunities.

Our students explore not only the languages but also the literature and cultures of the modern and historical Romance world. Courses in the program focus on prose, poetry, theater, and film, as well as history and language. Romance languages students are encouraged to travel and study abroad.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Language proficiency: RL majors should reach at least a level of Intermediate-High (speaking) and Advanced (writing) in the primary target language and for the second language at least a level of Intermediate-Mid in all skills according to ACTFL proficiency standards.
- Analytical skills related to the field/target languages (research and writing): Romance Languages majors should be able to: a) use basic tools/methods of analysis in either literary studies or linguistics, b) use technical vocabulary for literary analysis and criticism or linguistic analysis, c) demonstrate mastery of technical aspects of professional writing (manage bibliographic resources, document ideas using appropriate stylesheet, include in-line citations in writing, etc.)
- Content objectives (literature/culture): Demonstrate familiarity with examples of the cultural/artistic production in the target languages from different historical periods. Identify authors, texts, themes, and literary/artistic/intellectual movements in the periods studied. Relate cultural artifacts (literature, film, fine arts) to the historical, cultural, and social contexts in which they were produced.
- Discipline (humanities or social science): identify basic disciplinary questions that define literary analysis/cultural studies or sociolinguistics; apply or relate disciplinary questions to current debates in the arts, politics, social conflicts, etc.

## Romance Languages Major Requirements

Romance languages majors must complete a minimum of 12 credits in literature, film, translation, and/or linguistics courses on the Eugene campus. At least 8 credits of these 12 must be in courses numbered 407 or higher.

Courses used to fulfill the major requirements must be taken for a letter grade and passed with a grade of C- or better. Coursework transferred in from Advanced Placement or International Baccalaureate exams are acceptable with a mark of P\*.

| Code                                                                   | Title                                                                    | Credits   |
|------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------|
| <b>First Romance Language</b>                                          |                                                                          |           |
|                                                                        | Language courses                                                         | 12        |
|                                                                        | Literature survey sequence for French, Italian, or Spanish: <sup>1</sup> | 12        |
| Three of the following in French:                                      |                                                                          |           |
| FR 312                                                                 | French Survey: Francophone Literature <sup>2</sup>                       |           |
| FR 317                                                                 | French Survey: Medieval and Renaissance                                  |           |
| FR 318                                                                 | Monarchy, Liberty, Revolution                                            |           |
| FR 319                                                                 | French Survey: 19th and 20th Centuries                                   |           |
| Three of the following in Italian:                                     |                                                                          |           |
| ITAL 317                                                               | Italian Survey: Medieval and Renaissance                                 |           |
| ITAL 318                                                               | Italian Survey: Baroque and Enlightenment                                |           |
| ITAL 319                                                               | Italian Survey: 19th and 20th Centuries                                  |           |
| Spanish Literature and Culture Concentration (three of the following): |                                                                          |           |
| SPAN 341                                                               | Hispanic Cultures through Literature I                                   |           |
| SPAN 342                                                               | Hispanic Cultures through Literature II                                  |           |
| SPAN 343                                                               | Hispanic Cultures through Literature III                                 |           |
| SPAN 344                                                               | Hispanic Cultures through Literature IV                                  |           |
| SPAN 350                                                               | Introduction to Poetry                                                   |           |
| SPAN 351                                                               | Introduction to Theater                                                  |           |
| SPAN 353                                                               | Introduction to Narrative                                                |           |
| Spanish Language and Society Concentration:                            |                                                                          |           |
| SPAN 320                                                               | Intensive Spanish Grammar Review                                         |           |
| SPAN 322                                                               | Introduction to Hispanic Linguistics                                     |           |
| SPAN 324                                                               | Spanish Pronunciation and Phonetics                                      |           |
|                                                                        | Additional literature, film, linguistics, or translation courses         | 8         |
| <b>Second Romance Language</b>                                         |                                                                          |           |
|                                                                        | Language courses                                                         | 8         |
|                                                                        | Courses in literature, film, linguistics, or translation                 | 8         |
| <b>Total Credits</b>                                                   |                                                                          | <b>48</b> |

<sup>1</sup> For the Spanish survey, choose only **one** of the two concentrations: Literature and Culture **or** Language and Society.

<sup>2</sup> Students who have already taken *Culture et langage: identités francophones* (FR 303) cannot receive credit for French Survey: Francophone Literature (FR 312).

## Language courses

| Code           | Title                                                 | Credits |
|----------------|-------------------------------------------------------|---------|
| <b>French</b>  |                                                       |         |
| FR 301         | La France contemporaine                               |         |
| FR 302         | Culture et langage: Le monde francophone contemporain |         |
| FR 307         | Oral Skills (Taken twice)                             |         |
| FR 416         | Advanced Writing in French                            |         |
| <b>Italian</b> |                                                       |         |
| ITAL 301       | Cultura e lingua: l'Italia contemporanea              |         |
| ITAL 303       | Cultura e lingua: società, economia, politica         |         |

|          |                                              |
|----------|----------------------------------------------|
| ITAL 305 | Cultura e lingua: arte, musica, i mass media |
| ITAL 307 | Oral Skills (Taken twice)                    |
| ITAL 320 | Intensive Italian Grammar Review             |

**Spanish**

|          |                                          |
|----------|------------------------------------------|
| SPAN 301 | Cultura y Lengua: Identidades Hispanas   |
| SPAN 303 | Cultura y lengua: expresiones artisticas |
| SPAN 305 | Cultura y lengua: cambios sociales       |
| SPAN 308 | Cultura y lengua: comunidades bilingues  |

**Literature, Film, Linguistics, or Translation courses**

| Code | Title | Credits |
|------|-------|---------|
|------|-------|---------|

**French**

|        |                                  |
|--------|----------------------------------|
| FR 330 | French Poetry                    |
| FR 331 | French Theater                   |
| FR 333 | French Narrative                 |
| FR 362 | French Film                      |
| FR 407 | Seminar: [Topic]                 |
| FR 425 | French-English Translation       |
| FR 451 | Baroque Theater: [Topic]         |
| FR 460 | 18th-Century Literature: [Topic] |
| FR 480 | 19th-Century Literature: [Topic] |
| FR 490 | 20th-Century Literature: [Topic] |

**Italian**

|          |                                  |
|----------|----------------------------------|
| ITAL 407 | Seminar: [Topic]                 |
| ITAL 449 | Humanism and the Renaissance     |
| ITAL 491 | 20th-Century Literature: [Topic] |

**Spanish**

|          |                                                         |
|----------|---------------------------------------------------------|
| SPAN 348 | United States Latino Literature and Culture             |
| SPAN 350 | Introduction to Poetry                                  |
| SPAN 351 | Introduction to Theater                                 |
| SPAN 353 | Introduction to Narrative                               |
| SPAN 407 | Seminar: [Topic]                                        |
| SPAN 420 | Spanish Linguistics: [Topic]                            |
| SPAN 424 | History of the Spanish Language                         |
| SPAN 425 | Literary Translation                                    |
| SPAN 428 | Spanish in the United States                            |
| SPAN 448 | National Identities and Border Cultures in the Americas |
| SPAN 466 | Introduction to Spanish Golden Age                      |
| SPAN 480 | 19th-Century Spanish American Literature: [Topic]       |
| SPAN 490 | 20th-Century Latin American Literature: [Topic]         |

**Departmental Honors**

Approval for graduation with honors is granted to any student who meets one of the following requirements:

1. Maintains at least a 4.00 grade point average (GPA) in all upper-division department course work and at least a 3.50 GPA overall, **or**
2. Maintains at least a 3.75 GPA in all upper-division department course work and at least a 3.50 GPA overall, and submits an honors

thesis written under the guidance of a Romance languages faculty thesis advisor. The thesis adviser determines whether the thesis is acceptable and may require the student to register for up to 6 pass/no pass (P/N) credits in Thesis (FR, ITAL, SPAN 403)

If a student wishes to apply for honors by submitting an honors thesis, the application for graduation with honors must be submitted by the end of the term that immediately precedes the term of graduation. If a student is planning on graduating in the spring term, they must apply for graduation through their departmental advisor during the winter term.

Transfer credits and overseas-study work used to fulfill major graduation requirements are typically included in determining the major GPA.

**Spanish (BA)**

Spanish majors explore the language, literature, and cultures of the modern and historical Spanish-speaking world.

Students choose one of two concentrations. The literature and culture concentration offers classes in literature, film, visual arts, and other media from many different periods. This gives students the chance to explore the breadth and depth of the cultures of the Spanish-speaking world. The language and society concentration exposes students to the historical and social contexts of Spanish-speaking communities. Students gain knowledge of the linguistic structure of the language and its different varieties, which highlights the social characteristics of communities where Spanish is used.

**Program Learning Outcomes**

Upon successful completion of this program, students will be able to:

- Language proficiency: RL majors should reach at least a level of Intermediate-High (speaking) and Advanced (writing) in the primary target language according to ACTFL proficiency standards.
- Analytical skills related to the field/target language (research and writing): RL majors should be able to: a) use basic tools/methods of analysis in either literary studies or linguistics, b) use technical vocabulary for literary analysis and criticism or linguistic analysis, c) demonstrate mastery of technical aspects of professional writing (manage bibliographic resources, document ideas using MLA or APA style, include in-line citations in writing, etc.)
- Content objectives (literature/culture): Demonstrate familiarity with examples of the cultural/artistic production in the target language from different historical periods. Identify authors, texts, themes, and literary/artistic/intellectual movements in the periods studied. Relate cultural artifacts (literature, film, fine arts) to the historical, cultural, and social contexts in which they were produced. Content objectives (language in society-Spanish): Identify the geographical distribution and historical origins of varieties of Spanish; recognize variation as a fundamental part of language, and explain the kinds of sociolinguistic variation (historical, social, geographic) that can occur in languages; explain the relationship between language and identity; demonstrate understanding of methods of linguistic data collection and analysis.
- Discipline (humanities or social science): identify basic disciplinary questions that define literary analysis/cultural studies or sociolinguistics; apply or relate disciplinary questions to current debates in the arts, politics, social conflicts, etc.

Courses for the major are principally taught in the language of study and immerse students in a diversity of cultures and variations spoken.

Cultural, linguistic and literary production – writing, film and other media – studied in RL courses reflect variations of race, gender, social class, climate, religion, and historical and artistic movements and counter-movements.

All courses for Romance Languages majors and minors must be *upper-division*, with the exception of one approved lower-division class within certain majors and minors. Courses used to fulfill the major requirements must be taken for a letter grade and passed with a grade of C- or better. Coursework transferred in from Advanced Placement or International Baccalaureate exams are acceptable with a mark of P\*.

- Language and Society (p. 165)
- Literature and Culture (p. 165)

## Spanish Major - Language and Society Concentration

| Code                                                                                                                                                | Title                                       | Credits   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------|
| <b>Lengua y cultura</b>                                                                                                                             |                                             |           |
| SPAN 308                                                                                                                                            | Cultura y lengua: comunidades bilingües     | 4         |
| One from the following:                                                                                                                             |                                             | 4         |
| SPAN 301                                                                                                                                            | Cultura y Lengua: Identidades Hispánicas    |           |
| SPAN 303                                                                                                                                            | Cultura y lengua: expresiones artísticas    |           |
| SPAN 305                                                                                                                                            | Cultura y lengua: cambios sociales          |           |
| <b>Advanced Writing</b>                                                                                                                             |                                             |           |
| SPAN 311                                                                                                                                            | Advanced Writing in Spanish <sup>1</sup>    | 4         |
| or SPAN 312                                                                                                                                         | Spanish in the Media                        |           |
| <b>Survey Courses</b>                                                                                                                               |                                             |           |
| SPAN 320                                                                                                                                            | Intensive Spanish Grammar Review            | 4         |
| SPAN 322                                                                                                                                            | Introduction to Hispanic Linguistics        | 4         |
| SPAN 324                                                                                                                                            | Spanish Pronunciation and Phonetics         | 4         |
| <b>Expertise and Mastery</b>                                                                                                                        |                                             |           |
| Three from the following: <sup>2</sup>                                                                                                              |                                             | 12        |
| SPAN 348                                                                                                                                            | United States Latino Literature and Culture |           |
| SPAN 420                                                                                                                                            | Spanish Linguistics: [Topic]                |           |
| SPAN 424                                                                                                                                            | History of the Spanish Language             |           |
| SPAN 425                                                                                                                                            | Literary Translation                        |           |
| SPAN 428                                                                                                                                            | Spanish in the United States                |           |
| <b>Electives</b>                                                                                                                                    |                                             |           |
| Upper-division courses in literature, film, or linguistics, taught in Spanish, that address the cultures of the Spanish-speaking world <sup>3</sup> |                                             | 12        |
| <b>Experiential Learning</b>                                                                                                                        |                                             |           |
| Academic experience that involves using the Spanish language outside the classroom <sup>4</sup>                                                     |                                             |           |
| <b>Total Credits</b>                                                                                                                                |                                             | <b>48</b> |

<sup>1</sup> Students cannot receive credit for both SPAN 311 and SPAN 312

<sup>2</sup> One course may be RL 407 or LAS 407, with course work in the target language; student should discuss with an advisor.

<sup>3</sup> May include up to 4 lower-division credits from LAS 200, SPAN 150, SPAN 238, or SPAN 299

<sup>4</sup> Must involve at least 30 hours of work per term.

## Approved Electives

| Code               | Title                                               | Credits |
|--------------------|-----------------------------------------------------|---------|
| SPAN 150           | Hispanic and Latinx Cultures <sup>1</sup>           |         |
| SPAN 238           | Spanish Around the World <sup>1</sup>               |         |
| SPAN 299           | Special Studies: [Topic] <sup>1</sup>               |         |
| SPAN 301           | Cultura y Lengua: Identidades Hispánicas            |         |
| SPAN 303           | Cultura y lengua: expresiones artísticas            |         |
| SPAN 305           | Cultura y lengua: cambios sociales                  |         |
| SPAN 308           | Cultura y lengua: comunidades bilingües             |         |
| SPAN 320           | Intensive Spanish Grammar Review                    |         |
| SPAN 322           | Introduction to Hispanic Linguistics                |         |
| SPAN 324           | Spanish Pronunciation and Phonetics                 |         |
| SPAN 348 and above |                                                     |         |
| LAS 200            | Introduction to Latin American Studies <sup>1</sup> |         |
| LAS 407            | Seminar: [Topic] <sup>2</sup>                       |         |

<sup>1</sup> Only one course may be applied toward the Electives.

<sup>2</sup> Seminar: [Topic] (LAS 407) counts if coursework is completed in Spanish.

## Spanish Major - Literature and Culture Concentration

| Code                                                                                                                                                                  | Title                                    | Credits |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------|
| <b>Lengua y cultura</b>                                                                                                                                               |                                          |         |
| Two from the following:                                                                                                                                               |                                          | 8       |
| SPAN 301                                                                                                                                                              | Cultura y Lengua: Identidades Hispánicas |         |
| SPAN 303                                                                                                                                                              | Cultura y lengua: expresiones artísticas |         |
| SPAN 305                                                                                                                                                              | Cultura y lengua: cambios sociales       |         |
| SPAN 308                                                                                                                                                              | Cultura y lengua: comunidades bilingües  |         |
| <b>Advanced Writing</b>                                                                                                                                               |                                          |         |
| SPAN 311                                                                                                                                                              | Advanced Writing in Spanish <sup>1</sup> | 4       |
| or SPAN 312                                                                                                                                                           | Spanish in the Media                     |         |
| <b>Survey Courses</b>                                                                                                                                                 |                                          |         |
| Three from the following:                                                                                                                                             |                                          | 12      |
| SPAN 341                                                                                                                                                              | Hispanic Cultures through Literature I   |         |
| SPAN 342                                                                                                                                                              | Hispanic Cultures through Literature II  |         |
| SPAN 343                                                                                                                                                              | Hispanic Cultures through Literature III |         |
| SPAN 344                                                                                                                                                              | Hispanic Cultures through Literature IV  |         |
| SPAN 350                                                                                                                                                              | Introduction to Poetry                   |         |
| SPAN 351                                                                                                                                                              | Introduction to Theater                  |         |
| SPAN 353                                                                                                                                                              | Introduction to Narrative                |         |
| <b>Expertise and Mastery</b>                                                                                                                                          |                                          |         |
| Three courses in literature, film, or translation in Spanish: one from SPAN 348 or above; two from SPAN 407, SPAN 448, or above. One course may be RL 407 or LAS 407. |                                          | 12      |
| <b>Electives</b>                                                                                                                                                      |                                          |         |
| Upper-division courses in literature, film, or linguistics, taught in Spanish, that address the cultures of the Spanish-speaking world <sup>2</sup>                   |                                          | 12      |
| <b>Experiential Learning</b>                                                                                                                                          |                                          |         |

Academic experience that involves using the Spanish language outside the classroom <sup>3</sup>

**Total Credits** 48

- <sup>1</sup> Students cannot receive credit for both SPAN 311 and SPAN 312.  
<sup>2</sup> May include up to 4 lower-division credits from LAS 200, SPAN 150, SPAN 238, or SPAN 299.  
<sup>3</sup> Must involve at least 30 hours of work per term.

## Approved Electives

| Code               | Title                                               | Credits |
|--------------------|-----------------------------------------------------|---------|
| SPAN 150           | Hispanic and Latinx Cultures                        |         |
| SPAN 238           | Spanish Around the World                            |         |
| SPAN 299           | Special Studies: [Topic] <sup>1</sup>               |         |
| SPAN 301           | Cultura y Lengua: Identidades Hispánicas            |         |
| SPAN 303           | Cultura y lengua: expresiones artísticas            |         |
| SPAN 305           | Cultura y lengua: cambios sociales                  |         |
| SPAN 308           | Cultura y lengua: comunidades bilingües             |         |
| SPAN 320           | Intensive Spanish Grammar Review                    |         |
| SPAN 322           | Introduction to Hispanic Linguistics                |         |
| SPAN 324           | Spanish Pronunciation and Phonetics                 |         |
| SPAN 348 and above |                                                     |         |
| LAS 200            | Introduction to Latin American Studies <sup>1</sup> |         |
| LAS 407            | Seminar: [Topic] <sup>2</sup>                       |         |
| RL 407             | Seminar: [Topic] <sup>2</sup>                       |         |

- <sup>1</sup> Only one course may be applied toward the Electives.  
<sup>2</sup> Seminar: [Topic] (LAS 407) and Seminar: [Topic] (RL 407) count if coursework is completed in Spanish.

## Departmental Honors

Approval for graduation with honors is granted to any student who meets one of the following requirements:

1. Maintains at least a 4.00 grade point average (GPA) in all upper-division department course work and at least a 3.50 GPA overall, **or**
2. Maintains at least a 3.75 GPA in all upper-division department course work and at least a 3.50 GPA overall, and submits an honors thesis written under the guidance of a Romance languages faculty thesis advisor. The thesis adviser determines whether the thesis is acceptable and may require the student to register for up to 6 pass/no pass (P/N) credits in Thesis (FR, ITAL, SPAN 403)

If a student wishes to apply for honors by submitting an honors thesis, the application for graduation with honors must be submitted by the end of the term that immediately precedes the term of graduation. If a student is planning on graduating in the spring term, they must apply for graduation through their departmental advisor during the winter term.

Transfer credits and overseas-study work used to fulfill major graduation requirements are typically included in determining the major GPA.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Spanish (Focus in Language and Society)

| Course               | Title                                                                                               | Credits   | Milestones |
|----------------------|-----------------------------------------------------------------------------------------------------|-----------|------------|
| <b>First Year</b>    |                                                                                                     |           |            |
| <b>Fall</b>          |                                                                                                     |           |            |
| SPAN 101             | First-Year Spanish                                                                                  | 5         |            |
| SPAN 150             | Hispanic and Latinx Cultures                                                                        | 4         |            |
|                      | General-education course in science                                                                 | 4         |            |
|                      | Participate in Romance Languages Opportunities Fair in October                                      |           |            |
|                      | Take a lighter course load in your first term as you adjust to college                              |           |            |
| <b>Credits</b>       |                                                                                                     | <b>13</b> |            |
| <b>Winter</b>        |                                                                                                     |           |            |
| SPAN 102             | First-Year Spanish                                                                                  | 5         |            |
| WR 121Z              | Composition I                                                                                       | 4         |            |
|                      | General-education course in social science                                                          | 4         |            |
|                      | Study skills or time management course                                                              | 4         |            |
|                      | Talk with advisors about study abroad or other experiential learning options                        |           |            |
| <b>Credits</b>       |                                                                                                     | <b>17</b> |            |
| <b>Spring</b>        |                                                                                                     |           |            |
| SPAN 103             | First-Year Spanish                                                                                  | 5         |            |
| WR 122Z              | Composition II                                                                                      | 4         |            |
|                      | or WR 123 or College Composition III                                                                |           |            |
| ARH 211              | Survey of Latin American Arts                                                                       | 4         |            |
| HIST 248             | Latinos in the Americas                                                                             | 4         |            |
|                      | Meet with University Career Center advisor to discuss potential major(s) and career ideas           |           |            |
| <b>Credits</b>       |                                                                                                     | <b>17</b> |            |
| <b>Total Credits</b> |                                                                                                     | <b>47</b> |            |
| <b>Second Year</b>   |                                                                                                     |           |            |
| <b>Fall</b>          |                                                                                                     |           |            |
| SPAN 201             | Second-Year Spanish                                                                                 | 4         |            |
| LING 301             | Introduction to Linguistics Analysis                                                                | 4         |            |
|                      | General-education course in arts and letters                                                        | 4         |            |
|                      | General-education course in science                                                                 | 4         |            |
|                      | Participate in Romance Languages Opportunities Fair in October                                      |           |            |
|                      | Talk with advisors about study abroad or other experiential learning options                        |           |            |
| <b>Credits</b>       |                                                                                                     | <b>16</b> |            |
| <b>Winter</b>        |                                                                                                     |           |            |
| SPAN 202             | Second-Year Spanish                                                                                 | 4         |            |
| LING 296             | Language and Society in the United States                                                           | 4         |            |
|                      | General-education course in arts and letters                                                        | 4         |            |
|                      | General-education course in science                                                                 | 4         |            |
|                      | Apply for Romance languages scholarships (if you have already declared a major or minor in Spanish) |           |            |
| <b>Credits</b>       |                                                                                                     | <b>16</b> |            |

**Spring**

|                                                                                                  |                     |                       |           |
|--------------------------------------------------------------------------------------------------|---------------------|-----------------------|-----------|
| SPAN 203                                                                                         | Second-Year Spanish | Declare Spanish major | 4         |
| General-education course in science                                                              |                     |                       | 4         |
| Courses of minor or second major                                                                 |                     |                       | 8         |
| Confirm study abroad or internship plans, and work with advisor to verify progress toward degree |                     |                       |           |
| <b>Credits</b>                                                                                   |                     |                       | <b>16</b> |
| <b>Total Credits</b>                                                                             |                     |                       | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                                                |                                         |    |
|----------------------------------------------------------------|-----------------------------------------|----|
| SPAN 301                                                       | Cultura y Lengua: Identidades Hispanas  | 4  |
| SPAN 308                                                       | Cultura y lengua: comunidades bilingües | 4  |
| Courses for minor or second major                              |                                         | 8  |
| Participate in Romance Languages Opportunities Fair in October |                                         |    |
| Credits                                                        |                                         | 16 |

**Winter**

|                                   |                                      |           |
|-----------------------------------|--------------------------------------|-----------|
| Choose one from the following:    |                                      | 4         |
| SPAN 320                          | Intensive Spanish Grammar Review     |           |
| SPAN 322                          | Introduction to Hispanic Linguistics |           |
| SPAN 324                          | Spanish Pronunciation and Phonetics  |           |
| SPAN 311                          | Advanced Writing in Spanish          | 4         |
| or                                | or Spanish in the Media              |           |
| SPAN 312                          |                                      |           |
| Courses for minor or second major |                                      | 8         |
| Apply for scholarships            |                                      |           |
| <b>Credits</b>                    |                                      | <b>16</b> |

**Spring**

|                                                                      |                                      |    |
|----------------------------------------------------------------------|--------------------------------------|----|
| Choose one from the following:                                       |                                      | 4  |
| SPAN 320                                                             | Intensive Spanish Grammar Review     |    |
| SPAN 322                                                             | Introduction to Hispanic Linguistics |    |
| SPAN 324                                                             | Spanish Pronunciation and Phonetics  |    |
| 300-level course with SPAN subject code                              |                                      | 4  |
| Courses for minor or second major                                    |                                      | 8  |
| Meet with advisor to confirm major progress and plan for senior year |                                      |    |
| Credits                                                              |                                      | 16 |
| Total Credits                                                        |                                      | 48 |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                               |  |   |
|-----------------------------------------------|--|---|
| Choose one of the following:                  |  | 4 |
| SPAN 320 Intensive Spanish Grammar Review     |  |   |
| 300-level course with SPAN subject code       |  | 4 |
| Courses for minor or second major             |  | 8 |
| SPAN 322 Introduction to Hispanic Linguistics |  |   |
| SPAN 324 Spanish Pronunciation and Phonetics  |  |   |

Participate in Romance Languages Opportunities Fair in October

| Credits                                 |                                             | 16 |
|-----------------------------------------|---------------------------------------------|----|
| Winter                                  |                                             |    |
| SPAN 348                                | United States Latino Literature and Culture | 4  |
| SPAN 424                                | History of the Spanish Language             | 4  |
| Course for minor or second major        |                                             | 4  |
| Credits                                 |                                             | 12 |
| Spring                                  |                                             |    |
| 300-level course with SPAN subject code |                                             | 4  |
| Course for minor or second major        |                                             | 4  |
| Credits                                 |                                             | 8  |
| Total Credits                           |                                             | 36 |

## Spanish Minor

Spanish is the official language of twenty-one countries in the world, and it is the second most spoken language in the United States. We provide classes in Spanish that help students develop linguistic abilities with an emphasis on real-world proficiency, as well as introduce students to the major historical and cultural phenomena that characterize the Spanish-speaking world.

Courses used to fulfill the minor requirements must be taken for a letter grade and passed with a grade of C- or better. Coursework transferred in from Advanced Placement or International Baccalaureate exams are acceptable with a mark of P\*. Further details are available on the department website.

### Minor in Spanish

| Code                                                       | Title | Credits   |
|------------------------------------------------------------|-------|-----------|
| Upper-division SPAN courses taught in Spanish <sup>1</sup> |       | 24        |
| Elective <sup>2</sup>                                      |       | 4         |
| <b>Total Credits</b>                                       |       | <b>28</b> |

<sup>1</sup> 12 credits must be taught by UO faculty (in-residence or on approved study abroad/away)

<sup>2</sup> Electives may include SPAN 150, 203, 228, 238, 248, LAS 200, HIST 248, or any upper-division SPAN course taught in Spanish.

Upper-division SPAN courses taught in Spanish:

- 300-level SPAN courses (301-399)
- 400-level SPAN courses (407, 410-499)

## French (MA)

As one of the major languages of world governance, diplomacy, commerce, and culture, French opens up a world of opportunities. In addition to gaining real-world proficiency and mastering communication skills across languages and cultures, students of French learn essential critical thinking skills, analytical reasoning, and adaptability. No matter the career and life path you choose, studying French will prepare you to face the challenges and opportunities both of the job market and of an increasingly globalized world.

The Department of Romance Languages offers an MA program in French. Our graduate students have the opportunity to study with leading



scholars whose research interests range from modern and contemporary French studies in fields ranging from Francophone Africa and the French Enlightenment to terror studies and translation studies.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

All courses must be taken on a graded basis. Coursework must be completed with grades of B– or better, and a grade point average (GPA) of 3.00 or better must be maintained.

A student whose knowledge of the language or languages is found to be deficient must take remedial work—an advanced writing class, additional study abroad, or some form of language immersion.

### Master of Arts: French

| Code                                                              | Title                                              | Credits      |
|-------------------------------------------------------------------|----------------------------------------------------|--------------|
| RL 608                                                            | Workshop: [Topic] <sup>1</sup>                     | 2-4          |
| RL 620                                                            | Graduate Study in Romance Languages <sup>2</sup>   | 2-4          |
| RL 623                                                            | Romance Languages Colloquium: [Topic] <sup>3</sup> | 2-4          |
| RL 607                                                            | Seminar: [Topic] <sup>3</sup>                      | 2            |
| Two graduate-level courses in medieval and Renaissance literature |                                                    | 8            |
| Two graduate-level courses in 17th–18th centuries literature      |                                                    | 8            |
| Two graduate-level courses in literature from 1830 to 1945        |                                                    | 8            |
| Two graduate-level courses in literature from 1945 to the present |                                                    | 8            |
| French language courses                                           |                                                    | 12           |
| Research project                                                  |                                                    |              |
| <b>Total Credits</b>                                              |                                                    | <b>52-58</b> |

<sup>1</sup> Taken fall term of first year.

<sup>2</sup> Taken winter term of first year.

<sup>3</sup> Taken in preparation for second-year fall forum.

### Master of Arts Research Project

The degree requires a research project (either a master's essay or a pedagogy portfolio) that allows a student to expand his or her expertise in literary and cultural studies or in teaching language, literature, and culture. A faculty member oversees the development of the final product and evaluates it. The student must identify a faculty member willing to serve as director and secure his or her signature of approval for the project by the ninth week of spring term of the first year.

The research project should be between 6,000 and 9,000 words. In consultation with the research project director, the student chooses whether to write the project in a Romance language or in English.

Research projects are approved by the director and are referred to the student's MA examination committee (see below) for remediation if the work is found to be deficient or in need of revision. The director submits a final copy of the approved essay or portfolio to the department office by the last day of classes in spring term of the second year.

### Essay in Literary and Cultural Studies

This essay allows students to widen their knowledge in one or more Romance languages, literatures, and cultures. In addition, the essay permits students to focus in greater depth on writing formal academic prose, presenting an interpretation, constructing an argument,

documenting sources and references, and honing persuasive strategies. At the end of the first year of study, the student chooses one of the seminar papers that he or she submitted during the first three terms of course work. During the summer session immediately following, the student expands and polishes the paper.

Students who plan to apply for the PhD program in Romance languages at the University of Oregon must complete an essay in literary and cultural studies.

### MA Pedagogy Portfolio in Teaching Language, Literature, and Culture

This project allows students to explore in depth specific issues of teaching a Romance language, its literature and cultures. The portfolio is designed in consultation with the director and serves to demonstrate the student's professional expertise. The portfolio may include the following documents: a coherent collection of teaching materials supported by a theoretical rationale; a description, personal assessment, and third-party evaluation of an internship experience (e.g., a participatory learning experience at the UO); a formal "philosophy of teaching" statement; documentation of participation in a professional conference; and other components as recommended by the director.

Students who plan to apply for the doctoral program in Romance languages at the University of Oregon must complete a master of arts essay in literary and cultural studies.

### Examinations

The master of arts examination comprises two four-hour exams taken in the seventh week of spring term in the second year.

For students studying for the MA in French, Italian, or Spanish, the first exam consists of one specific question in each of the four literary periods. The second exam consists of a detailed analysis of a short text in two parts: a close reading of the text and a consideration of the text in its social, historical, cultural, and/or literary contexts. The student, in consultation with the examination committee, chooses in which of the four periods this second exam is done.

The exams for the Romance languages MA are similar to those for French, Italian and Spanish. However, in the first exam students are asked to draw on examples from both their major and minor literatures in their answer to at least one of the questions. They are encouraged (but not required) to refer to both literatures in their answers to the other three short questions.

The graduate secretary informs the students and the examination committee members of the scheduled exam date.

### Examination Committee

By the sixth week of fall term in the second year, students submit to their advisors and to the director of graduate studies an MA Examination Committee form with the names of faculty members suggested to cover other examination periods and signed by the committee chair.

By the end of the tenth week of fall term in the second year, students submit a preliminary examination reading list of literary works on which to be examined to the members of their exam committees and to the director of graduate studies.

### Examination Reading List

Students construct a reading list, drawn up in consultation with the exam committee, using the departmental reading list and the syllabuses and

bibliographies of the seminars they have taken, as well as the summer reading done in preparation for the fall forum.

For students studying for the MA in French, Italian, or Spanish, the reading list consists of at least ten items in each of the four periods, drawn up in consultation with the exam committee. Of the ten works in each period, at least five must be chosen from the departmental reading list. The other works can be suggested by the student, based on his or her own interests and readings.

For students studying for the MA in Romance languages, the reading list consists of at least twelve items in each of the four periods: eight in the major language and four in the minor. Of the eight works in the major language, at least four must be chosen from the departmental reading list; all texts in the minor language must be chosen from the departmental reading list.

The examination reading list also contains two additional secondary readings (usually literary histories or general literary surveys) that cover the four periods, also drawn from the departmental reading list.

The final version of the examination reading list must be approved and signed by the student's exam committee and filed with the graduate secretary by the end of winter term of the second year. Students are responsible for distributing the approved reading list to the MA committee members as soon as the list is approved.

### Examination Questions

In all fields, one of the two exams must be answered in the candidate's major language; the other can be written in the major language or in English. Choice of language is to be determined in consultation with the committee chair.

The four members of the MA exam committee work together to prepare the questions for the candidate. The exam committee chair is responsible for collecting questions from the committee members and submitting them to the graduate secretary. On the first exam, the candidate answers four questions, choosing between two questions in each of four periods. On the second exam, the candidate chooses between two possible selections for the close reading analysis. The four members read and grade both exams and come to an agreement on the final grade to be submitted for each exam. The committee chair moderates this discussion, submits the grades to the graduate secretary, and communicates the results to the candidate. The student passes when the average grade for each exam is satisfactory (*low pass*, *pass* or *high pass*).

The master's examination is a closed book exam and therefore without footnotes or a bibliography. The exam must be typed using a twelve-point font, double-spaced.

Students who fail the master of arts examination in whole or in part will be allowed to take it over (in whole or in part) once. They are encouraged to do so during the course of the following term (usually the summer session) and no later than six months after failing. If they fail again, they are disqualified.

**Research: [Topic] (FR 601), Research: [Topic] (ITAL 601), or Research: [Topic] (SPAN 601) and Practicum: [Topic] (FR 606), Practicum: [Topic] (ITAL 606), or Practicum: [Topic] (SPAN 606).**

Students who hold a GTF appointment may register for 2 credits of Practicum or one credit of Research in order to complete the nine credits per term required by the Division of Graduate Studies (two graduate courses constitute 8 credits). During the first quarter of their first year, students holding a GTF appointment use Practicum to develop their

teaching skills in practical application. Students not holding a GTF appointment are encouraged to take a third course (for a total of 12 credits) or 1 credit of Research to work on an independent research project.

**Reading and Conference: [Topic] (FR 605), Reading and Conference: [Topic] (ITAL 605), or Reading and Conference: [Topic] (SPAN 605).**

Students may request to do a Reading and Conference course to address a specific problem on which no course currently exists. Before the end of the term preceding the Reading and Conference course, the student prepares a project proposal and submits it to the faculty member with whom he or she wants to work. The project proposal should include a statement of the problem the student wants to explore and a tentative reading list of primary and secondary sources. Only one 4-credit Reading and Conference course may be used to satisfy requirements for the MA degree.

**Reading and Conference: [Topic] (RL 605).** The purpose of this required independent reading course is to motivate students to begin reading during the summer following their first year in the MA program in preparation for the exams that will take place in the spring term of their second year.

During the spring term of the first year of the MA program, students present to their advisors a reading list of eight to ten works to be studied during the summer. The books must belong to no more than two of the periods defined by the MA program, and five of the books must be taken from the departmental reading list. At least one of the texts should be a literary history or a similar text about the period. This approved list (signed by the faculty advisor) will be submitted to the director of graduate studies before the end of the spring term.

In fall term, students will register for a 2-credit, graded Reading and Conference course with the director of graduate studies as the instructor of record.

In the third week of the fall term of the second year, students present the findings of their summer study in a public forum. This one-day forum is organized as a professional meeting, with a chair for each session, a discussion following the presentations, and refreshments. Most Romance language faculty members are present during these presentations, as well as all MA students.

Presentations are fifteen minutes long and delivered in English. Presentations focus on the main themes that students have explored in their readings. Students should be able to discuss both literary techniques and historical context of the period selected, providing examples from the books they have read. Plot summaries should be avoided.

At the end of the presentations, the faculty members meet to evaluate the presentations. On satisfactory completion of this exercise, students receive 2 graded credits for the course. If the faculty members find that a presentation was deficient, they recommend that the student do supervised reading with the faculty specialist in the period before being assigned a grade and receiving course credit.

## Italian (MA)

An estimated 180 million people worldwide speak Italian as their primary or secondary language. Almost 17 million North Americans identify as having Italian ancestry.

Italian culture is traditionally recognized for its rich contributions to art, architecture, music, literature, and philosophy. Today Italy attracts interest in a wide variety of areas, including tourism, its emigrant heritage, filmmaking, fashion industry, and gastronomy.

We offer an MA in Italian. The Master of Arts program consists of:

- Coursework (<https://italian.uoregon.edu/coursework-0/>)
- Fall Forum Presentation and Paper (<https://italian.uoregon.edu/fall-forum/>)
- Written Examinations (<https://italian.uoregon.edu/examinations/>)
- M.A. Research Project (<https://italian.uoregon.edu/ma-research-project/>)

The program is designed to be completed in two years.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

All courses must be taken on a graded basis. Coursework must be completed with grades of B– or better, and a grade point average (GPA) of 3.00 or better must be maintained.

A student whose knowledge of the language or languages is found to be deficient must take remedial work—an advanced writing class, additional study abroad, or some form of language immersion.

### Master of Arts: Italian

| Code                                                                      | Title                                              | Credits      |
|---------------------------------------------------------------------------|----------------------------------------------------|--------------|
| RL 608                                                                    | Workshop: [Topic] <sup>1</sup>                     | 2-4          |
| RL 620                                                                    | Graduate Study in Romance Languages <sup>2</sup>   | 2-4          |
| RL 623                                                                    | Romance Languages Colloquium: [Topic] <sup>3</sup> | 2-4          |
| RL 607                                                                    | Seminar: [Topic] <sup>3</sup>                      | 2            |
| Two graduate-level courses in medieval literature                         |                                                    | 8            |
| Two graduate-level courses in Renaissance literature                      |                                                    | 8            |
| Two graduate-level courses in 17th–19th century literature                |                                                    | 8            |
| Two graduate-level courses in literature from 20th century to the present |                                                    | 8            |
| Italian language courses                                                  |                                                    | 12           |
| Research project                                                          |                                                    |              |
| <b>Total Credits</b>                                                      |                                                    | <b>52-58</b> |

<sup>1</sup> Taken fall term of first year.

<sup>2</sup> Taken winter term of first year.

<sup>3</sup> Taken in preparation for second-year fall forum.

### Master of Arts Research Project

The degree requires a research project (either a master's essay or a pedagogy portfolio) that allows a student to expand his or her expertise in literary and cultural studies or in teaching language, literature, and culture. A faculty member oversees the development of the final product and evaluates it. The student must identify a faculty member willing to serve as director and secure his or her signature of approval for the project by the ninth week of spring term of the first year.

The research project should be between 6,000 and 9,000 words. In consultation with the research project director, the student chooses whether to write the project in a Romance language or in English.

Research projects are approved by the director and are referred to the student's MA examination committee (see below) for remediation if the work is found to be deficient or in need of revision. The director submits a final copy of the approved essay or portfolio to the department office by the last day of classes in spring term of the second year.

### Essay in Literary and Cultural Studies

This essay allows students to widen their knowledge in one or more Romance languages, literatures, and cultures. In addition, the essay permits students to focus in greater depth on writing formal academic prose, presenting an interpretation, constructing an argument, documenting sources and references, and honing persuasive strategies. At the end of the first year of study, the student chooses one of the seminar papers that he or she submitted during the first three terms of course work. During the summer session immediately following, the student expands and polishes the paper.

Students who plan to apply for the PhD program in Romance languages at the University of Oregon must complete an essay in literary and cultural studies.

### MA Pedagogy Portfolio in Teaching Language, Literature, and Culture

This project allows students to explore in depth specific issues of teaching a Romance language, its literature and cultures. The portfolio is designed in consultation with the director and serves to demonstrate the student's professional expertise. The portfolio may include the following documents: a coherent collection of teaching materials supported by a theoretical rationale; a description, personal assessment, and third-party evaluation of an internship experience (e.g., a participatory learning experience at the UO); a formal "philosophy of teaching" statement; documentation of participation in a professional conference; and other components as recommended by the director.

Students who plan to apply for the doctoral program in Romance languages at the University of Oregon must complete a master of arts essay in literary and cultural studies.

### Examinations

The master of arts examination comprises two four-hour exams taken in the seventh week of spring term in the second year.

For students studying for the MA in French, Italian, or Spanish, the first exam consists of one specific question in each of the four literary periods. The second exam consists of a detailed analysis of a short text in two parts: a close reading of the text and a consideration of the text in its social, historical, cultural, and/or literary contexts. The student, in consultation with the examination committee, chooses in which of the four periods this second exam is done.

The exams for the Romance languages MA are similar to those for French, Italian and Spanish. However, in the first exam students are asked to draw on examples from both their major and minor literatures in their answer to at least one of the questions. They are encouraged (but not required) to refer to both literatures in their answers to the other three short questions.

The graduate secretary informs the students and the examination committee members of the scheduled exam date.

### Examination Committee

By the sixth week of fall term in the second year, students submit to their advisors and to the director of graduate studies an MA Examination

Committee form with the names of faculty members suggested to cover other examination periods and signed by the committee chair.

By the end of the tenth week of fall term in the second year, students submit a preliminary examination reading list of literary works on which to be examined to the members of their exam committees and to the director of graduate studies.

### Examination Reading List

Students construct a reading list, drawn up in consultation with the exam committee, using the departmental reading list and the syllabuses and bibliographies of the seminars they have taken, as well as the summer reading done in preparation for the fall forum.

For students studying for the MA in French, Italian, or Spanish, the reading list consists of at least ten items in each of the four periods, drawn up in consultation with the exam committee. Of the ten works in each period, at least five must be chosen from the departmental reading list. The other works can be suggested by the student, based on his or her own interests and readings.

For students studying for the MA in Romance languages, the reading list consists of at least twelve items in each of the four periods: eight in the major language and four in the minor. Of the eight works in the major language, at least four must be chosen from the departmental reading list; all texts in the minor language must be chosen from the departmental reading list.

The examination reading list also contains two additional secondary readings (usually literary histories or general literary surveys) that cover the four periods, also drawn from the departmental reading list.

The final version of the examination reading list must be approved and signed by the student's exam committee and filed with the graduate secretary by the end of winter term of the second year. Students are responsible for distributing the approved reading list to the MA committee members as soon as the list is approved.

### Examination Questions

In all fields, one of the two exams must be answered in the candidate's major language; the other can be written in the major language or in English. Choice of language is to be determined in consultation with the committee chair.

The four members of the MA exam committee work together to prepare the questions for the candidate. The exam committee chair is responsible for collecting questions from the committee members and submitting them to the graduate secretary. On the first exam, the candidate answers four questions, choosing between two questions in each of four periods. On the second exam, the candidate chooses between two possible selections for the close reading analysis. The four members read and grade both exams and come to an agreement on the final grade to be submitted for each exam. The committee chair moderates this discussion, submits the grades to the graduate secretary, and communicates the results to the candidate. The student passes when the average grade for each exam is satisfactory (*low pass*, *pass* or *high pass*).

The master's examination is a closed book exam and therefore without footnotes or a bibliography. The exam must be typed using a twelve-point font, double-spaced.

Students who fail the master of arts examination in whole or in part will be allowed to take it over (in whole or in part) once. They are encouraged to do so during the course of the following term (usually the summer

session) and no later than six months after failing. If they fail again, they are disqualified.

**Research: [Topic] (FR 601), Research: [Topic] (ITAL 601), or Research: [Topic] (SPAN 601) and Practicum: [Topic] (FR 606), Practicum: [Topic] (ITAL 606), or Practicum: [Topic] (SPAN 606).**

Students who hold a GTF appointment may register for 2 credits of Practicum or one credit of Research in order to complete the nine credits per term required by the Division of Graduate Studies (two graduate courses constitute 8 credits). During the first quarter of their first year, students holding a GTF appointment use Practicum to develop their teaching skills in practical application. Students not holding a GTF appointment are encouraged to take a third course (for a total of 12 credits) or 1 credit of Research to work on an independent research project.

**Reading and Conference: [Topic] (FR 605), Reading and Conference: [Topic] (ITAL 605), or Reading and Conference: [Topic] (SPAN 605).**

Students may request to do a Reading and Conference course to address a specific problem on which no course currently exists. Before the end of the term preceding the Reading and Conference course, the student prepares a project proposal and submits it to the faculty member with whom he or she wants to work. The project proposal should include a statement of the problem the student wants to explore and a tentative reading list of primary and secondary sources. Only one 4-credit Reading and Conference course may be used to satisfy requirements for the MA degree.

**Reading and Conference: [Topic] (RL 605).** The purpose of this required independent reading course is to motivate students to begin reading during the summer following their first year in the MA program in preparation for the exams that will take place in the spring term of their second year.

During the spring term of the first year of the MA program, students present to their advisors a reading list of eight to ten works to be studied during the summer. The books must belong to no more than two of the periods defined by the MA program, and five of the books must be taken from the departmental reading list. At least one of the texts should be a literary history or a similar text about the period. This approved list (signed by the faculty advisor) will be submitted to the director of graduate studies before the end of the spring term.

In fall term, students will register for a 2-credit, graded Reading and Conference course with the director of graduate studies as the instructor of record.

In the third week of the fall term of the second year, students present the findings of their summer study in a public forum. This one-day forum is organized as a professional meeting, with a chair for each session, a discussion following the presentations, and refreshments. Most Romance language faculty members are present during these presentations, as well as all MA students.

Presentations are fifteen minutes long and delivered in English. Presentations focus on the main themes that students have explored in their readings. Students should be able to discuss both literary techniques and historical context of the period selected, providing examples from the books they have read. Plot summaries should be avoided.

At the end of the presentations, the faculty members meet to evaluate the presentations. On satisfactory completion of this exercise, students receive 2 graded credits for the course. If the faculty members find



that a presentation was deficient, they recommend that the student do supervised reading with the faculty specialist in the period before being assigned a grade and receiving course credit.

## Romance Languages (MA)

The Department of Romance Languages offers an extensive range of courses and degree programs, from instruction in beginning languages through the study of the literatures and cultures of French-, Italian-, Portuguese-, and Spanish-speaking countries. Students can earn a bachelor of arts (BA) degree in French, Italian, Spanish, or Romance languages; the master of arts (MA) is also available in these areas. The doctor of philosophy (PhD), is awarded in either Spanish or Romance languages (RL). The RL PhD encompasses a primary language and literature and a supporting area. Romance languages is a liberal-arts major, providing a valuable background for students interested in graduate work, teaching, and a wide array of other professional and international careers that require strong analytical and communication skills.

### Preparation

The department recommends the following preparation for study leading to a major in any of the Romance languages:

1. As much work as possible in the student's major language. Knowledge of a second Romance language is helpful but not required
2. Knowledge of the history, geography, and politics of the areas where the student's major language is spoken
3. Communication skills, speech, and essay writing that help the student convey ideas logically. In literature and film courses, papers or essay examinations are generally required
4. Experience in literary and cultural studies and linguistics

### Careers

Students who graduate with a bachelor of arts degree in Romance languages typically enter a variety of occupations. Language teaching is an obvious possibility. Proficiency in a second language and knowledge of other cultures enhances study and career opportunities in other areas as well. Romance languages majors, especially those who have a second major in another discipline (e.g., art history, business administration, economics, family and human services, history, international studies, journalism, music, or political science) find positions in communications media, government foreign service, international business and law, libraries, social service organizations, and travel and tourist-related agencies, among others.

### Faculty

Faculty members in the Department of Romance Languages actively participate in other UO interdisciplinary programs and departments (e.g., African studies, cinema studies, comparative literature, European studies, Latin American studies, linguistics, medieval studies, and women's and gender studies). For descriptions, see those sections of this catalog.

### Scholarships

The department administers scholarships for undergraduate and graduate students of Romance languages:

- The Beall Graduate Dissertation Scholarship is awarded to doctoral students to support dissertation writing

- The Françoise Calin scholarship is awarded every year to a French major or minor
- The Leona M. Kail Scholarship supports studies in the Department of Romance Languages (Offered on alternate years.)
- Wayne Andre Gottshall Fund supports undergraduate students in studies in the Department of Romance Languages
- The Emmanuel Hatzantonis Scholarship is awarded every year to a Romance languages major or minor who is studying in Italy with the university's overseas study program
- Dr. Carl L. Johnson Scholarship supports studies in the Department of Romance Languages with preference to French majors.
- The Helen Fe Jones Spanish Student Fellowship supports study abroad in a Spanish-speaking country
- The Perry J. Powers Scholarship is awarded annually to an outstanding Romance languages student
- The Charles Stickles Endowment Scholarship is awarded for study in a Spanish-speaking country
- Nicolette B. Weicker Memorial Scholarship is awarded with preference to students specializing in French or Italian.
- The James T. and Mary Alice Wetzel Graduate Scholarship is awarded every year to an outstanding graduate student in the Department of Romance Languages

More information may be obtained from the department office in early January or on the department website, [rl.uoregon.edu/scholarships](http://rl.uoregon.edu/scholarships) (<http://rl.uoregon.edu/scholarships/>).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

All courses must be taken on a graded basis. Coursework must be completed with grades of B– or better, and a grade point average (GPA) of 3.00 or better must be maintained.

A student whose knowledge of the language or languages is found to be deficient must take remedial work—an advanced writing class, additional study abroad, or some form of language immersion.

### Master of Arts: Romance Language

| Code                                                                                        | Title                                              | Credits |
|---------------------------------------------------------------------------------------------|----------------------------------------------------|---------|
| RL 608                                                                                      | Workshop: [Topic] <sup>1</sup>                     | 2-4     |
| RL 620                                                                                      | Graduate Study in Romance Languages <sup>2</sup>   | 2-4     |
| RL 623                                                                                      | Romance Languages Colloquium: [Topic] <sup>3</sup> | 2-4     |
| RL 607                                                                                      | Seminar: [Topic] <sup>3</sup>                      | 2       |
| Graduate-level course in each literary period in major language (see Literary Periods list) |                                                    | 16      |
| Graduate-level course in each of two periods in major language                              |                                                    | 8       |
| Graduate-level course in each literary period in minor language                             |                                                    | 16      |
| Research project                                                                            |                                                    |         |
| Total Credits                                                                               |                                                    | 48-54   |



## Literary Periods

- French
  - medieval and Renaissance
  - 17th–18th centuries
  - 1830–1945
  - 1945 to the present
- Italian
  - medieval
  - Renaissance
  - 17th–19th centuries
  - 20th century to the present
- Spanish
  - 11th century–1605
  - 1605–1810
  - 1810–1939
  - 1939 to the present

## Master of Arts Research Project

The degree requires a research project (either a master's essay or a pedagogy portfolio) that allows a student to expand his or her expertise in literary and cultural studies or in teaching language, literature, and culture. A faculty member oversees the development of the final product and evaluates it. The student must identify a faculty member willing to serve as director and secure his or her signature of approval for the project by the ninth week of spring term of the first year.

The research project should be between 6,000 and 9,000 words. In consultation with the research project director, the student chooses whether to write the project in a Romance language or in English.

Research projects are approved by the director and are referred to the student's MA examination committee (see below) for remediation if the work is found to be deficient or in need of revision. The director submits a final copy of the approved essay or portfolio to the department office by the last day of classes in spring term of the second year.

### Essay in Literary and Cultural Studies

This essay allows students to widen their knowledge in one or more Romance languages, literatures, and cultures. In addition, the essay permits students to focus in greater depth on writing formal academic prose, presenting an interpretation, constructing an argument, documenting sources and references, and honing persuasive strategies. At the end of the first year of study, the student chooses one of the seminar papers that he or she submitted during the first three terms of course work. During the summer session immediately following, the student expands and polishes the paper.

Students who plan to apply for the PhD program in Romance languages at the University of Oregon must complete an essay in literary and cultural studies.

### MA Pedagogy Portfolio in Teaching Language, Literature, and Culture

This project allows students to explore in depth specific issues of teaching a Romance language, its literature and cultures. The portfolio is designed in consultation with the director and serves to demonstrate the student's professional expertise. The portfolio may include the following documents: a coherent collection of teaching materials supported by a theoretical rationale; a description, personal assessment, and third-party evaluation of an internship experience (e.g., a participatory learning

experience at the UO); a formal "philosophy of teaching" statement; documentation of participation in a professional conference; and other components as recommended by the director.

Students who plan to apply for the doctoral program in Romance languages at the University of Oregon must complete a master of arts essay in literary and cultural studies.

## Examinations

The master of arts examination comprises two four-hour exams taken in the seventh week of spring term in the second year.

For students studying for the MA in French, Italian, or Spanish, the first exam consists of one specific question in each of the four literary periods. The second exam consists of a detailed analysis of a short text in two parts: a close reading of the text and a consideration of the text in its social, historical, cultural, and/or literary contexts. The student, in consultation with the examination committee, chooses in which of the four periods this second exam is done.

The exams for the Romance languages MA are similar to those for French, Italian and Spanish. However, in the first exam students are asked to draw on examples from both their major and minor literatures in their answer to at least one of the questions. They are encouraged (but not required) to refer to both literatures in their answers to the other three short questions.

The graduate secretary informs the students and the examination committee members of the scheduled exam date.

## Examination Committee

By the sixth week of fall term in the second year, students submit to their advisors and to the director of graduate studies an MA Examination Committee form with the names of faculty members suggested to cover other examination periods and signed by the committee chair.

By the end of the tenth week of fall term in the second year, students submit a preliminary examination reading list of literary works on which to be examined to the members of their exam committees and to the director of graduate studies.

### Examination Reading List

Students construct a reading list, drawn up in consultation with the exam committee, using the departmental reading list and the syllabuses and bibliographies of the seminars they have taken, as well as the summer reading done in preparation for the fall forum.

For students studying for the MA in French, Italian, or Spanish, the reading list consists of at least ten items in each of the four periods, drawn up in consultation with the exam committee. Of the ten works in each period, at least five must be chosen from the departmental reading list. The other works can be suggested by the student, based on his or her own interests and readings.

For students studying for the MA in Romance languages, the reading list consists of at least twelve items in each of the four periods: eight in the major language and four in the minor. Of the eight works in the major language, at least four must be chosen from the departmental reading list; all texts in the minor language must be chosen from the departmental reading list.

The examination reading list also contains two additional secondary readings (usually literary histories or general literary surveys) that cover the four periods, also drawn from the departmental reading list.

The final version of the examination reading list must be approved and signed by the student's exam committee and filed with the graduate secretary by the end of winter term of the second year. Students are responsible for distributing the approved reading list to the MA committee members as soon as the list is approved.

### Examination Questions

In all fields, one of the two exams must be answered in the candidate's major language; the other can be written in the major language or in English. Choice of language is to be determined in consultation with the committee chair.

The four members of the MA exam committee work together to prepare the questions for the candidate. The exam committee chair is responsible for collecting questions from the committee members and submitting them to the graduate secretary. On the first exam, the candidate answers four questions, choosing between two questions in each of four periods. On the second exam, the candidate chooses between two possible selections for the close reading analysis. The four members read and grade both exams and come to an agreement on the final grade to be submitted for each exam. The committee chair moderates this discussion, submits the grades to the graduate secretary, and communicates the results to the candidate. The student passes when the average grade for each exam is satisfactory (*low pass*, *pass* or *high pass*).

The master's examination is a closed book exam and therefore without footnotes or a bibliography. The exam must be typed using a twelve-point font, double-spaced.

Students who fail the master of arts examination in whole or in part will be allowed to take it over (in whole or in part) once. They are encouraged to do so during the course of the following term (usually the summer session) and no later than six months after failing. If they fail again, they are disqualified.

**Research: [Topic] (FR 601), Research: [Topic] (ITAL 601), or Research: [Topic] (SPAN 601) and Practicum: [Topic] (FR 606), Practicum: [Topic] (ITAL 606), or Practicum: [Topic] (SPAN 606).**

Students who hold a GTF appointment may register for 2 credits of Practicum or one credit of Research in order to complete the nine credits per term required by the Division of Graduate Studies (two graduate courses constitute 8 credits). During the first quarter of their first year, students holding a GTF appointment use Practicum to develop their teaching skills in practical application. Students not holding a GTF appointment are encouraged to take a third course (for a total of 12 credits) or 1 credit of Research to work on an independent research project.

**Reading and Conference: [Topic] (FR 605), Reading and Conference: [Topic] (ITAL 605), or Reading and Conference: [Topic] (SPAN 605).**

Students may request to do a Reading and Conference course to address a specific problem on which no course currently exists. Before the end of the term preceding the Reading and Conference course, the student prepares a project proposal and submits it to the faculty member with whom he or she wants to work. The project proposal should include a statement of the problem the student wants to explore and a tentative reading list of primary and secondary sources. Only one 4-credit Reading and Conference course may be used to satisfy requirements for the MA degree.

**Reading and Conference: [Topic] (RL 605).** The purpose of this required independent reading course is to motivate students to begin reading during the summer following their first year in the MA program in preparation for the exams that will take place in the spring term of their second year.

During the spring term of the first year of the MA program, students present to their advisors a reading list of eight to ten works to be studied during the summer. The books must belong to no more than two of the periods defined by the MA program, and five of the books must be taken from the departmental reading list. At least one of the texts should be a literary history or a similar text about the period. This approved list (signed by the faculty advisor) will be submitted to the director of graduate studies before the end of the spring term.

In fall term, students will register for a 2-credit, graded Reading and Conference course with the director of graduate studies as the instructor of record.

In the third week of the fall term of the second year, students present the findings of their summer study in a public forum. This one-day forum is organized as a professional meeting, with a chair for each session, a discussion following the presentations, and refreshments. Most Romance language faculty members are present during these presentations, as well as all MA students.

Presentations are fifteen minutes long and delivered in English. Presentations focus on the main themes that students have explored in their readings. Students should be able to discuss both literary techniques and historical context of the period selected, providing examples from the books they have read. Plot summaries should be avoided.

At the end of the presentations, the faculty members meet to evaluate the presentations. On satisfactory completion of this exercise, students receive 2 graded credits for the course. If the faculty members find that a presentation was deficient, they recommend that the student do supervised reading with the faculty specialist in the period before being assigned a grade and receiving course credit.

## Romance Languages (PhD)

<http://rl.uoregon.edu> (<http://rl.uoregon.edu/>)

**David Wacks, Department Head**

541-346-4021

541-346-4030 fax

119 Friendly Hall

1233 University of Oregon

Eugene, Oregon 97403-1233

The Department of Romance Languages the degree of doctor of philosophy (PhD) in Romance languages.

The PhD program allows students to focus on a specific literary and/or cultural field of interest.

Students follow these degree programs in an intellectually stimulating and supportive environment, characterized by close personal supervision, interdisciplinary approaches to literary and cultural studies, and professional training in both research methods and foreign-language pedagogy.

The university's library resources for research in French, Italian, and Spanish support the department's graduate programs; in some fields they are outstanding. The library's holdings of learned periodicals are extensive.

The PhD program in Romance languages is designed to provide

- a thorough familiarity with several fields (e.g., a movement, a genre, a period, or a literary problem)
- the opportunity to situate the student's special interests in the wider context of Romance languages and literatures as well as in the context of trends inside and outside Western European culture
- the tools necessary to engage literary issues at a high level
- the ability to examine new and challenging literary or theoretical perspectives

Students who enter the PhD program with no knowledge of a second Romance language are required to start learning one as soon as possible during their graduate studies.

The PhD program has five components: course work, comprehensive examination, dissertation prospectus, original dissertation, and final oral defense.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content knowledge.
- Demonstrate effective oral and written communication skills in discipline-specific genres.
- Conduct independent research and analysis in their discipline.
- Demonstrate independent scientific thinking and advanced knowledge in their current discipline and in related areas of their discipline.
- Understand ethical issues and responsibilities especially in matters related to professionalism, field work, and in writing and publishing theses, dissertations and academic papers.
- Professionalization into the field of study: publications, presentations, attended conferences, funded fellowships, and professional association activities.

## Course Work

The PhD degree requires a total of 84 graduate-level credits—32 credits in addition to the 52 required for the master's degree. Course work applied to the degree must be taken for letter grades, and a grade point average (GPA) of 3.00 or better must be maintained.

Students must complete at least 21 graduate seminars in the department (at least 84 credits in all) beyond the bachelor's degree. PhD students must thus take at least 8 graduate courses (32 credits) beyond the 13 courses (52 credits) required for the master's. Only one of these 8 courses (4 credits) may be satisfied in the form of a Reading and Conference course (Reading and Conference: [Topic] (FR 605), Reading and Conference: [Topic] (ITAL 605), or Reading and Conference: [Topic] (SPAN 605)).

Of the twenty-one courses (84 credits), three (12 credits) must be taken in a second Romance language.

As many as three of the twenty-one courses (12 of the 84 credits) may be taken outside the department, with the authorization of the advisor, and provided that the courses bear directly on the student's program of study.

Doctoral students are also strongly encouraged to take Romance Languages Colloquium: [Topic] (RL 623) for at least two credits. Colloquium may either be taken as a 2-credit pass/no pass course (in which case it does not count toward the 52 credits required for the degree) or as a 4-credit graded course.

Students with an MA in French, Italian, Spanish, or Romance languages from the University of Oregon may count a maximum of two graduate courses completed during the MA program toward PhD course requirements, provided that these courses were not used to fulfill MA requirements.

Graduate students with an MA in French, Italian, Spanish, or Romance languages from another institution must take a minimum of 40 credits in the Department of Romance Languages. The department's graduate committee evaluates previous graduate course work and determines whether additional work is necessary to fill any gaps in a student's preparation. This may result in a student having to take more than 40 credits at the University of Oregon—up to a maximum of 68 credits. If the candidate is found to be seriously deficient or if the master's degree is in a field other than Romance languages, the graduate committee may admit the student into the master's program. In this case, the student may submit a petition to the committee to transfer a maximum of three courses toward the twelve courses required for the MA. This petition may be submitted after the student has completed four graduate-level courses with grades of mid-B or better in the Romance languages master's program.

\*Students typically will register for RL 601 or RL 605 during the terms that they are preparing for exams or writing their prospectus, and will register RL 603 Dissertation (18 credits) while writing their dissertation.

## Comprehensive Examination

Students entering the PhD program should develop, as soon as possible but no later than the third term of course work beyond the master's degree, a field of interest that forms the basis of their research for the PhD comprehensive examination and ideally for the dissertation. This field of interest usually emerges from the selected courses and shapes the areas of concentration represented on the comprehensive examination.

The comprehensive examination consists of two written examinations and an oral examination. Each written examination covers a subfield that pertains to the student's field of interest. The subfields should be defined and prepared with three members of the Romance languages faculty who constitute the PhD examination committee. One of these faculty members should represent the student's second Romance language. A fourth member may be added from another department. In consultation with the members of the examination committee, the student creates a reading list for each of the subfields. The reading list must be approved by the examination committee no later than four weeks before the date of the exam. Students are responsible for distributing the reading list to the committee members of the examination committee as soon as the list is approved.

The written examinations take the form of two essays that respond to questions formulated by members of the PhD examination committee. Each written examination covers one of the subfields and is a maximum

of twenty double-spaced, typed pages in length. The student has two weeks to write each of the two essays.

Two weeks after the successful completion of the written essays, the student takes an oral examination. The oral examination attempts to integrate the subfields addressed in the written examinations with the other facets of the student's declared field of interest. In a two-hour conversation, the candidate and the committee members examine and elaborate on ways in which the written essays help to define a project within the student's field of interest.

Typically undertaken during the fifth term of study following the master's degree, the comprehensive examination should result in clarification of the dissertation's subject matter and possible approaches to it. The exam should, in other words, yield at least a tentative dissertation topic.

A student who fails the PhD examination in whole or in part will be allowed to take it over (in whole or in part) once. The student is encouraged to do so no later than six months after failing. A second failure results in disqualification.

It is the student's responsibility to schedule both the written and oral portions of the comprehensive examination.

With the successful completion of the PhD comprehensive exam, the student will advance to candidacy and begin preparing the dissertation prospectus.

## Dissertation Prospectus

The prospectus, typically completed during the sixth term of study following the master's degree, defines the scope of the dissertation and demonstrates the originality of the project. It consists of an eight- to ten-page description of the proposed dissertation project and a substantial research bibliography of primary and secondary material.

Students are responsible for putting together a dissertation committee, which typically consists of four members: one director and two readers from the Department of Romance Languages, and one reader from another department. A student may also choose to have two codirectors in the Department of Romance Languages (plus two further members of the department).

When the student has a solid draft of the prospectus, she or he schedules a meeting with the dissertation committee members for a presentation and discussion of the prospectus. Following this conversation, the student will make final revisions to the prospectus. Once the committee has given its final approval, the student submits the prospectus to the department for filing.

Students are reminded that they must have a dissertation committee in place and proper documents filed with the Division of Graduate Studies six months before the dissertation defense.

Any student making significant changes to the dissertation project after the final approval of the prospectus must schedule a meeting with the dissertation committee before proceeding.

## Dissertation

The dissertation constitutes an original and valuable contribution to scholarship in the student's field of interest. It should be characterized by mature literary interpretation, informed and reasoned argument, and an awareness of the means and goals of research.

It is the student's responsibility to ascertain the rules and deadlines of the Division of Graduate Studies for proper filing of the dissertation. Students are strongly encouraged to familiarize themselves with the stringent formatting and structure guidelines for the dissertation provided by the Division of Graduate Studies (available online).

A final copy of the dissertation must be distributed to the dissertation committee for final approval at least three weeks before the dissertation defense.

## Final Oral Defense

When all members of the dissertation committee have approved the dissertation, a final public oral presentation and defense of the work is held.

## Spanish (MA)

<http://rl.uoregon.edu> (<http://rl.uoregon.edu/>)

### David Wacks, Department Head

541-346-4021  
541-346-4030 fax  
119 Friendly Hall  
1233 University of Oregon  
Eugene, Oregon 97403-1233

Spanish is the official language of twenty-one countries in the world, and it is the second most spoken language in the United States. Our department pioneers the teaching of Spanish as a Heritage Language. (<https://shl.uoregon.edu/>)

We provide classes in Spanish that help students develop linguistic abilities with an emphasis on real-world proficiency, as well as introduce students to the major historical and cultural phenomena that characterize the Spanish-speaking world.

We offer both MA and PhD programs in Spanish. Most of our graduate students have a Graduate Employee (GE) position that provides a tuition waiver, health insurance, and a stipend to cover living expenses. We also offer scholarships and support for travel to professional meetings.

The master's degree program provides solid grounding and broad coverage in the literatures and cultures of each of the language areas. The university's library resources for research in Spanish support the department's graduate programs; in some fields they are outstanding. The library's holdings of learned periodicals are extensive.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

All courses must be taken on a graded basis. Coursework must be completed with grades of B– or better, and a grade point average (GPA) of 3.00 or better must be maintained.

A student whose knowledge of the language or languages is found to be deficient must take remedial work—an advanced writing class, additional study abroad, or some form of language immersion.

## Master of Arts: Spanish

| Code   | Title                                            | Credits |
|--------|--------------------------------------------------|---------|
| RL 608 | Workshop: [Topic] <sup>1</sup>                   | 2-4     |
| RL 620 | Graduate Study in Romance Languages <sup>2</sup> | 2-4     |



|                                                                    |                                                    |              |
|--------------------------------------------------------------------|----------------------------------------------------|--------------|
| RL 623                                                             | Romance Languages Colloquium: [Topic] <sup>3</sup> | 2-4          |
| RL 607                                                             | Seminar: [Topic] <sup>3</sup>                      | 2            |
| Two graduate-level courses in literature from 11th century to 1605 |                                                    | 8            |
| Two graduate-level courses in literature from 1605 to 1810         |                                                    | 8            |
| Two graduate-level courses in literature from 1810 to 1939         |                                                    | 8            |
| Two graduate-level courses in literature from 1939 to the present  |                                                    | 8            |
| Spanish language courses                                           |                                                    | 12           |
| Research project                                                   |                                                    |              |
| <b>Total Credits</b>                                               |                                                    | <b>52-58</b> |

<sup>1</sup> Taken fall term of first year.

<sup>2</sup> Taken winter term of first year.

<sup>3</sup> Taken in preparation for second-year fall forum.

## Master of Arts Research Project

The degree requires a research project (either a master's essay or a pedagogy portfolio) that allows a student to expand his or her expertise in literary and cultural studies or in teaching language, literature, and culture. A faculty member oversees the development of the final product and evaluates it. The student must identify a faculty member willing to serve as director and secure his or her signature of approval for the project by the ninth week of spring term of the first year.

The research project should be between 6,000 and 9,000 words. In consultation with the research project director, the student chooses whether to write the project in a Romance language or in English.

Research projects are approved by the director and are referred to the student's MA examination committee (see below) for remediation if the work is found to be deficient or in need of revision. The director submits a final copy of the approved essay or portfolio to the department office by the last day of classes in spring term of the second year.

## Essay in Literary and Cultural Studies

This essay allows students to widen their knowledge in one or more Romance languages, literatures, and cultures. In addition, the essay permits students to focus in greater depth on writing formal academic prose, presenting an interpretation, constructing an argument, documenting sources and references, and honing persuasive strategies. At the end of the first year of study, the student chooses one of the seminar papers that he or she submitted during the first three terms of course work. During the summer session immediately following, the student expands and polishes the paper.

Students who plan to apply for the PhD program in Romance languages at the University of Oregon must complete an essay in literary and cultural studies.

## MA Pedagogy Portfolio in Teaching Language, Literature, and Culture

This project allows students to explore in depth specific issues of teaching a Romance language, its literature and cultures. The portfolio is designed in consultation with the director and serves to demonstrate the student's professional expertise. The portfolio may include the following documents: a coherent collection of teaching materials supported by a theoretical rationale; a description, personal assessment, and third-party evaluation of an internship experience (e.g., a participatory learning experience at the UO); a formal "philosophy of teaching" statement;

documentation of participation in a professional conference; and other components as recommended by the director.

Students who plan to apply for the doctoral program in Romance languages at the University of Oregon must complete a master of arts essay in literary and cultural studies.

## Examinations

The master of arts examination comprises two four-hour exams taken in the seventh week of spring term in the second year.

For students studying for the MA in French, Italian, or Spanish, the first exam consists of one specific question in each of the four literary periods. The second exam consists of a detailed analysis of a short text in two parts: a close reading of the text and a consideration of the text in its social, historical, cultural, and/or literary contexts. The student, in consultation with the examination committee, chooses in which of the four periods this second exam is done.

The exams for the Romance languages MA are similar to those for French, Italian and Spanish. However, in the first exam students are asked to draw on examples from both their major and minor literatures in their answer to at least one of the questions. They are encouraged (but not required) to refer to both literatures in their answers to the other three short questions.

The graduate secretary informs the students and the examination committee members of the scheduled exam date.

## Examination Committee

By the sixth week of fall term in the second year, students submit to their advisors and to the director of graduate studies an MA Examination Committee form with the names of faculty members suggested to cover other examination periods and signed by the committee chair.

By the end of the tenth week of fall term in the second year, students submit a preliminary examination reading list of literary works on which to be examined to the members of their exam committees and to the director of graduate studies.

## Examination Reading List

Students construct a reading list, drawn up in consultation with the exam committee, using the departmental reading list and the syllabuses and bibliographies of the seminars they have taken, as well as the summer reading done in preparation for the fall forum.

For students studying for the MA in French, Italian, or Spanish, the reading list consists of at least ten items in each of the four periods, drawn up in consultation with the exam committee. Of the ten works in each period, at least five must be chosen from the departmental reading list. The other works can be suggested by the student, based on his or her own interests and readings.

For students studying for the MA in Romance languages, the reading list consists of at least twelve items in each of the four periods: eight in the major language and four in the minor. Of the eight works in the major language, at least four must be chosen from the departmental reading list; all texts in the minor language must be chosen from the departmental reading list.

The examination reading list also contains two additional secondary readings (usually literary histories or general literary surveys) that cover the four periods, also drawn from the departmental reading list.



The final version of the examination reading list must be approved and signed by the student's exam committee and filed with the graduate secretary by the end of winter term of the second year. Students are responsible for distributing the approved reading list to the MA committee members as soon as the list is approved.

### Examination Questions

In all fields, one of the two exams must be answered in the candidate's major language; the other can be written in the major language or in English. Choice of language is to be determined in consultation with the committee chair.

The four members of the MA exam committee work together to prepare the questions for the candidate. The exam committee chair is responsible for collecting questions from the committee members and submitting them to the graduate secretary. On the first exam, the candidate answers four questions, choosing between two questions in each of four periods. On the second exam, the candidate chooses between two possible selections for the close reading analysis. The four members read and grade both exams and come to an agreement on the final grade to be submitted for each exam. The committee chair moderates this discussion, submits the grades to the graduate secretary, and communicates the results to the candidate. The student passes when the average grade for each exam is satisfactory (*low pass*, *pass* or *high pass*).

The master's examination is a closed book exam and therefore without footnotes or a bibliography. The exam must be typed using a twelve-point font, double-spaced.

Students who fail the master of arts examination in whole or in part will be allowed to take it over (in whole or in part) once. They are encouraged to do so during the course of the following term (usually the summer session) and no later than six months after failing. If they fail again, they are disqualified.

**Research: [Topic] (FR 601), Research: [Topic] (ITAL 601), or Research: [Topic] (SPAN 601) and Practicum: [Topic] (FR 606), Practicum: [Topic] (ITAL 606), or Practicum: [Topic] (SPAN 606).**

Students who hold a GTF appointment may register for 2 credits of Practicum or one credit of Research in order to complete the nine credits per term required by the Division of Graduate Studies (two graduate courses constitute 8 credits). During the first quarter of their first year, students holding a GTF appointment use Practicum to develop their teaching skills in practical application. Students not holding a GTF appointment are encouraged to take a third course (for a total of 12 credits) or 1 credit of Research to work on an independent research project.

**Reading and Conference: [Topic] (FR 605), Reading and Conference: [Topic] (ITAL 605), or Reading and Conference: [Topic] (SPAN 605).**

Students may request to do a Reading and Conference course to address a specific problem on which no course currently exists. Before the end of the term preceding the Reading and Conference course, the student prepares a project proposal and submits it to the faculty member with whom he or she wants to work. The project proposal should include a statement of the problem the student wants to explore and a tentative reading list of primary and secondary sources. Only one 4-credit Reading and Conference course may be used to satisfy requirements for the MA degree.

**Reading and Conference: [Topic] (RL 605).** The purpose of this required independent reading course is to motivate students to begin reading during the summer following their first year in the MA program in

preparation for the exams that will take place in the spring term of their second year.

During the spring term of the first year of the MA program, students present to their advisors a reading list of eight to ten works to be studied during the summer. The books must belong to no more than two of the periods defined by the MA program, and five of the books must be taken from the departmental reading list. At least one of the texts should be a literary history or a similar text about the period. This approved list (signed by the faculty advisor) will be submitted to the director of graduate studies before the end of the spring term.

In fall term, students will register for a 2-credit, graded Reading and Conference course with the director of graduate studies as the instructor of record.

In the third week of the fall term of the second year, students present the findings of their summer study in a public forum. This one-day forum is organized as a professional meeting, with a chair for each session, a discussion following the presentations, and refreshments. Most Romance language faculty members are present during these presentations, as well as all MA students.

Presentations are fifteen minutes long and delivered in English. Presentations focus on the main themes that students have explored in their readings. Students should be able to discuss both literary techniques and historical context of the period selected, providing examples from the books they have read. Plot summaries should be avoided.

At the end of the presentations, the faculty members meet to evaluate the presentations. On satisfactory completion of this exercise, students receive 2 graded credits for the course. If the faculty members find that a presentation was deficient, they recommend that the student do supervised reading with the faculty specialist in the period before being assigned a grade and receiving course credit.

## Spanish (PhD)

Spanish is the official language of twenty-one countries in the world, and it is the second most spoken language in the United States. Our department pioneers the teaching of Spanish as a Heritage Language. (<https://shl.uoregon.edu/>)

We provide classes in Spanish that help students develop linguistic abilities with an emphasis on real-world proficiency, as well as introduce students to the major historical and cultural phenomena that characterize the Spanish-speaking world.

We offer both MA and PhD programs in Spanish. Most of our graduate students have a Graduate Employee (GE) position that provides a tuition waiver, health insurance, and a stipend to cover living expenses. We also offer scholarships and support for travel to professional meetings.

Coursework for the PhD in Spanish allows students to:

- acquire exposure to a broad range of theoretical perspectives and methodological approaches
- develop expertise in a primary and secondary field
- broaden and deepen their conception of the Ph.D. Scholarly Project/ dissertation
- acquire exposure to interdisciplinary comparative approaches, transnational connections, and minority languages and cultures

- join and/or establish professional networks in their chosen discipline(s)

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content knowledge.
- Demonstrate effective oral and written communication skills in discipline-specific genres.
- Conduct independent research and analysis in their discipline.
- Demonstrate independent scientific thinking and advanced knowledge in their current discipline and in related areas of their discipline.
- Understand ethical issues and responsibilities especially in matters related to professionalism, field work, and in writing and publishing theses, dissertations and academic papers.
- Professionalization into the field of study: publications, presentations, attended conferences, funded fellowships, and professional association activities.

Course requirements depend on students' credentials when admitted. Students entering with a B.A must complete 80 credits; students holding an M.A. degree in an appropriate field (see Admissions section) must complete 40 credits. All credits must be taken graded and at the graduate level (500-600). Distribution of course requirements for the PhD is as follows:

1. RL 616 Language teaching methods (4 credits)
2. RL 620 Graduate Study in RL (4 credits)
3. RL 623 RL Colloquium (4 credits)
4. 4 courses in primary area (16 credits)
5. 3 courses in secondary area (12 credits)
6. RL 603 Dissertation (18 credits)

Students typically will register for RL 601 or RL 605 during the terms that they are preparing for exams, and for RL 603 when writing their prospectus.

PhD students who are teaching take Span 609 1st year Pedagogy or Span 609 2nd year Pedagogy (2 credits), which requires weekly meetings with their teaching supervisor and provides training that prepares them further to teach their classes successfully.

ourses should come primarily from the Romance Languages department, but this distribution can be met with courses from any department on campus, with approval from the student's advisor(s). Of the 6 courses taken in Primary and Secondary areas, at least 4 of them should be in Spanish. For courses taken outside RL, research papers should deal with the Spanish language and/or the communities where it is used, and serve to prepare the student for the Scholarly Project and/or dissertation (see below).

### Second-language requirement

In addition to Spanish, students must demonstrate proficiency in a second language that is relevant to their research interests and that will allow them to participate in additional academic discourse communities.

This may be another Romance language taught in the department (French, Italian, or Portuguese) or another language relevant to their research (Latin, Arabic, or Ladino; Basque, Catalan, or Galician; Nahuatl, Quechua, or Yucatec Maya; Caló or Spanglish, etc.). Students will justify their choice of second language and how they will evidence competency in the annual review at the end of their first year.

Students can fulfill the second-language requirement in several ways, as follows:

- Completing one graduate course (4 graded credits) in a second Romance language: French, Italian, Spanish or Portuguese or RL-prefix course structured around readings in one of these languages.
- Completing one graduate course (4 graded credits) in an approved language outside the Romance Languages department.

With the approval of the adviser(s) and the Director of Graduate Studies, students may design a program of study or language experience on or off campus (e.g., a study abroad program) that evidences/results in a proficiency level appropriate for research.

The students' faculty adviser(s) will indicate that the second-language requirement has been satisfied through one of the options above by submitting an email to the Director of Graduate Studies and the Graduate Program Coordinator.

---

**Students entering the SPAN PhD program with a BA** will need take a total of 20 courses (80 credits) to complete their PhD requirements:

1. 3 courses (12 credits) of RL required courses (RL 636, 620, 623)
2. 11 courses (40 credits) in the Romance Languages department. At least 9 courses must have a SPAN prefix; up to two courses may have an RL prefix when the written coursework is completed in Spanish.
3. 3 courses (12 credits) outside the department in fields related to their research (i.e.: Linguistics, Philosophy, History, English, Anthropology, Ethnic Studies, Women and Gender Studies, Education Studies, Comparative Literature).
4. 3 courses (12 credits) with the RL prefix (RL, ITAL, PORT or FR), or in other departments if the courses are related to their primary and secondary fields. (One of these courses may also satisfy the second language requirement).

**Students entering the SPAN PhD with an MA** will complete a total of 10 courses (40 credits), with their Primary and Secondary Field-satisfying courses drawn from any of the categories below:

1. 3 graduate courses (12 credits) of RL required courses (RL 636, 620, 623)
2. 4 graduate courses (16 credits) in the Romance Languages Department with SPAN prefix
3. 3 graduate courses (12 credits) in Romance Languages, SPAN, FR, PORT, ITAL, or outside the department. (One of these courses may also satisfy the second language requirement).

\*Students who have taken RL 636, RL 620, and RL 623 in the course of completing an MA in the Romance Languages department at UO will be considered to have met these requirements.

### Benchmarks

**Graduate Portfolio:** Students will file the materials they create throughout their progress in the program (Coursework essays, Pre-professional Experience Internship, Prospectus, publications, and their dissertation) in a Portfolio that will allow their committees to track their academic progress and their intellectual commitment to the field.

### Professional Development Experience

Students interested in exploring alternative careers as future professional opportunities are encouraged to undertake an internship or a comparable experience in the community in Eugene in the summer or during the year, or in another state or any other Latin American country or Spain, in a place where they can use their Spanish linguistic skills while developing administrative skills. This is not a mandatory professional experience. Faculty advisors or/and the Career Center will work with students to locate appropriate opportunities. This professional development experience is envisioned to train further our graduate students for a career paths outside the academia. The experience does not have to be local; students can contemplate diverse options nationally or internationally. For example, some options would be to work as a volunteer interpreters in a court of law or in a hospital, as assistant teacher in a public school, internship in a government facility, administrative assistant or Public relations in a business, assistant or interpreter in an NGO such as Centro Latinoamericano in Eugene, or another NGO related to their field in the US, Latin America or the Iberian peninsula. The internship or voluntary work could range from 15 hours to 30 hours. It may be completed at any time during their years of study; it is an optional experience, not a requirement. Students must submit a brief reflection (500-1000 words) on their experience to their graduate advisor; the reflection should address how the experience has been formative, and how it affected their thinking about future career option once they finish their PhD. The reflection should also speak to how it may connect to their course of study and enrich their preparation as graduate students. The reflection should be shared with the contact person in the institution they worked with, who should also send a brief letter certifying that the student did the voluntary work.

**Annual Meeting:** Students provide a progress report, a future plan of study term by term, and meet with their advisor annually during the spring term. We will have a template for the progress report with an advising checklist to assure consistency.

**DISSERTATION PROGRESS MEETING** In the fall term of the first full year of dissertation writing, the student meets with the advisor and one other member of the dissertation committee to discuss the progress, status and trajectory of the dissertation, potential publications associated with it, and any factors impeding the work or troubling the student. The student will submit all drafted work to the advisor and second committee member at least one week before the meeting takes place. After this meeting, the advisor will submit a brief description of the student's qualitative and quantitative progress to the Director of Graduate Studies. Please use the First Year Dissertation Status Meeting form to document the meeting. Students may find it useful to have a fall term progress meeting with two members of their committee during each year of dissertation writing. Advisors should submit a Progress Meeting form to the Director of Graduate Studies.

**FIRST CHAPTER REQUIREMENT** By the last day of classes of winter term of the first full year of dissertation writing, the student must submit a fully drafted chapter of the dissertation to the Dissertation Advisor and the Graduate Coordinator. "Fully drafted" implies a chapter whose argumentative structure is complete, and which has been proofread and includes references, but which might not be considered "polished" or final text. Students who do not meet this milestone work must meet

with the Director of Graduate Studies to discuss available resources and strategies to support their progress and to craft and execute a writing plan. (Such meetings are available to all students at any point of the degree.) As per the GDRS, graduate students must be making satisfactory progress toward degree. Students who fail to submit a fully drafted chapter of the dissertation to the Graduate Coordinator by the end of winter term of the first full year of dissertation writing risk losing their GE appointments, unless the advisor or the DGS can provide and document the reasons for an extension of this submission. Note: It is worth emphasizing that the first fully drafted chapter may be submitted as part of the dissertation progress meeting during the fall term and that, ideally, students will have progressed well beyond a single chapter draft at the end of the first full year of dissertation writing. At the same time, individual paths and timelines to a complete dissertation vary widely among students.

**Guided Readings:** Taken in the final term of coursework before the Ph.D. exams, these readings have two objectives: (1) to help students prepare for the Ph.D. exams and to reinforce coverage of the areas of expertise students will need as they begin preparing for the dissertation project and (2) to acquire knowledge in areas not covered in their coursework. By the completion of the guided readings (2-4 credits) as Span 605, students should submit two **Annotated Bibliographies** of Primary Works in the Primary Field (15 works; one page per work); and Annotated Bibliography of Primary Works in their Secondary Field(s) (10 works; one page per work).

**Ph.D. Statement & Plan of Study:** Students work with their primary adviser to compose a one-page statement that explains their interests, the connections among their fields of study, the beginnings of their primary project, and a term-by-term plan of work. The statement is approved by the primary adviser and shared with the members of the Ph.D. exam committee. The statement should be completed by the beginning of the term when students will take their Ph.D. exams. The statement should serve as another academic tool to prepare for the Exams.

### Ph.D. Comprehensive Examinations

The comprehensive examination consists of two written exams and an oral defense. Students will submit two **Annotated Bibliographies** the term before their Ph.D. exams (after completing their Guided Readings), which will then serve as the basis for their Ph.D. exam reading lists. Each written examination covers a subfield that pertains to the student's primary fields of interest. The subfields should be defined and prepared with three RL faculty members who will constitute the Ph.D. exam committee. Students will be encouraged to include a fourth member from another UO department. By week 2 of the term of their Ph.D. exams, students submit a form with the signature of each member of the committee, verifying that they have received the final reading list for exams and that they are prepared to participate in the examination committee. The exam committee is selected by the student and the advisor, according to the student's fields of research and in consultation with the faculty members the student has been working with throughout their graduate studies.

In consultation with the members of this committee, students create a reading list for their designated primary field and secondary field. In consultation with their adviser, they may opt to add a third subfield. Students will prepare a list of critical, methodological, and/or theoretical works that support their primary and secondary fields, which they will then incorporate into their preparation for the second exam. This reading list must be approved by the exam committee no later than week 2 of the

term of the exams. Students are responsible for distributing the reading list to each of the committee members as these members sign the exam form. Each written exam will take the form of an essay (maximum 25 pages, double-spaced) that responds to one of two questions formulated by members of the Ph.D. exam committee, and will cover one or more of the subfields. Students will have two weeks to write each of these essays. Two weeks after the successful completion of these written essays, students will then take an oral examination. The oral exam will allow students to integrate the areas addressed in the written exams with the other facets of their declared fields of interest. In this two-hour conversation, the committee members help students to articulate how their written essays will best lead to the development of the dissertation project. Exam 1 should be received in Week 4, turned in in Week 6; Exam 2 should be received in Week 6 and submitted in Week 8; the oral defense should be in Week 10.

Undertaken by the sixth term of study following the M.A., the comprehensive examination should result in clarification of both the subject matter of the dissertation and possible approaches to it. The exam should, in other words, yield a dissertation topic. It is the responsibility of the students to initiate the scheduling of both the written and the oral portions of the comprehensive examination. Upon successful completion of the Ph.D. comprehensive exam, students are formally advanced to candidacy and may begin preparing the dissertation prospectus. Students who fail one or both components of the Ph.D. exam will be allowed to retake it (in whole or in part) once. The Graduate Coordinator and the DGS will make sure that the student retakes the exams no later than 6 months after their first attempt. If their second attempt is deemed unsatisfactory, they are disqualified from Ph.D. candidacy and must withdraw from the graduate program, the department will award them a terminal MA.

During the term the students are taking the Ph.D. Exams they would not be taking courses, but 8 credits RL 600 Exam course.

### Prospectus

Students are responsible for putting together their dissertation committee, which normally consists of four members: one director and two readers from the Department of Romance Languages, and one reader from another department. Students must submit a form—either digitally or on paper—two weeks before the defense of the prospectus or by week 7 at the latest—with the signature of each member of this committee, verifying that they have received the final draft of the prospectus and agree to serve on the committee.

Students will submit a ten- to fourteen-page prospectus accompanied by a substantial research bibliography of primary and secondary material to the dissertation committee members in the term following successful completion of their PhD Exam. This prospectus should define the scope of the dissertation; demonstrate the significance and originality of the project; explain the methodology and theoretical grounding; and provide a short summary of each chapter and its main arguments. Occasionally, a student may choose to have two co-directors in the Department of Romance Languages (plus two additional members, one from the department and one from another department).

Students are responsible for putting together their dissertation committee, which normally consists of four members: one director and two readers from the Department of Romance Languages, and one reader from another UO department. Students are expected to consult with each of their committee members while drafting the prospectus. The defense of the Prospectus must be scheduled by week 2 of that term, and it must

occur by week 10. Students must submit a form - either digitally or on paper - two weeks before the defense of the prospectus or by week 7 at the latest -- with the signature of each member of this committee, verifying that they have received the final draft of the prospectus and agree to serve on the committee.

Once the dissertation director notifies the Ph.D. candidate in writing that all members of the committee have approved the prospectus, the candidate will schedule a meeting with the dissertation committee members for a presentation and discussion of the prospectus. Following this conversation, the candidate will make final revisions to the prospectus. Once the committee has given its final approval, the student will file the prospectus with the department.

It is the candidate's responsibility to have a dissertation committee in place and to have filed all necessary documents with the Division of Graduate Studies six months before the dissertation defense. Upon completion of the Prospectus Defense, the student will be advanced to candidacy.

Any student making significant changes to the dissertation project after the final approval of the prospectus must schedule a meeting with the dissertation committee before proceeding.

**Scholarly Project or Versatile Ph.D. Project:** The student chooses a seminar paper or project to develop into an article or other scholarly project that complements the student's chosen professional goals and plan of study. Students preparing for an academic job are strongly encouraged to pursue publication of one scholarly articles or a Translation project. Working with their adviser or in the context of a graduate course, they prepare the article or text, choose a publication venue, and submit the article or translation for publication by the end of the fourth year. Students may propose and prepare other versatile Ph.D. projects, however, in consultation with their advisers and the DGS. Students will also be encouraged to develop an Individual Development Plan (IDP) to actively prepare for jobs outside the academia.

### Dissertation/Thesis

Students must form a dissertation committee (at least 4 members; 3 from Romance Languages and one UO faculty member from outside the RL department), defend their dissertation proposal to their committee, must take a minimum of 18 dissertation credits while writing the dissertation, submit at 6-3 weeks in advance the final dissertation to the committee (if the committee does not receive the dissertation 3 weeks in advance the defense has to be postponed) and give an oral defense of their dissertation. All UO Division of Graduate Studies dissertation requirements must be adhered to.

**RL 607 Professionalization and Dissertation Workshop** This course will be offered every other year for students who have submitted their prospectus, and before or while they enter the job market. While the course will allow students to examine the range of career opportunities within and outside the academic job market, the focus will be on drafting cover letters, teaching statements, CVs, and grant proposals; throughout the term, workshop participants will draft a journal article, most likely from a dissertation chapter in progress, and identify an appropriate journal for submission and peer review. As part of this course requirements the students will be developing **Professional Portfolio**, and an **Individual Development Plan (IDP)** to explore professional, career opportunities outside the academia, and how to prepare for them competitively.

### Original Dissertation/Oral Defense



Students must complete a PhD Thesis Progress form at least 6 weeks before the defense of their dissertation with the signature of each member of the committee, verifying that they have received the final draft of the dissertation and that they will participate in the defense.

The dissertation should constitute an original and significant contribution to scholarship in the student's field of expertise. It should be characterized by mature literary, cinematic, linguistic, and/or cultural interpretation; by informed and reasoned argument; and by an awareness of the means and goals of research. In the context of a PhD in Spanish this means that their dissertation will be showing the new paths of Latin American and/or Iberian Studies, for example in dialogue with African Studies, Mediterranean Studies, Caribbean Studies. Dissertations might be written in Spanish or in English, making its contribution in a wide range of fields such as Translation Studies, Linguistics, Gender Studies, Holocaust or Memory Studies, and Visual Culture, among many others.

Students must also, of course, familiarize themselves with the stringent formatting and structure guidelines for the dissertation (the information is provided by the Division of Graduate Studies and is available online or in pamphlet form). A final copy of the dissertation must be distributed to the dissertation committee for final approval at least six weeks before the dissertation defense.

#### Final Oral Dissertation Defense

When all members of the dissertation committee have agreed that it is a defensible the dissertation, a public oral presentation and defense of the work is held. If a member of the committee does not think that the dissertation can be defended then they must notify the advisor three weeks in advance of the defense.

## Translation Studies Graduate Specialization

### Graduate Specialization in Translation Studies

The Oregon Center for Translation Studies, supported by the UO Global Studies Institute, draws together a diverse group of faculty, graduate students, and active professional community members and emeriti who work across languages and disciplines in the area of Translation Studies. We pursue research, teaching, and practice related to multiple forms of translation. As a group we are committed to exploring interdisciplinary aspects of these endeavors.

The Graduate Specialization in Translation Studies aims to strengthen and enrich opportunities for UO students by drawing on existing offerings across disciplines and, where possible, adding to the current curriculum, in Languages, Literatures, Anthropology, International Studies, and Folklore at UO. In this way, the Specialization contributes to strengthening graduate offerings in this vital and complex field.

## Russian, East European, and Eurasian Studies

#### Katya Hokanson, Program Director

114 Friendly Hall  
541-346-4065

The Russian, East European, and Eurasian Studies Program is devoted to the study of the peoples living in the eastern third of Europe,

throughout the northern steppes of Central Asia, and across Siberia to the Pacific Ocean. Settled over a territory that spans half the earth's time zones, these peoples have created a complex mosaic of cultures, expressed in literature and art as well as in institutions and social forms. Over the centuries, these lands have come under the sway of several great world-historical civilizations and empires: the Byzantine, Mongolian, Ottoman Turkish, Holy Roman, Austro-Hungarian, Russian, and Soviet. These lands have felt the influence of Orthodox Christianity, Catholicism, Protestantism, Judaism, Islam, Buddhism and Communism. At the intersection of many powerful forces, these lands experience the historical drama of what some call "modernization" with its challenge to customary ways of life. Yet, after centuries of massive transplantation and transformation, national and ethnic heritages survive. Customary ways and native self-consciousness, more diverse than anywhere else on the globe, express themselves with new vigor.

REEES offers a bachelor of arts degree (BA) and a minor.

#### Fields of Concentration

The program offers the following concentrations for the undergraduate major and minor:

- Russian language, literature, and culture (humanities emphasis/field of concentration)
- Russian and East European history, politics, and society (social science emphasis/field of concentration)

Courses with these focus areas are offered by the program and such participating departments as anthropology, geography, history, political science, religious studies and sociology. Any course taken that includes instruction on one of these focus areas and has at least 40 percent Russian, East European, former Soviet Eurasian, or Slavic content, including independent research undertaken by the student, may be applied to the field of concentration requirement with administrative approval.

Students can view sample programs of study in the various concentrations on the program website.

The **major** requires 36 graded credits; courses must be passed with grades of C– or better. Credits used to fulfill the language requirement (students must complete three years of Russian or show they have attained third-year proficiency) may not be applied to the 36-credit requirement.

The **minor** requires 24 graded credits; courses must be passed with a grade of C– or better, and also requires third-year proficiency. Courses taken to fulfill the language requirement may not be used to fulfill the 24-credit requirement.

#### Overseas Study

Qualified students of Russian may spend a summer, semester, or academic year studying the language. While study in Russia is not currently supported, a direct exchange program with the University of Latvia is available, as well as Russian language study programs organized by SRAS in Armenia, Georgia, Latvia and Kyrgyzstan. American Councils offers Russian language programs in Kazakhstan, Armenia, and Georgia. Opportunities also exist for study in the Czech Republic, Hungary, and Poland. Limited fellowship aid is available for these programs.

Students in University of Oregon overseas study programs enroll in courses with subject codes that are unique to individual programs.



Special course numbers are reserved for overseas study. See International Affairs in the **Academic Resources** section of this catalog. Students interested in study in the Commonwealth of Independent States or in Eastern Europe should write or call the Overseas Program Coordinator, Office of International Affairs, 5209 University of Oregon, Eugene, Oregon 97403-5209; 541-346-3206.

Students may also wish to study Russian domestically at Middlebury College or the University of California, Los Angeles. Students with advanced proficiency are encouraged to apply for relevant internships and career development opportunities, such as working at *Lesnoe Ozero*, Concordia Language Villages' summer Russian immersion program for children ages 7-18

### Cultural Programs

The program sponsors lectures, panel discussions, symposiums, films, plays, exhibitions, concerts, and festivals. These presentations involve scholars from other institutions in the United States and Europe as well as specialists at the university. In addition, the program faculty engages in outreach activities with local schools, community groups, and other organizations. Students in the program typically run a REEES club, focusing on cultural activities and the practice of Russian language skills.

### Visiting Faculty Members

The program sponsors extended stays by visiting Fulbright and International Research and Exchange Board scholars from Russia and Eastern Europe.

### Resources

The University of Oregon's library has more than 130,000 volumes in Russian and other Slavic and East European languages, more than 60,000 on Russia and Eastern Europe in Western languages; and subscribes to more than 100 serial titles. The library also has a large collection of Russian and East European films. The bulk of the collection is in the humanities and social sciences.

Facilities at the well-known Yamada Language Center enhance the learning of Slavic and East European languages. For more information, visit the website (<https://babel.uoregon.edu/>).

## Faculty

Heghine Hakobyan, instructor (Slavic librarian). BA, 1983, Kurgan College of Culture and Enlightenment; MA, 1988, Tyuman State; MLIS, 2003, City University of New York, Queens College. (2007)

Katya E. Hokanson, associate professor (Russian literature, travel literature, cultural studies). B.A., 1984, Williams; M.A., 1988, Ph.D., 1994, Stanford. (1995)

Susanna Soojung Lim, associate professor (19th- and 20th-century Russian literature). BA, 1996, MA, 1998, Korea; MA, 1999, PhD, 2006, California, Los Angeles. (2007)

Julia Nemirovskaya, senior instructor (Russian literature and theater). MA, 1986, PhD, 1991, Moscow State. (2002)

Jenifer Presto, associate professor (Russian literature, modernism, environmental criticism). A.B., 1985, Smith; M.A., 1988, Middlebury; M.A., 1989, Ph.D., 1996, Wisconsin, Madison. (2003)

Lara Ravitch, Senior Instructor (Russian language). B.A., 1998, Connecticut College; M.A., 2002, Monterey (Middlebury) Institute of International Studies. (2012)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Participating

Roy Bing Chan, East Asian languages and literatures (Chinese literature)

Julie Hessler, history (20th-century Russia, Europe)

Ryan Tucker Jones, history (Russian and environmental history)

Mikhail Myagkov, political science (comparative politics, formal political theory)

Steven Shankman, English (comparative literature, Russian novel)

## Courtesy

Amanda Bird, courtesy instructor (folklore, translation, Persian literature). BA, 1994, Baylor; MA, 2006, Oregon. (2013)

Alexander Kashirin, courtesy professor. BA, 2002, Eastern New Mexico University; MA, 2005, Oregon; Ph.D., 2010, Oregon. (2003)

Tamara Morris, courtesy professor (Russian language, culture of "Old Believers"). Baccalaureate, D. Banzarov; MA, 1984, Krasnoyarsky State Pedagogical Institute; PhD, 1986, Institute of Russian Language. (2013)

## Emeriti

Esther Jacobson-Tepfer, history of art and architecture

R. Alan Kimball, history (modern Russia)

Yelaina Kripkov, Russian Language

Stephen J. Shoemaker, religious studies (history of Eastern Christianity)

Carol T. Silverman, anthropology (performance, eastern Europe, gender)

Sherwin Simmons, history of art and architecture

Ronald Wixman, geography

Cynthia Vakareliyska, linguistics

## Associated

John E. Bonine, law

Lisa Wolverton, history

## Undergraduate Programs

### Major - Bachelor's Degree

- Russian, East European, and Eurasian Studies (BA) (p. 184)

### Minor

- Russian, East European, and Eurasian Studies (p. 186)

Graduate Programs

Major - Master's Degree

- Russian, East European, and Eurasian Studies (MA) (p. 187)

Certificate

- Russian, East European, and Eurasian Studies (p. 187)

Russian, East European, and Eurasian Studies (BA)

The Russian, East European, and Eurasian Studies Program is devoted to the study of the peoples living in the eastern third of Europe, throughout the northern steppes of Central Asia, and across Siberia to the Pacific Ocean. Settled over a territory that spans half the earth's time zones, these peoples have created a complex mosaic of cultures, expressed in literature and art as well as in institutions and social forms. Over the centuries, these lands have come under the sway of several great world-historical civilizations and empires: the Byzantine, Mongolian, Ottoman Turkish, Holy Roman, Austro-Hungarian, Russian, and Soviet. These lands have felt the influence of Orthodox Christianity, Catholicism, Protestantism, Judaism, Islam, Buddhism and Communism. At the intersection of many powerful forces, these lands experience the historical drama of what some call "modernization" with its challenge to customary ways of life. Yet, after centuries of massive transplantation and transformation, national and ethnic heritages survive. Customary ways and native self-consciousness, more diverse than anywhere else on the globe, express themselves with new vigor.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Humanities Track: Be proficient in reading, writing, and speaking Russian (or other language of the region) consistent with completion of at least a third-year level (from novice high to intermediate high).
- Humanities Track: Have a broad general understanding of the region of Russia, Eastern Europe, and Eurasia including its history and culture, and ability to communicate about that culture in both Russian (or other language of the region) and English. Knowledge of major historical figures, writers and other cultural figures of the region and ability to evaluate and discuss them/their work.
- Humanities Track: Identify, describe and explain materials, terminologies, and methodologies in literature, film and media of the region.
- Social Science Track: Be proficient in reading, writing, and speaking Russian consistent with completion of at least a third-year level (from novice high to intermediate high).
- Social Science Track: Have a broad general understanding of the region of Russia, Eastern Europe, and Eurasia including its history and culture, and ability to communicate about that culture in both Russian (or other language of the region) and English. Knowledge of major historical figures, writers and other cultural figures of the region and ability to evaluate and discuss them/their work.
- Social Science Track: Identify, describe and explain important movements, terminologies, and methodologies in history, politics and religion of the region.

Fields of Concentration

The program offers the following concentrations for the undergraduate major and minor:

- Russian language, literature, and culture (humanities emphasis/field of concentration)
- Russian and East European history, politics, and society (social science emphasis/field of concentration)

Courses with these focus areas are offered by the program and such participating departments as anthropology, geography, history, political science, and sociology. Any course taken that includes instruction on one of these focus areas and has at least 40 percent Russian, East European, former Soviet Eurasian, or Slavic content, including independent research undertaken by the student, may be applied to the field of concentration requirement with administrative approval. Students may petition to the REEES Director of Undergraduate Studies to have courses taken in other disciplines count toward the concentration or elective requirement if the content of these courses meets the 40 percent standard. This applies to regularly scheduled courses and to independent reading and conference courses.

Students can view sample programs of study in the various concentrations on the program website.

Major Requirements

The major requires 36 graded credits; courses must be passed with grades of C– or better. Credits used to fulfill the language requirement may not be applied to the 36-credit requirement.

Bachelor of Arts Degree Requirements

| Code                                                                        | Title                            | Credits |
|-----------------------------------------------------------------------------|----------------------------------|---------|
| Language Courses                                                            |                                  |         |
| RUSS 101–103                                                                | First-Year Russian <sup>1</sup>  | 15      |
| RUSS 201–203                                                                | Second-Year Russian <sup>1</sup> | 15      |
| RUSS 316–318                                                                | Third-Year Russian <sup>1</sup>  | 15      |
| Field of Concentration Courses                                              |                                  | 20      |
| At least four upper-division courses in a chosen concentration <sup>2</sup> |                                  |         |
| Elective Courses <sup>3</sup>                                               |                                  | 16      |
| Total Credits                                                               |                                  | 36      |

<sup>1</sup> Three years of college-level Slavic language study is usually fulfilled by taking Russian language courses. Students may petition to substitute one year of a second Slavic language for one year of the primary Slavic language. The language option is chosen in consultation with program advisors.

<sup>2</sup> Two courses must be at the 400 level.

<sup>3</sup> At least two 4-credit courses should be outside of the field of concentration.

Honors in Russian, East European, and Eurasian Studies

Majors who have an overall GPA of 3.50 by the end of the junior year and who are interested in honors should meet with the REEES Director of Undergraduate Studies, then submit a thesis proposal to the program's director for approval. If approved, the student registers for a minimum of 4 credits in Thesis (403) under the supervision of a program faculty

member. The thesis must be completed at least one term before the term of graduation.

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years (Below is a sample for a Russian, East European, and Eurasian studies major with a concentration in Russian language, literature, and culture). There are alternative ways. Students should consult their advisor to determine the best path for them.

## Bachelor of Arts in Russian, East European, and Eurasian Studies (Humanities Concentration)

| Course                                                                                   | Title                              | Credits   | Milestones |
|------------------------------------------------------------------------------------------|------------------------------------|-----------|------------|
| <b>First Year</b>                                                                        |                                    |           |            |
| <b>Fall</b>                                                                              |                                    |           |            |
| RUSS 101                                                                                 | First-Year Russian                 | 5         |            |
| WR 121Z                                                                                  | Composition I                      | 4         |            |
| RUSS 204                                                                                 | Introduction to Russian Literature | 4         |            |
| General-education course in social science that also satisfies multicultural requirement |                                    | 4         |            |
| <b>Credits</b>                                                                           |                                    | <b>17</b> |            |
| <b>Winter</b>                                                                            |                                    |           |            |
| RUSS 102                                                                                 | First-Year Russian                 | 5         |            |
| WR 122Z                                                                                  | Composition II                     | 4         |            |
| or WR 123 or College Composition III                                                     |                                    |           |            |
| RUSS 309                                                                                 | Russian through Theater            | 4         |            |
| General-education course in science                                                      |                                    | 4         |            |
| <b>Credits</b>                                                                           |                                    | <b>17</b> |            |
| <b>Spring</b>                                                                            |                                    |           |            |
| RUSS 103                                                                                 | First-Year Russian                 | 5         |            |
| RUSS 334                                                                                 | Dostoevsky                         | 4         |            |
| General-education course in social science                                               |                                    | 4         |            |
| General-education course in science                                                      |                                    | 4         |            |
| <b>Credits</b>                                                                           |                                    | <b>17</b> |            |
| <b>Total Credits</b>                                                                     |                                    | <b>51</b> |            |

| Course                                                                            | Title               | Credits   | Milestones |
|-----------------------------------------------------------------------------------|---------------------|-----------|------------|
| <b>Second Year</b>                                                                |                     |           |            |
| <b>Fall</b>                                                                       |                     |           |            |
| RUSS 201                                                                          | Second-Year Russian | 5         |            |
| Upper-division content course in REEES humanities (Field of concentration course) |                     | 4         |            |
| General-education course in arts and letters                                      |                     | 4         |            |
| General-education course in science                                               |                     | 4         |            |
| <b>Credits</b>                                                                    |                     | <b>17</b> |            |
| <b>Winter</b>                                                                     |                     |           |            |
| RUSS 202                                                                          | Second-Year Russian | 5         |            |
| RUSS 426 or similar                                                               |                     | 4         |            |
| General-education course in arts and letters                                      |                     | 4         |            |
| General-education course in social science                                        |                     | 4         |            |
| <b>Credits</b>                                                                    |                     | <b>17</b> |            |

### Spring

|                                              |                     |           |
|----------------------------------------------|---------------------|-----------|
| RUSS 203                                     | Second-Year Russian | 5         |
| HIST 346                                     | Imperial Russia     | 4         |
| General-education course in arts and letters |                     | 4         |
| General-education course in science          |                     | 4         |
| <b>Credits</b>                               |                     | <b>17</b> |
| <b>Total Credits</b>                         |                     | <b>51</b> |

| Course            | Title | Credits | Milestones |
|-------------------|-------|---------|------------|
| <b>Third Year</b> |       |         |            |
| <b>Fall</b>       |       |         |            |

|                                  |                                  |           |
|----------------------------------|----------------------------------|-----------|
| ANTH 315                         | Gender, Folklore, Inequality ( ) | 4         |
| RUSS 316                         | Third-Year Russian               | 5         |
| Elective or second-major courses |                                  | 8         |
| <b>Credits</b>                   |                                  | <b>17</b> |

### Winter

|                                  |                             |           |
|----------------------------------|-----------------------------|-----------|
| RUSS 317                         | Third-Year Russian          | 5         |
| PS 433                           | Marxism and Radical Thought | 4         |
| Elective or second-major courses |                             | 8         |
| <b>Credits</b>                   |                             | <b>17</b> |

### Spring

|                                  |                    |           |
|----------------------------------|--------------------|-----------|
| RUSS 318                         | Third-Year Russian | 5         |
| Elective or second-major courses |                    | 8         |
| <b>Credits</b>                   |                    | <b>13</b> |
| <b>Total Credits</b>             |                    | <b>47</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

### Fourth Year

|                                  |  |           |  |
|----------------------------------|--|-----------|--|
| <b>Fall</b>                      |  |           |  |
| Elective or second-major courses |  | 16        |  |
| <b>Credits</b>                   |  | <b>16</b> |  |

### Winter

|                                  |  |           |  |
|----------------------------------|--|-----------|--|
| Elective or second-major courses |  | 12        |  |
| <b>Credits</b>                   |  | <b>12</b> |  |
| <b>Total Credits</b>             |  | <b>28</b> |  |

## Bachelor of Arts in Russian, East European, and Eurasian Studies (Social Science Concentration)

| Course                                     | Title                          | Credits   | Milestones |
|--------------------------------------------|--------------------------------|-----------|------------|
| <b>First Year</b>                          |                                |           |            |
| <b>Fall</b>                                |                                |           |            |
| RUSS 101                                   | First-Year Russian             | 5         |            |
| WR 121Z                                    | Composition I                  | 4         |            |
| HIST 245                                   | Russia, America, and the World | 4         |            |
| General-education course in social science |                                | 4         |            |
| <b>Credits</b>                             |                                | <b>17</b> |            |
| <b>Winter</b>                              |                                |           |            |
| RUSS 102                                   | First-Year Russian             | 5         |            |
| WR 122Z                                    | Composition II                 | 4         |            |
| or WR 123 or College Composition III       |                                |           |            |
| HIST 346                                   | Imperial Russia                | 4         |            |

General-education course in arts and letters that also satisfies multicultural requirement 4

**Credits 17**

#### Spring

RUSS 103 First-Year Russian 5

HIST 347 Soviet Union and Contemporary Russia 4

General-education course in social science 4

General-education course in science 4

**Credits 17**

**Total Credits 51**

**Course Title Credits Milestones**

#### Second Year

##### Fall

RUSS 201 Second-Year Russian 5

Content course in REEES social science (Field of concentration course) 4

General-education course in arts and letters 4

General-education course in science 4

**Credits 17**

##### Winter

RUSS 202 Second-Year Russian 5

PS 433 Marxism and Radical Thought 4

General-education course in arts and letters 4

General-education course in social science 4

**Credits 17**

##### Spring

RUSS 203 Second-Year Russian 5

RUSS 240 Russian Culture 4

General-education course in social science 4

General-education course in science 4

**Credits 17**

**Total Credits 51**

**Course Title Credits Milestones**

#### Third Year

##### Fall

RUSS 316 Third-Year Russian 5

REEES elective course (outside concentration, different from first elective course) 4

Elective or second-major courses 8

**Credits 17**

##### Winter

RUSS 309 Russian through Theater 4

RUSS 317 Third-Year Russian 5

Elective or second-major courses 8

**Credits 17**

##### Spring

HUM 300 Themes in the Humanities (Tolstoy's Legacy) 4

RUSS 318 Third-Year Russian 5

Elective or second-major courses 8

**Credits 17**

**Total Credits 51**

**Course Title Credits Milestones**

#### Fourth Year

##### Fall

Elective or second-major courses 16

**Credits 16**

##### Winter

Elective or second-major courses 12

**Credits 12**

**Total Credits 28**

## Russian, East European, and Eurasian Studies Minor

Students interact with native Russian speakers, perform in bilingual plays, and learn about the unique political foundations of the Russian Federation. REEES covers a wide array of subjects, allowing you to choose an emphasis in humanities or social science. Whether your interests in Russia, Eastern Europe, or Eurasia have roots in the literature of Dostoevsky and Pushkin or stem from a fascination with Russian zombie cinema, there is a place for you in REEES.

### Minor Requirements

The minor requires 24 graded credits; courses must be passed with a grade of C– or better. Courses taken to fulfill the language requirement may not be used to fulfill the 24-credit requirement.

**Code Title Credits**

#### Language Courses

RUSS 101–103 First-Year Russian <sup>1</sup> 15

RUSS 201–203 Second-Year Russian <sup>1</sup> 15

RUSS 316–318 Third-Year Russian <sup>1</sup> 15

**Field of Concentration Courses 12**

Three upper-division courses in a chosen concentration <sup>2</sup>

**Elective Courses 12**

**Total Credits 24**

<sup>1</sup> Three years of college-level Slavic language study is usually fulfilled by taking Russian language courses. Students may petition to substitute one year of a second Slavic language for one year of the primary Slavic language. The language option is chosen in consultation with program advisors.

<sup>2</sup> One course in the field of concentration must be at the 400 level.

### Additional Requirements

There is no limit on the number of language courses taken at other universities, including courses taken abroad, that may be used to satisfy the language requirement for the major or minor, subject to an equivalency assessment by the Russian language coordinator. With respect to concentration and elective requirements, undergraduate majors may apply as many as 16 transfer credits to the major, but no more than 8 of these credits can be applied to the field of concentration.

Undergraduate minors may apply up to 8 transfer credits to the minor, but no more than 4 of them can be applied to the field of concentration.

## Russian, East European, and Eurasian Studies (MA)

The Russian, East European, and Eurasian Studies Program is devoted to the study of the peoples living in the eastern third of Europe, throughout the northern steppes of Central Asia, and across Siberia to the Pacific Ocean.

Settled over a territory that spans half the earth's time zones, these peoples have created a complex mosaic of cultures, expressed in literature and art as well as in institutions and social forms.

Over the centuries, these lands have come under the sway of several great world-historical civilizations and empires:

- Byzantine
- Mongolian
- Ottoman Turkish
- Holy Roman
- Austro-Hungarian
- Russian
- Soviet

These lands have felt the influence of Orthodox Christianity, Catholicism, Protestantism, Judaism, Islam, and Communism.

At the intersection of many powerful forces, these lands experience the historical drama of what some call "modernization" with its challenge to customary ways of life. Yet, after centuries of massive transplantation and transformation, national and ethnic heritages survive.

Customary ways and native self-consciousness, more diverse than anywhere else on the globe, express themselves with new vigor.

The program offers an MA in Russian, East European, and Eurasian studies. The center is affiliated with the master's and PhD programs in comparative literature and linguistics, and students in the center have also successfully applied to PhD programs in history, geography, and other fields.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Be proficient in reading, writing, and speaking Russian consistent with completion of at least the fourth-year level.
- Translate specialized texts from the field of concentration into good professional English.
- Have a broad general understanding of the region of Russian, Eastern Europe, and Eurasia including its history and culture.
- Have in-depth competency in the field of concentration, its methodology, and foundational scholarship.
- Produce an extended piece of scholarship that is based on relevant primary and secondary materials and that makes a contribution to the field of study.

A written comprehensive examination on the field of concentration is typically taken the term prior to submission of the thesis. The thesis is

defended before the candidate's committee. The defense may include discussion of the comprehensive exam.

## Master of Arts Degree Requirements

The MA in Russian, East European, and Eurasian studies requires 40 graded graduate-level credits passed with a grade of B– or better and 9 thesis credits (taken pass/no pass), for a total of 49 graduate credits. Credits used to fulfill the language requirement may not be applied to the 49-credit requirement. The MA typically takes two years (six terms) to complete.

| Code                                                                                                                                                                             | Title  | Credits |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|
| Language Courses                                                                                                                                                                 |        |         |
| Four years of university study of a Slavic language or equivalent, plus reading competency as defined by a translation exam in the student's field of concentration <sup>1</sup> |        |         |
| Field of Concentration Courses                                                                                                                                                   |        |         |
| Four graded graduate-level courses in a chosen concentration                                                                                                                     |        | 16      |
| Research and Thesis                                                                                                                                                              |        |         |
| REES 503                                                                                                                                                                         | Thesis | 9       |
| or RUSS 503                                                                                                                                                                      | Thesis |         |
| Elective Courses                                                                                                                                                                 |        |         |
| Six graded graduate-level courses <sup>2</sup>                                                                                                                                   |        | 24      |
| Total Credits                                                                                                                                                                    |        | 49      |

<sup>1</sup> In exceptional cases, a student may petition to substitute one year of a second Slavic language or equivalent mastery for one of the years of the primary language, but must pass the reading exam. Native speakers of a Slavic language may petition to substitute an appropriate alternative measure of English competency to the translation exam.

<sup>2</sup> Two courses may be in the field of concentration. The electives must include courses in at least two fields outside the student's concentration.

## Additional Requirements

A written comprehensive examination on the field of concentration is typically taken the term prior to submission of the thesis. The thesis is defended before the candidate's committee. The defense may include discussion of the comprehensive exam.

## Fields of Concentration

- Russian literature
- Russian and East European history
- Contemporary Russia, East Europe, and Eurasia

## Russian, East European, and Eurasian Studies Graduate Certificate

The Russian, East European, and Eurasian Studies Program is devoted to the study of the peoples living in the eastern third of Europe, throughout the northern steppes of Central Asia, and across Siberia to the Pacific Ocean.



Settled over a territory that spans half the earth’s time zones, these peoples have created a complex mosaic of cultures, expressed in literature and art as well as in institutions and social forms.

Over the centuries, these lands have come under the sway of several great world-historical civilizations and empires:

- Byzantine
- Mongolian
- Ottoman Turkish
- Holy Roman
- Austro-Hungarian
- Russian
- Soviet

These lands have felt the influence of Orthodox Christianity, Catholicism, Protestantism, Judaism, Islam, and Communism.

At the intersection of many powerful forces, these lands experience the historical drama of what some call "modernization" with its challenge to customary ways of life. Yet, after centuries of massive transplantation and transformation, national and ethnic heritages survive.

Customary ways and native self-consciousness, more diverse than anywhere else on the globe, express themselves with new vigor.

The program offers a graduate certificate in Russian, East European, and Eurasian studies. The center is affiliated with the master’s and PhD programs in comparative literature and linguistics, and students in the center have also successfully applied to PhD programs in history, geography, and other fields.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Be proficient in reading, writing, and speaking Russian consistent with completion of at least the fourth-year level.
- Translate specialized texts from the field of concentration into good professional English.
- Have a broad general understanding of the region of Russian, Eastern Europe, and Eurasia including its history and culture.
- Complete a significant (e.g. 25-page) research paper written in conjunction with a course, or written as part of an individualized reading course.

Graduate Certificate

The graduate certificate in Russian, East European, and Eurasian studies requires 32 graded graduate-level credits; courses must be passed with grades of B– or better. Credits used to fulfill the language requirement may not be applied to the 32-credit requirement.

| Code                                                 | Title                                                               | Credits |
|------------------------------------------------------|---------------------------------------------------------------------|---------|
| Language Courses                                     |                                                                     |         |
| Select one of the following:                         |                                                                     |         |
|                                                      | Four years of college study or equivalent in one Slavic language    |         |
|                                                      | Total of four years of college study in two languages of the region |         |
| Field of Concentration Courses                       |                                                                     |         |
| Three graduate-level courses in chosen concentration |                                                                     | 12      |

|                                          |    |
|------------------------------------------|----|
| Elective Courses                         |    |
| Four graduate-level courses <sup>1</sup> | 16 |
| Total Credits                            | 28 |

<sup>1</sup> One elective may be in the field of concentration.

Additional Requirements

A research paper written in conjunction with a course or as a separate reading course in the field of concentration.

Fields of Concentration

- Russian literature
- Russian and East European history
- Contemporary Russia, East Europe, and Eurasia

The certificate may be earned in conjunction with any MA or PhD degree. Courses taken to fulfill the graduate degree may also be used to fulfill certificate requirements. Master’s candidates in the program may earn the graduate certificate if the field of concentration chosen for the certificate is not the same as the one for the master’s degree.

Theatre Arts

**Dorothee Ostmeier, Department Head**  
541-346-4145  
541-346-1978 fax  
216 Villard Hall  
1231 University of Oregon  
Eugene, Oregon 97403-1231  
ostmeier@uoregon.edu

The Department of Theater Arts offers major curricula leading to the Bachelor of Arts (BA), Bachelor of Science (BS), Master of Arts (MA), Master of Fine arts (MFA) with a specialization in design and technology, and Doctor of Philosophy (PhD) degrees. The Master of Science (MS) degree program is currently inactive.

Courses in Theater Arts are available for all students who want to develop their communication skills, explore lighting, scenic design and costume technology, practice leadership in collaborative teamwork, or study diverse Histories of Theater (including Middle Eastern American and Arab American Theater, Native and Latinx Theatre, Eco Dramaturgy, Ethnic and Communal Engagements). Students can also gain practical theater experience through involvement with our University Theater productions as actors, designers, technicians, dramaturgs and stage managers.

The Department offers a cross-disciplinary and liberal-arts education. Upper division courses provide vocational competence in many aspects of commercial theater. Students seek careers in professional, educational, and community theaters as designers, actors, technicians, stage managers, or theater managers, or continue specialized training in MFA degree programs or non-degree professional training schools. Other students use the Theater Arts’ background to pursue vocational opportunities that require advanced skills in communication and organization.

At the graduate level, the department offers intensive study and practical work toward the MFA degree focus areas of costume design, scenic design, lighting design, and technical theater, with opportunities to also emphasize projection design, sound design, or both. The MFA also provides training and experience in teaching theatre. The MA and PhD

programs offer an in-depth study of theater and performance through contemporary critical and cultural theories as well as historiography and performance praxis.

## Theaters

The James F. Miller Theatre Complex includes the renovated Robinson Theatre, a proscenium theater seating 300, and the Hope Theatre, a flexible venue that can seat 100–150. The complex includes a large lobby and costume and scene shops. The Pocket Playhouse, in Villard Hall, is a small proscenium stage and seats 75 people.

## Technical Facilities

The scene shop is well equipped with power tools for wood and metal fabrication. Lighting equipment includes computerized controls and up-to-date instruments. The costume shop has power sewing and serging machines and a laundry and crafts area. Students are encouraged to sign up for production workshop classes or to practice their crafts as volunteers. Those who qualify for work-study financial aid are hired to assist in the shops. The shops are open every day.

## Pocket Playhouse

Pocket Playhouse is the site for a series of productions presented by an elected student board.

## University Theatre

The department's season is composed of productions in two venues: the Robinson Theatre and the Hope Theatre. Faculty members and graduate students direct and design as many as six shows a year. Auditions are open to UO students, and admission for UO students is free.

## Faculty

Bradley Branam, associate professor (technical direction, media design). BA, 2000, Luther College; MFA, 2009, Missouri, Kansas City. (2012)

Bair, Heather, instructor, (costume shop). BFA, 1995, Southwest Missouri State University; MFA, 1999 Temple University. (2021)

Jeanette De Jong, associate professor. BA, 1982, Puget Sound; MFA, 1984, Oregon. (2015)

Jerry Hooker, associate professor (scene designer). BA, 1978, Puget Sound; MFA, 1985, Utah State. (2001)

Theresa May, professor (acting, embodiment, Native American theater); director, graduate studies. BA, 1980, California, Irvine; MFA, 1983, Southern California; PhD, 2000, Washington (Seattle). (2007)

Michael Malek Najjar, associate professor (Arab American theater and performance, playwriting, performance theory). BA, 1993, New Mexico; MFA, 1999, York; PhD, 2011, California, Los Angeles. (2011)

Tricia Rodley, instructor (acting, voice and dialect) BA, 1992, Oregon; MA, 2005, Royal Central School of Speech and Drama (London); PhD, 2014, Oregon. (2015)

Janet Rose, senior instructor (technical director, lighting designer). BFA, 1977, Florida Atlantic; MFA, 1979, Ohio. (1987)

John Schmor, associate professor (theory, history, acting). BA, 1984, Willamette; MA, 1989, PhD, 1991, Oregon. (1999)

## Emeriti

Alexandra Bonds, professor emerita. BS, 1972, Syracuse; MA, 1974, Denver. (1979)

Robert Barton, professor emeritus. BA, 1967, Western Michigan; MA, 1968, PhD, 1977, Bowling Green State. (1980)

Jerry R. Williams, professor emeritus. BFA, 1964, Carnegie-Mellon; MA, 1965, Washington (Seattle). (1973)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Major - Bachelor's Degree

- Theater Arts (BA/BS) (p. 189)

### Minor

- Theater Arts (p. 192)

## Graduate Programs

### Majors - Master's Degree

- Theater Arts (MA) (p. 193)
- Theater Arts (MFA) (p. 193)

### Major - Doctoral Degree

- Theater Arts (PhD) (p. 194)

## Theater Arts (BA/BS)

The Department of Theatre Arts combines a broad liberal arts education with practical experience through University Theatre (<https://blogs.uoregon.edu/theatre/>) productions and studio coursework.

Create purposeful works of art and use your voice to change the world. With outstanding facilities, knowledgeable faculty members, and a supportive theatre community, the University of Oregon's Department of Theatre Arts provides everything you need to hone your craft and achieve your goals.

You'll be given the opportunity to write, direct, and manage your own performances through classes and the Pocket Playhouse, a fully operational theater for undergraduates. In addition, you'll study the history, literature, and cultural aspects of theater across the globe, providing you with a valuable liberal arts background. Learn practical skills such as playwriting, acting, wood construction, sewing, and stage management. Take risks and gain insight in a nurturing and engaging environment. An adventure awaits you, whether your focus is on acting, stage production, or designing dazzling costumes.

For its undergraduate major program, the Department of Theater Arts has three principal objectives:

1. The attainment, by all of its majors, of a broad liberal arts education
2. Sufficient instruction to provide an appreciation of the different areas of theater
3. Direct experience in several aspects of theater production

Students study acting, directing, design, costume, lighting, stagecraft, history, dramatic literature, and theory. Courses in these fields are available to both majors and nonmajors.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge, research, and analysis of theatre history, dramatic literature and critical theory across time and cultures, employing effective written and oral communication.
- Demonstrate the comprehension of form and content in theatre through production-related practice, applying skillsets of design, technology, management, and performance.
- Demonstrate personal theatrical aesthetic and artistic vision through script analysis and interpretation, integrating the visual and material/ physical in collaborative practice.
- Demonstrate understanding of degree requirements and production expectations for the major, and chart prospective internship and other educational or professional opportunities in current theatre and related fields during and especially after college.

Theater Arts Major Requirements

| Code                                                                                            | Title                                                                         | Credits |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------|
| TA 210                                                                                          | Introduction to Design                                                        | 4       |
| TA 211–212                                                                                      | Theater Production I-II                                                       | 8       |
| TA 250                                                                                          | Introduction to Acting                                                        | 4       |
| TA 271                                                                                          | Introduction to Theater Arts                                                  | 4       |
| TA 367–369                                                                                      | History of the Theater I-III                                                  | 12      |
| TA 470                                                                                          | Majors Seminar                                                                | 4       |
| TA 490                                                                                          | Theater Capstone: [Topic] (Play Direction, Playwriting, Devising, Dramaturgy) | 4       |
| Three of the following: <sup>1</sup>                                                            |                                                                               | 3       |
| TA 321                                                                                          | Scenery Production                                                            |         |
| TA 322                                                                                          | Costume Production                                                            |         |
| TA 323                                                                                          | Lighting Production                                                           |         |
| TA 324                                                                                          | Production                                                                    |         |
| Three upper-division courses in acting, directing, design, technical production, or playwriting |                                                                               | 12      |
| Three upper-division courses in history, literature, criticism, or dramaturgy <sup>2</sup>      |                                                                               | 12      |
| Total Credits                                                                                   |                                                                               | 67      |

<sup>1</sup> Production assignments are 1–4 credits each and are arranged individually between the student and faculty member overseeing the area of interest.

<sup>2</sup> With the consent of an advisor, a student may substitute a course in another department for one of these courses, selected from a list approved by the theater arts faculty.

Approved Courses

| Code                                                                   | Title                        | Credits |
|------------------------------------------------------------------------|------------------------------|---------|
| Acting, Directing, Design, Technical Production or Playwriting Courses |                              |         |
| TA 410                                                                 | Experimental Course: [Topic] |         |
| TA 416                                                                 | Costume Design               |         |
| TA 418                                                                 | Costume Pattern Drafting     |         |

|        |                                                               |
|--------|---------------------------------------------------------------|
| TA 420 |                                                               |
| TA 452 | Advanced Acting: [Topic]                                      |
| TA 441 | Scene Design: Single Set                                      |
| TA 445 | Advanced Projects in Theater Technology: [Topic] <sup>1</sup> |
| TA 467 | Lighting for the Stage                                        |

|                                                       |                                                      |
|-------------------------------------------------------|------------------------------------------------------|
| History, Literature, Criticism, or Dramaturgy Courses |                                                      |
| TA 411                                                | Costume History I                                    |
| TA 412                                                | Costume History II                                   |
| TA 471                                                | Studies in Theater and Culture: [Topic] <sup>1</sup> |
| TA 472                                                | Multicultural Theater: [Topic] <sup>1</sup>          |

<sup>1</sup> Repeatable when topic changes

Grading Options

Some courses in theater arts are offered pass/no pass (P/N) only. Work counts toward fulfillment of the 180-credit requirement for a BA or BS only if satisfactorily completed.

Transfer Students

Transfer students must complete six 4-credit, upper-division courses and two of the production courses listed in the course list in residence at the University of Oregon.

Honors in Theater Arts

At the end of each academic year, the department's faculty selects certain graduating seniors and confers on them departmental honors. Criteria include academic performance as well as the quality of participation in the production program.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in Theater Arts

| Course                                             | Title                                            | Credits | Milestones |
|----------------------------------------------------|--------------------------------------------------|---------|------------|
| First Year                                         |                                                  |         |            |
| Fall                                               |                                                  |         |            |
| TA 271                                             | Introduction to Theater Arts                     | 4       |            |
| WR 121Z                                            | Composition I                                    | 4       |            |
| First term of first-year second-language sequence  |                                                  | 4       |            |
| TA 250 or TA 210                                   | Introduction to Acting or Introduction to Design | 4       |            |
| Credits                                            |                                                  | 16      |            |
| Winter                                             |                                                  |         |            |
| TA 211                                             | Theater Production I                             | 4       |            |
| Second term of first-year second-language sequence |                                                  | 4       |            |
| TA 250 or TA 251                                   | Introduction to Acting or Acting Scene Study     | 4       |            |
| WR 122Z or WR 123                                  | Composition II or College Composition III        | 4       |            |
| Credits                                            |                                                  | 16      |            |

**Spring**

|                                                   |                                                    |                                         |           |
|---------------------------------------------------|----------------------------------------------------|-----------------------------------------|-----------|
| TA 212<br>or TA 210                               | Theater Production II<br>or Introduction to Design |                                         | 4         |
| TA 250<br>or TA 252                               | Introduction to Acting<br>or Acting Auditions      | Complete<br>UO<br>writing<br>requiremer | 4         |
| General-education course                          |                                                    |                                         | 4         |
| Third term of first-year second-language sequence |                                                    |                                         | 4         |
| Meet with TA advisor                              |                                                    |                                         |           |
| <b>Credits</b>                                    |                                                    |                                         | <b>16</b> |
| <b>Total Credits</b>                              |                                                    |                                         | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                                    |                                                                                      |  |           |
|----------------------------------------------------|--------------------------------------------------------------------------------------|--|-----------|
| General-education course                           |                                                                                      |  | 4         |
| First term of second-year second-language sequence |                                                                                      |  | 4         |
| TA 321                                             | Scenery Production                                                                   |  | 1         |
| TA 322                                             | Costume Production                                                                   |  | 1         |
| TA 323                                             | Lighting Production                                                                  |  | 1         |
| TA 324                                             | Production                                                                           |  | 1         |
| TA 271<br>or TA 210<br>or TA 211                   | Introduction to Theater Arts<br>or Introduction to Design<br>or Theater Production I |  | 4         |
| <b>Credits</b>                                     |                                                                                      |  | <b>16</b> |

**Winter**

|                                                         |                                             |  |           |
|---------------------------------------------------------|---------------------------------------------|--|-----------|
| Second term of second-year second-language sequence     |                                             |  | 4         |
| General-education courses                               |                                             |  | 8         |
| TA 321<br>& TA 322<br>& TA 323<br>& TA 324<br>or TA 251 | Scenery Production<br>or Acting Scene Study |  | 4         |
| <b>Credits</b>                                          |                                             |  | <b>16</b> |

**Spring**

|                                                                                          |                                           |  |           |
|------------------------------------------------------------------------------------------|-------------------------------------------|--|-----------|
| Third term of second-year second-language sequence<br>(Overall UO GPA of 2.00 or higher) |                                           |  | 4         |
| General-education courses                                                                |                                           |  | 8         |
| TA 321<br>& TA 322<br>& TA 323<br>& TA 324<br>or TA 252                                  | Scenery Production<br>or Acting Auditions |  | 4         |
| <b>Credits</b>                                                                           |                                           |  | <b>16</b> |
| <b>Total Credits</b>                                                                     |                                           |  | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                            |                          |  |   |
|--------------------------------------------|--------------------------|--|---|
| TA 367                                     | History of the Theater I |  | 4 |
| Group-satisfying courses                   |                          |  | 8 |
| Upper-division course with TA subject code |                          |  | 4 |

Meet with TA advisor

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|                          |                           |           |
|--------------------------|---------------------------|-----------|
| TA 368                   | History of the Theater II | 4         |
| TA 470                   | Majors Seminar            | 4         |
| Group-satisfying courses |                           | 8         |
| <b>Credits</b>           |                           | <b>16</b> |

**Spring**

|                                                                          |                            |           |
|--------------------------------------------------------------------------|----------------------------|-----------|
| TA 369                                                                   | History of the Theater III | 4         |
| Upper-division course with TA subject code                               |                            | 4         |
| General-education course that also satisfies a multicultural requirement |                            | 8         |
| <b>Credits</b>                                                           |                            | <b>16</b> |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                             |                                                                                           |           |
|---------------------------------------------|-------------------------------------------------------------------------------------------|-----------|
| TA 490                                      | Theater Capstone: [Topic]                                                                 | 4         |
| Upper-division courses with TA subject code |                                                                                           | 8         |
| TA 321<br>& TA 322<br>& TA 323<br>& TA 324  | Scenery Production<br>and Costume Production<br>and Lighting Production<br>and Production | 4         |
| Meet with TA advisor                        |                                                                                           |           |
| <b>Credits</b>                              |                                                                                           | <b>16</b> |

**Winter**

|                                            |                           |           |
|--------------------------------------------|---------------------------|-----------|
| TA 490                                     | Theater Capstone: [Topic] | 4         |
| Upper-division course with TA subject code |                           | 4         |
| Elective courses                           |                           | 8         |
| <b>Credits</b>                             |                           | <b>16</b> |

**Spring**

|                                                     |  |           |
|-----------------------------------------------------|--|-----------|
| Elective courses (Overall UO GPA of 2.00 or higher) |  | 8         |
| Upper-division courses with TA subject code         |  | 8         |
| <b>Credits</b>                                      |  | <b>16</b> |
| <b>Total Credits</b>                                |  | <b>48</b> |

**Bachelor of Science in Theater Arts**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|                     |                                                     |           |
|---------------------|-----------------------------------------------------|-----------|
| TA 271              | Introduction to Theater Arts                        | 4         |
| WR 121Z             | Composition I                                       | 4         |
| TA 250<br>or TA 210 | Introduction to Acting<br>or Introduction to Design | 4         |
| Mathematics course  |                                                     | 4         |
| <b>Credits</b>      |                                                     | <b>16</b> |

**Winter**

|                      |                                                 |   |
|----------------------|-------------------------------------------------|---|
| TA 211               | Theater Production I                            | 4 |
| WR 122Z<br>or WR 123 | Composition II<br>or College Composition III    | 4 |
| TA 250<br>or TA 251  | Introduction to Acting<br>or Acting Scene Study | 4 |

|                                                                     |           |
|---------------------------------------------------------------------|-----------|
| Mathematics course                                                  | 4         |
| <b>Credits</b>                                                      | <b>16</b> |
| <b>Spring</b>                                                       |           |
| TA 212 Theater Production II<br>or TA 210 or Introduction to Design | 4         |
| TA 250 Introduction to Acting<br>or TA 252 or Acting Auditions      | 4         |
| General-education course                                            | 4         |
| Mathematics course                                                  | 4         |
| Meet with TA advisor                                                |           |
| <b>Credits</b>                                                      | <b>16</b> |
| <b>Total Credits</b>                                                | <b>48</b> |

| Course                                                                                                                      | Title | Credits   | Milestones |
|-----------------------------------------------------------------------------------------------------------------------------|-------|-----------|------------|
| <b>Second Year</b>                                                                                                          |       |           |            |
| <b>Fall</b>                                                                                                                 |       |           |            |
| TA 271 Introduction to Theater Arts<br>or TA 210 or Introduction to Design<br>or TA 211 or Theater Production I             |       | 4         |            |
| TA 321 Scenery Production<br>& TA 322 and Costume Production<br>& TA 323 and Lighting Production<br>& TA 324 and Production |       | 4         |            |
| General-education courses                                                                                                   |       | 8         |            |
| <b>Credits</b>                                                                                                              |       | <b>16</b> |            |
| <b>Winter</b>                                                                                                               |       |           |            |
| TA 321 Scenery Production<br>& TA 322 or Acting Scene Study<br>& TA 323<br>& TA 324<br>or TA 251                            |       | 4         |            |
| General-education courses                                                                                                   |       | 12        |            |
| <b>Credits</b>                                                                                                              |       | <b>16</b> |            |
| <b>Spring</b>                                                                                                               |       |           |            |
| TA 321 Scenery Production<br>& TA 322 or Acting Auditions<br>& TA 323<br>& TA 324<br>or TA 252                              |       | 4         |            |
| General-education courses                                                                                                   |       | 12        |            |
| <b>Credits</b>                                                                                                              |       | <b>16</b> |            |
| <b>Total Credits</b>                                                                                                        |       | <b>48</b> |            |

| Course                                     | Title | Credits   | Milestones |
|--------------------------------------------|-------|-----------|------------|
| <b>Third Year</b>                          |       |           |            |
| <b>Fall</b>                                |       |           |            |
| TA 367 History of the Theater I            |       | 4         |            |
| General-education courses                  |       | 8         |            |
| Upper-division course with TA subject code |       | 4         |            |
| Meet with TA advisor                       |       |           |            |
| <b>Credits</b>                             |       | <b>16</b> |            |
| <b>Winter</b>                              |       |           |            |
| TA 368 History of the Theater II           |       | 4         |            |
| TA 470 Majors Seminar                      |       | 4         |            |
| General-education course                   |       | 4         |            |

|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| General-education or elective course                                     | 4         |
| <b>Credits</b>                                                           | <b>16</b> |
| <b>Spring</b>                                                            |           |
| TA 369 History of the Theater III                                        | 4         |
| Upper-division course with TA subject code                               | 4         |
| General-education course that also satisfies a multicultural requirement | 4         |
| General-education or elective course                                     | 4         |
| <b>Credits</b>                                                           | <b>16</b> |
| <b>Total Credits</b>                                                     | <b>48</b> |

| Course                                                                                                                      | Title | Credits   | Milestones |
|-----------------------------------------------------------------------------------------------------------------------------|-------|-----------|------------|
| <b>Fourth Year</b>                                                                                                          |       |           |            |
| <b>Fall</b>                                                                                                                 |       |           |            |
| TA 490 Theater Capstone: [Topic]                                                                                            |       | 4         |            |
| TA 321 Scenery Production<br>& TA 322 and Costume Production<br>& TA 323 and Lighting Production<br>& TA 324 and Production |       | 4         |            |
| Upper-division courses with TA subject code                                                                                 |       | 8         |            |
| Meet with TA advisor                                                                                                        |       |           |            |
| <b>Credits</b>                                                                                                              |       | <b>16</b> |            |
| <b>Winter</b>                                                                                                               |       |           |            |
| TA 490 Theater Capstone: [Topic]                                                                                            |       | 4         |            |
| Upper-division course with TA subject code                                                                                  |       | 4         |            |
| Elective courses                                                                                                            |       | 8         |            |
| <b>Credits</b>                                                                                                              |       | <b>16</b> |            |
| <b>Spring</b>                                                                                                               |       |           |            |
| Upper-division courses with TA subject code (Overall UO GPA of 2.00 or higher)                                              |       | 8         |            |
| Elective courses                                                                                                            |       | 8         |            |
| <b>Credits</b>                                                                                                              |       | <b>16</b> |            |
| <b>Total Credits</b>                                                                                                        |       | <b>48</b> |            |

## Theater Arts Minor

The purpose of the Minor degree in Theatre is to expose the student to a variety of the disciplines within Theatre and to allow for some specialization.

### Theater Arts Minor Requirements

Coursework for the minor must be completed with letter grades of mid-C or better. At least 16 credits must be taken at the university. One course in each of the following areas must be included:

- literature and criticism
- performance
- technical theater
- theater history

| Code                 | Title                               | Credits   |
|----------------------|-------------------------------------|-----------|
|                      | Theater arts courses                | 8         |
|                      | Upper-division theater arts courses | 16        |
| <b>Total Credits</b> |                                     | <b>24</b> |



## Approved Courses

| Code                            | Title                                            | Credits |
|---------------------------------|--------------------------------------------------|---------|
| <b>Literature and Criticism</b> |                                                  |         |
| TA 271                          | Introduction to Theater Arts                     |         |
| TA 471                          | Studies in Theater and Culture: [Topic]          |         |
| TA 472                          | Multicultural Theater: [Topic]                   |         |
| TA 490                          | Theater Capstone: [Topic]                        |         |
| <b>Performance</b>              |                                                  |         |
| TA 250                          | Introduction to Acting                           |         |
| TA 251                          | Acting Scene Study                               |         |
| TA 252                          | Acting Auditions                                 |         |
| TA 452                          | Advanced Acting: [Topic]                         |         |
| <b>Technical Theater</b>        |                                                  |         |
| TA 210                          | Introduction to Design                           |         |
| TA 211                          | Theater Production I                             |         |
| TA 212                          | Theater Production II                            |         |
| TA 416                          | Costume Design                                   |         |
| TA 418                          | Costume Pattern Drafting                         |         |
| TA 441                          | Scene Design: Single Set                         |         |
| TA 467                          | Lighting for the Stage                           |         |
| TA 445                          | Advanced Projects in Theater Technology: [Topic] |         |
| <b>Theater History</b>          |                                                  |         |
| TA 367                          | History of the Theater I                         |         |
| TA 368                          | History of the Theater II                        |         |
| TA 369                          | History of the Theater III                       |         |
| TA 411                          | Costume History I                                |         |
| TA 412                          | Costume History II                               |         |
| TA 471                          | Studies in Theater and Culture: [Topic]          |         |

## Theater Arts (MA)

Each graduate student is expected to show ability in both academic and production areas. During residence at the university, a student is expected to make a significant contribution in three areas out of the following seven: acting, directing, technical theater, management, playwriting, teaching, and design.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content through course work.
- Demonstrate effective oral and written communication skills.
- Acquire research skills necessary to carry out a significant independent research project (i.e. an M.A. Thesis as described in the Graduate Handbook).
- Demonstrate pedagogic ability in teaching undergraduates.
- Complete requirements for foreign language proficiency (equivalent to completion of two years of college-level foreign language study in one foreign language).

## Master of Arts in Theater Arts

| Code                 | Title                                               | Credits   |
|----------------------|-----------------------------------------------------|-----------|
|                      | Graduate credits in graded theater arts course work | 28        |
| TA 503               | Thesis                                              | 12        |
| TA 607               | Seminar: [Topic] <sup>1</sup>                       | 16        |
| <b>Total Credits</b> |                                                     | <b>56</b> |

<sup>1</sup> Course topic changes every term. The master of arts requires at least 16 credits (four seminars). The student may also take approved 600-level course work.

## Additional Requirements

- A minimum grade point average of 3.00
- Language proficiency (course work or examination)
- Completion of approved thesis
- Faculty-guided artistic production in design, acting, directing, technical production, dramaturgy, and playwriting

## Theater Arts (MFA)

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content and technical skills through course work.
- Demonstrate effective artistic, oral, and written communication skills.
- Demonstrate pedagogic ability in teaching and/or supervising undergraduates.
- Develop technical and artistic skills necessary to carry out and report on a significant "Final Project" (as outlined in the Graduate Handbook).

## Master of Fine Arts Degree Requirements

The following are minimum requirements, all of which must be taken for a letter grade with the exception of Research: [Topic] (TA 601) and Terminal Project (TA 609).

| Code                                                                        | Title                         | Credits   |
|-----------------------------------------------------------------------------|-------------------------------|-----------|
| TA 601                                                                      | Research: [Topic]             | 4         |
| TA 607                                                                      | Seminar: [Topic] <sup>1</sup> | 8         |
| TA 609                                                                      | Terminal Project              | 16        |
| Design and technology courses <sup>2</sup>                                  |                               | 24        |
| Theater history, literature, and theory courses at the 500 and 600 level    |                               | 8         |
| Related courses outside the department <sup>3</sup>                         |                               | 8         |
| At least one course from acting, directing, dramaturgy, or stage management |                               | 4         |
| Additional graded graduate-level theater arts course work                   |                               | 16        |
| <b>Total Credits</b>                                                        |                               | <b>88</b> |

<sup>1</sup> Course topics change every term. The MFA requires at least 8 credits. Students may also take approved and graded 600-level course work.

- <sup>2</sup> Must include at least one course each in lighting, scenery, and costumes.
- <sup>3</sup> With advisor approval, undergraduate courses at the 300 level may apply.

### Additional Requirements

- A minimum grade point average of 3.00
- Completion and approval of a final project and written document

The master of fine arts degree does **not** require proficiency in a second language. Coursework is substantially completed during the first years; the MFA program typically takes three years to complete.

## Theater Arts (PhD)

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content knowledge through course work.
- Demonstrate effective oral and written communication skills.
- Demonstrate acquisition of Secondary Expertise consistent with guidelines stated in the Graduate Handbook.
- Demonstrate skills necessary to participate in at least one University Theatre production through faculty-guided artistic contributions, including (but not limited to): directing, assistant directing, acting, dramaturgy, or playwriting.
- Develop research skills necessary to carry out a significant independent research project (i.e. the Ph.D. Dissertation).
- Demonstrate pedagogic ability in teaching undergraduates.
- Complete requirements for foreign language proficiency (equivalent to completion of two years of college-level foreign language study in one foreign language).

The PhD in theater arts requires nine courses in the first year and seven courses in the second year, which may include as much as 6 credits of independent reading toward the qualifying examinations in winter or spring terms of the second year. Students seeking the PhD must have demonstrated proficiency in a foreign language, either from two years of successful college course work or by passing a basic translation-comprehension exam, such as the College-Level Examination Program (CLEP) test.

Following completion of course work, students wishing to pass to doctoral candidacy must pass qualifying examinations. Within one month after advancement to doctoral candidacy, students must deliver a dissertation prospectus for committee approval. Candidacy may be granted only after an approved dissertation prospectus. The degree is granted only with successful completion and full approval of a dissertation under Division of Graduate Studies rules and deadlines.

### Requirements Summary

- A minimum of 20 graded credits in 600-level graduate seminars
- At least 12 graded credits (or three 500- to 600-level courses) in a related field outside of theater arts
- Proof of reading comprehension in a foreign language (transcript credits or examination)

- Involvement in a faculty-guided artistic production in design, acting, directing, technical production, dramaturgy, and playwriting
- Qualifying examinations, oral defense, and approved prospectus
- At least 18 credits of Dissertation (TA 603)
- Completion of dissertation and approval of oral defense

## Natural Sciences

Our science departments are committed to creating and disseminating new knowledge in their fields by combining research and teaching. Our 200 faculty members — including fellows of many learned societies and academies — are engaged in research that spans a broad range, from questions about the foundations of quantum mechanics, to the development of cancer cells and the workings of the brain, to work resulting in the spin-off of high-technology companies. Faculty share their excitement about their research with their students, training them to become part of the next generation of scientists who will push the frontiers of human knowledge.

- Biology (p. 195)
- Chemistry and Biochemistry (p. 207)
- Computer Science (p. 220)
- Data Science (p. 231)
- Earth Sciences (p. 235)
- Human Physiology (p. 247)
- Mathematics (p. 253)
- Multidisciplinary Science (p. 270)
- Neuroscience (p. 274)
- Physics (p. 279)
- Psychology (p. 286)

## Biology

### Bruce A. Bowerman, Department Head

77 Klamath Hall  
1210 University of Oregon  
Eugene, Oregon 97403-1210  
541-346-4502

Biologists investigate a broad spectrum of questions about living organisms and life processes—the physical and chemical bases of life, how organisms and their component parts are structured, how they function, how they interact with their environment, and how they have evolved.

Departmental teaching and research emphases in cellular and molecular biology, developmental biology, ecology and evolution, human biology, marine biology, neuroscience and behavior, and bioinformatics offer students opportunities to learn and work with scientists who are making important contributions to knowledge in these areas.

## Faculty

Matthew F. Barber, associate professor (evolutionary genetics, host-microbe interactions, and biochemistry). BA, 2006, Colgate; PhD, 2012, Stanford. (2016)

Nicola C. Barber, senior instructor (molecular biology, science education). BA, 2006, Colgate; PhD, 2011, California, Berkeley. (2016)

Brendan J. M. Bohannon, Alec and Kay Keith Professor (microbial ecology and evolution). BS, 1991, Humboldt State; PhD, 1997, Michigan State. (2006)

Bruce A. Bowerman, professor (developmental genetics, regulation of the cytoskeleton in *C. elegans*). BA, 1981, Kansas State; PhD, 1989, California, San Francisco. (1992)

William E. Bradshaw, professor (evolutionary genetics, population biology, evolutionary physiology). BA, 1964, Princeton; MS, 1965, PhD, 1969, Michigan. (1971)

Mark C. Carrier, senior instructor (developmental biology and physiology). BS, BA, 1987, Massachusetts; MS, 1998, California, Berkeley. (2000)

Amy A. Connolly, instructor (genetics, cell biology, cell division). BS, 2008, Kansas; PhD, 2014, Oregon. (2018)

William A. Cresko, professor (evolutionary developmental genetics). BA, 1992, Pennsylvania; PhD, 2000, Clark. (2005)

Jeffrey M. Diez, associate professor (community ecology, phenology, climate change ecology). BA, MA, 1998, University of Pennsylvania; PhD, 2005, University of Georgia. (2020)

Chris Q. Doe, professor (development of the nervous system, neural stem cells, asymmetric cell division). BA, 1981, New College, Sarasota; PhD, 1987, Stanford. (1998)

Judith S. Eisen, professor (development and function of the nervous system). BS, 1973, MS, 1977, Utah State; PhD, 1982, Brandeis. (1985)

Richard B. Emlet, professor (evolution and development of marine invertebrates). BS, 1977, Duke; PhD, 1985, Washington (Seattle). (1992)

Aaron W. E. Galloway, associate professor (marine trophic ecology, fatty acids). BA, 1999, Evergreen State College; MS, 2004, Central Washington; PhD, 2013, Washington (Seattle). (2015)

David M. Garcia, assistant professor (molecular biology and epigenetics, prions that regulate RNA). BS, 2004, California, Santa Cruz; PhD, 2012, Massachusetts Institute of Technology. (2018)

Daniel T. Grimes, assistant professor (developmental biology, zebrafish genetics, human disease models). MBiochem, 2008, DPhil, 2013, Oxford. (2019)

Lauren M. Hallett, associate professor (plant community ecology, restoration ecology). BS, 2008, Yale; MSc, 2010, Western Australia; PhD, 2015, California, Berkeley. (2017)

Victoria Herman, associate professor (development and function of nervous system in *Drosophila*). BA, 1989, Harvard-Radcliffe; PhD, 1998, Massachusetts Institute of Technology. (2003)

Cristin L. Hulslander, senior instructor (behavioral ecology). BA, 1992, Bryn Mawr; PhD, 2003, Clark. (2003)

Santiago Jaramillo, associate professor (neuronal circuits underlying behavioral flexibility). BS, 1998, Universidad Pontificia Bolivariana; MS, 2002, New Mexico; PhD, 2007, National University of Ireland. (2013)

Eric A. Johnson, associate professor (*Drosophila* genetics, genomics and cellular physiology). BA, 1990, Grinnell; PhD, 1996, Iowa. (2001)

Andrew D. Kern, associate professor (population genetics, computational biology). ScB, 1999, Brown; PhD, 2005, California, Davis. (2017)

Diana E. Libuda, associate professor (molecular genetics, DNA repair, chromosome dynamics during meiosis). BS, 2003, California, Los Angeles; PhD, 2008, Harvard. (2014)

Shawn R. Lockery, professor (invertebrate neurobiology and neural networks). BA, 1981, Yale; PhD, 1989, California, San Diego. (1993)

V. Pateson Lombardi, senior instructor with title of research assistant professor (human biology, medical physiology); director, undergraduate advising. BA, 1977, MAT, 1979, North Carolina, Chapel Hill; PhD, 1984, Oregon. (1984)

Stilianos Louca, assistant professor (microbial ecology and evolution, bioinformatics, mathematical modeling). BSc, 2010, Diplom, 2012, Friedrich Schiller; PhD, 2016, British Columbia. (2019)

Svetlana Maslakova, associate professor (evolution, development and systematics of marine invertebrates). BA, 1998, MS, 1999, Moscow State; PhD, 2005, George Washington. (2008)

Luca Mazzucato, assistant professor (neural basis sensory perception, neurostatistical analysis). MSci, 2002, Padua; PhD, 2005, Scuola Internazionale Superiore di Studi Avanzati. (2017)

David A. McCormick, professor (cellular mechanisms of cortical function); Presidential Chair. BA, BS, 1979, Purdue; PhD, 1983, Stanford. (2017)

Krista McGuire, associate professor (microbial ecology). BS, 2000, Muhlenberg College; PhD, 2007, Michigan, Ann Arbor. (2017)

Adam C. Miller, associate professor (neural circuit formation and function). BS, 2001, PhD, 2008, Oregon. (2016)

James M. Murray, assistant professor (theoretical neuroscience, learning in neural circuits). BS, 2006, Montana State University; PhD, 2013, Johns Hopkins University. (2020)

Cristopher M. Niell, associate professor (development and function of neural circuits for visual processing). BS, 1995, PhD, 2004, Stanford. (2011)

Ken-ichi Noma, professor (3D genome organization in yeast and human systems). BS, 1995, Nagaoka University; PhD, 2000, University of Tokyo. (2018)

Laurel E. Pfeifer-Meister, senior instructor (ecology, climate change, biodiversity). BA, BS, 2000, Westmont College; PhD, 2008, Oregon. (2016)

Patrick C. Phillips, professor (evolution, genetics, complex traits). BA, 1986, Reed; PhD, 1991, Chicago. (2000)

Tobias J. Policha, senior instructor (plant community ecology, pollination, tropical orchid conservation). BS, 2007, MS, 2011, PhD, 2014, Oregon. (2017)

Lauren C. Ponisio, assistant professor (community ecology, species interactions, data science). BS, 2010, Stanford University; MS, 2011, Stanford University; PhD, 2017, UC Berkeley (2020)

Jana Prikryl, senior instructor (molecular genetics). BS, 1999, Colorado, Boulder; PhD, 2009, Oregon. (2010)

Peter L. Ralph, associate professor (evolution and population genetics, data analysis, stochastic processes). AB, 2002, PhD, 2009, California, Berkeley. (2016)

Eric Selker, professor (epigenetic mechanisms). BA, 1975, Reed; PhD, 1980, Stanford. (1985)

Lucas Silva, associate professor (terrestrial ecology, biogeochemistry, biogeography) BS 2005, Forest Engineering, University of Brasilia; MS 2007, Ecosystem Ecology, University of Miami/University of Brasilia; PhD, 2011, Environmental Biology, University of Guelph (2016)

Nadia D. Singh, associate professor (evolutionary genetics, genomics). BA, 1999, Harvard; PhD, 2006, Stanford. (2016)

Kryn Stankunas, associate professor (chromatin and regulators as dynamic sources of epigenetic information during heart development). BS, 1997, British Columbia; PhD, 2003, Stanford. (2009)

Matthew A. Streisfeld, associate professor (adaptation in natural plant populations). BS, 1998, Emory; PhD, 2005, California, San Diego. (2009)

Kelly Sutherland, associate professor (marine biology). BS, 1999, Tufts; MSc, 2004, South Alabama; PhD, 2009, Massachusetts Institute of Technology. (2011)

Emily L. Sylwestrak, assistant professor (neural circuits of behavior, motivation, synaptic physiology). BS, 2006, Illinois Urbana-Champaign; PhD, 2011, California, San Diego. (2019)

George R. von Dassow, associate professor (cell biology of development). PhD, 2000, Washington (Seattle). (2014)

Philip E. Washbourne, associate professor (molecular neurobiology, synapse formation). BS, 1995, Imperial College; PhD, 2000, Padua. (2004)

Maya W. Watts, instructor/education coordinator (invertebrate zoology, parasitology). BS, 2004, College of Charleston; PhD, 2010, University of Oregon. (2018)

Monte Westerfield, professor (molecular genetics of nervous system development). AB, 1973, Princeton; PhD, 1977, Duke. (1981)

A. Michelle Wood, professor (microbial ecology and evolution, biological oceanography). BA, 1973, Corpus Christi; PhD, 1980, Georgia. (1990)

Craig M. Young, professor (marine ecology, deep-sea biology, invertebrate embryology); director, Oregon Institute of Marine Biology. BS, 1975, MS, 1978, Brigham Young. PhD, 1982, Alberta. (2002)

Anne Zemper, assistant professor (intestinal stem cell biology, adult homeostasis disease states). BA, 2003, Concordia; PhD, 2010, Oregon Health and Science. (2014)

## Courtesy

Steven S. Rumrill, courtesy research associate (estuarine ecology and management, larval biology of marine invertebrates). BA, 1981, MS, 1983, California, Santa Cruz; PhD, 1987, Alberta. (1991)

Carl A. Stiefbold, courtesy senior instructor (science laboratory education). BS, 1971, Portland State. (1987)

David H. Wagner, courtesy associate professor (plant taxonomy, ecology, evolution of bryophytes and pteridophytes). BA, 1968, Puget Sound; MS, 1974, PhD, 1976, Washington State. (1976)

## Emeriti

Andrew S. Bajer, professor emeritus. PhD, 1950, DSc, 1956, Cracow. (1964)

Alice Barkan, professor emerita (molecular genetics). BS, 1978, Massachusetts Institute of Technology; PhD, 1983, Wisconsin, Madison. (1991)

Howard T. Bonnett Jr., professor emeritus. BA, 1958, Amherst; PhD, 1964, Harvard. (1965)

Scott D. Bridgman, professor emeritus (ecosystem ecology, plant community dynamics). BA, 1980, BA, 1982, Maine; MS, 1986, Minnesota; PhD, 1991, Duke. (2002)

Roderick A. Capaldi, professor emeritus. BS, 1967, London; PhD, 1970, York. (1973)

George C. Carroll, professor emeritus. BA, 1962, Swarthmore; PhD, 1966, Texas. (1967)

John S. Conery, professor emeritus. BA, 1976, California, San Diego; PhD, 1983, California, Irvine. (1983)

David. O. Conover, professor emeritus (fisheries science, marine ecology, evolutionary biology). BS, 1975, Eckerd College; MS, 1979, PhD, 1981, University of Massachusetts, Amherst. (2016)

Alan Dickman, professor emeritus. BA, 1976, California, Santa Cruz; PhD, 1984, Oregon. (1986)

Janet Hodder, senior lecturer (ecology of marine birds and mammals, science education). BS, 1977, Liverpool; PhD, 1986, Oregon. (1986)

Charles B. Kimmel, professor emeritus. BA, 1962, Swarthmore; PhD, 1966, Johns Hopkins. (1969)

John H. Postlethwait, professor emeritus. BS, 1966, Purdue; PhD, 1970, Case Western Reserve. (1971)

William Roberts, professor emeritus. BA, 1970, Harvard; PhD, 1979, California, San Diego. (1989)

Bitty A. Roy, professor emerita. BS, 1982, Evergreen State; MS, 1985, Southern Illinois; PhD 1992, Claremont Graduate School. (2001)

Paul P. Rudy, professor emeritus. BA, 1955, MA, 1959, PhD, 1966, California, Davis. (1968)

Eric Schabtach, senior instructor emeritus. BS, 1963, McGill. (1969)

Alan Shanks, professor emeritus (marine and intertidal ecology, larval biology, zooplankton). BA, 1977, California, Santa Cruz; PhD, 1985, California, San Diego. (1993)

Lynda P. Shapiro, professor emerita. BA, 1960, MS, 1963, Arkansas; PhD, 1974, Duke. (1990)

George F. Sprague Jr., professor emeritus. BS, 1969, North Carolina State; PhD, 1977, Yale. (1981)

Karen U. Sprague, professor emerita. BA, 1964, Bryn Mawr; PhD, 1970, Yale. (1977)

Franklin W. Stahl, professor emeritus. AB, 1951, Harvard; PhD, 1956, Rochester. (1959)

Terry Takahashi, professor (analysis of neural circuitry). BS, 1975, California, Irvine; PhD, 1981, State University of New York, Downstate Medical Center. (1988)

Nora B. Terwilliger, professor emerita. BS, 1963, Vermont; MS, 1965, Wisconsin, Madison; PhD, 1981, Oregon. (1972)

Nathan J. Tublitz, professor emeritus (peptidergic regulation of behavior in insects and cephalopod mollusks). BA, 1975, Reed; PhD, 1984, Washington (Seattle). (1986)

Daniel Udovic, professor emeritus. BA, 1970, Texas; PhD, 1973, Cornell. (1973)

Janis C. Weeks, professor emerita. BS, 1975, Massachusetts Institute of Technology; PhD, 1980, California, San Diego. (1989)

Norman K. Wessells, professor emeritus; provost emeritus, academic affairs. BS, 1954, PhD, 1960, Yale. (1988)

James A. Weston, professor emeritus. BA, 1958, Cornell; PhD, 1963, Yale. (1970)

Peter B. Wetherwax, senior instructor emeritus with title of research assistant professor (pollination ecology, tropical ecology, science education). BA, 1980, California, Los Angeles; MA, 1985, Humboldt State; PhD, 1993, Oregon State. (1991)

Herbert P. Wisner, senior instructor emeritus. BA, 1949, MA, 1950, Syracuse. (1966)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Majors - Bachelor's Degree

- Biology (BA/BS) (p. 197)
- Marine Biology (BA/BS) (p. 201)

### Minor

- Biology (p. 206)

## Graduate Programs

### Major - Master's Degree

- Biology (MS) (p. 206)

### Major - Doctoral Degree

- Biology (PhD) (p. 207)

## Biology (BA/BS)

Thank you sincerely for your interest in studying Biology at the University of Oregon, a member of the Association of American Universities, that includes 65 Universities (63 in the US and 2 in Canada) recognized throughout the world for their leading research and teaching. We have developed an outstanding major that will prepare you for a multitude of options including graduate schools and careers in biomedicine and research, allied health, private industry, and education. Our nationally and internationally recognized graduates have completed top MD, PhD, MD-PhD, MS programs and internships all over the world. Emphasis Areas for the Biology major include Ecology & Evolution, Human Biology,



Marine Biology, Molecular Cellular & Developmental Biology and Neuroscience & Behavior.

Biology faculty who conduct research and teach specialize in cellular and molecular biology, developmental biology, ecology and evolution, human biology, marine biology, neuroscience and behavior, and bioinformatics. Our students learn and work alongside scientists making important contributions in their field of expertise. We foster collaboration among students, staff and faculty across Biology, Chemistry and Biochemistry, Human Physiology, Physics and Psychology Departments. The interdisciplinary nature of our department creates many opportunities for students post-graduation. Our graduates have secured jobs in a number of fields including:

- Biotechnology companies
- Clinics and hospitals
- Pharmaceutical companies
- Public health departments
- Colleges and universities
- Industry and laboratories
- Inspection agencies and control boards
- Private research institutions
- State and federal government agencies
- Zoos and aquariums

We are excited that you have considered Biology as a major and look forward to meeting with you soon here on campus in Eugene.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

### Fundamental Concepts:

- Evolution and biological diversity: all living organisms are genetically related; the diversity of life evolved over time by processes of mutation and selection.
- Structure and function: Basic units of structure give rise to the function of all living things.
- Information flow, exchange, and storage: Properties of organisms emerge from the flow, exchange, expression, and storage of genetic information.
- Pathways and transformations of energy and matter: Biological systems grow and change by processes based on chemical transformation pathways and are governed by the laws of thermodynamics.
- Systems: Living systems are interconnected and interacting.

## Bachelor of Arts Degree Requirements: Biology

| Code                     | Title                                                             | Credits   |
|--------------------------|-------------------------------------------------------------------|-----------|
| <b>Core Courses</b>      |                                                                   |           |
| <b>Math</b> <sup>1</sup> |                                                                   | <b>8</b>  |
| MATH 246                 | Calculus for the Biological Sciences I<br>or MATH 25:Calculus I   |           |
| MATH 247                 | Calculus for the Biological Sciences II<br>or MATH 25:Calculus II |           |
| <b>General Chemistry</b> |                                                                   | <b>18</b> |

|                                                                                    |                                                                                                                                                                                          |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| CH 221<br>& CH 222<br>& CH 223                                                     | General Chemistry I<br>and General Chemistry II<br>and General Chemistry III                                                                                                             |                |
| CH 227<br>& CH 228<br>& CH 229                                                     | General Chemistry Laboratory<br>and General Chemistry Laboratory<br>and General Chemistry Laboratory                                                                                     |                |
| <b>Organic Chemistry</b> <sup>2</sup>                                              |                                                                                                                                                                                          | <b>8</b>       |
| CH 331                                                                             | Organic Chemistry I                                                                                                                                                                      |                |
| CH 335                                                                             | Organic Chemistry II                                                                                                                                                                     |                |
| <b>Physics</b> <sup>3</sup>                                                        |                                                                                                                                                                                          | <b>12</b>      |
| PHYS 201<br>& PHYS 202<br>& PHYS 203                                               | General Physics<br>and General Physics<br>and General Physics<br>or PHYS 25:Foundations of Physics I<br>& PHYS 252and Foundations of Physics I<br>& PHYS 253and Foundations of Physics I |                |
| <b>Lower-Division Biology</b>                                                      |                                                                                                                                                                                          | <b>15-16</b>   |
| BI 211<br>& BI 212<br>& BI 213<br>& BI 214                                         | General Biology I: Cells<br>and General Biology II: Organisms<br>and General Biology III: Ecology and<br>Evolution<br>and General Biology IV: Biochemistry and<br>Genetics               |                |
| or BI 281H<br>& BI 282H<br>& BI 283H                                               | Honors Biology I: Cells, Biochemistry and Physiology<br>and Honors Biology II: Genetics and Molecular Biology<br>and Honors Biology III: Evolution, Diversity and<br>Ecology             |                |
| <b>Upper-Division Biology</b> <sup>4</sup>                                         |                                                                                                                                                                                          | <b>44</b>      |
| At least one course needs to be completed from each area (I, II, and III):         |                                                                                                                                                                                          |                |
| Area I: 300-level molecular, cellular, and developmental biology course            |                                                                                                                                                                                          |                |
| Area II: 300-level systems and organisms course                                    |                                                                                                                                                                                          |                |
| Area III: 300-level ecology and evolution course                                   |                                                                                                                                                                                          |                |
| Two or more 300- or 400-level courses with significant laboratory or fieldwork     |                                                                                                                                                                                          |                |
| 12 credits of courses numbered BI 410, 420–499                                     |                                                                                                                                                                                          |                |
| One course in modelling, analysis, programming, and statistics (MAPS) <sup>5</sup> |                                                                                                                                                                                          |                |
| <b>Total Credits</b>                                                               |                                                                                                                                                                                          | <b>105-106</b> |

<sup>1</sup> A course in statistics is required if an ecology and evolution or neuroscience and behavior emphasis area is selected.

<sup>2</sup> Graduate programs in medicine and allied health typically require an additional organic chemistry lecture, Organic Chemistry III (CH 336), and laboratories (CH 337, 338) beyond that required by the biology major. Often, course work in biochemistry and genetics as well as other additional courses are typically required or preferred. Please consult the Health Professions Program (<https://healthprofessions.uoregon.edu/>) for further details.

<sup>3</sup> Graduate programs in medicine and allied health typically require additional laboratories (PHYS 204, 205, 206) or three terms of Foundations of Physics Laboratory (PHYS 290) beyond that required by the biology major. Please consult the Health Professions Program (<https://healthprofessions.uoregon.edu/>) for further details.

- <sup>4</sup> Students must complete a minimum of 44 upper-division biology credits. For a complete list of approved courses and other details about upper-division requirements, see the online requirements for the biology major (<https://biology.uoregon.edu/undergraduate-program/requirements/>).
- <sup>5</sup> Visit the Biology Advising Center for a list of approved courses.

## Emphasis Areas for the Biology Major

Fulfilling the requirements for an undergraduate degree in biology provides a solid, general foundation in the discipline. Some biology majors choose to concentrate their upper-division course work in one of five emphasis areas:

- ecology and evolution
- human biology
- marine biology
- molecular, cellular, and developmental biology
- neuroscience and behavior

The requirements listed for each emphasis may be fulfilled as the student completes the upper-division course work for the biology major. Though not required, emphasis areas are designed to guide students, based on their specific interests, through upper-division course work. Upon graduation, students who complete the requirements for an emphasis area receive a written recognition from the department.

Visit [biology.uoregon.edu/undergraduate-program/requirements](http://biology.uoregon.edu/undergraduate-program/requirements/) (<http://biology.uoregon.edu/undergraduate-program/requirements/>) for the current requirements for each emphasis area, or contact the Biology Advising Center at 541-346-4525 for more information.

## Honors Program in Biology

The honors program requires substantial laboratory or field research supervised by a faculty member. Biology majors who satisfy the following requirements are eligible to graduate with honors:

1. Registration for the honors program through the Biology Advising Center, which includes obtaining an acceptance signature from the faculty research advisor, *before* beginning research
2. Completion of all requirements for the major in biology
3. Attainment of a minimum 3.30 GPA in all upper-division biology courses (including 300- and 400-level approved courses outside the department; see a biology advisor for a list). The GPA will be calculated for **all** courses in this category, regardless of the total number of credits.
4. Completion of a minimum of three terms of intensive research (summer session counts as a term); at least four terms and summer research experience are strongly encouraged
5. Completion of a minimum of 4 credits in Research: [Topic] (BI 401) under the supervision of a single faculty advisor. Up to 4 credits may be applied towards the 44 upper-division elective Biology credits. (See #7 for Honors College students.)
6. Completion of a thesis, with the following requirements:
  - a. Oversight by a thesis committee comprising two faculty members—a primary advisor and one faculty member on the Biology Undergraduate Affairs Committee
  - b. A final version of the thesis must be provided to the committee one week prior to the thesis defense

- c. Both committee members must sign the thesis within one week of the thesis defense, and a final signed copy must be submitted to the Biology Advising Center

### 7. Thesis defense

- a. Thesis committee must attend the thesis defense.
- b. Defense must happen at least one week prior to the end of the term in which the student is graduating.
- c. The thesis defense will be an open seminar. Other faculty, students, and staff will be encouraged to attend.

The chair of the Biology Undergraduate Affairs Committee will notify students during their senior year with the name of the committee member who will serve as their second thesis committee member. Students should contact both committee members via email sometime during the term before the defense to start working on a range of possible defense dates. For more information, contact the committee chair.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Biology

| Course                                                      | Title                                                         | Credits   | Milestones |
|-------------------------------------------------------------|---------------------------------------------------------------|-----------|------------|
| <b>First Year</b>                                           |                                                               |           |            |
| <b>Fall</b>                                                 |                                                               |           |            |
| CH 111                                                      | Introduction to Chemical Principles                           | 4         |            |
| MATH 111Z                                                   | Precalculus I: Functions                                      | 4         |            |
| WR 121Z                                                     | Composition I                                                 | 4         |            |
| Arts and letters or social science course                   |                                                               | 4         |            |
| <b>Credits</b>                                              |                                                               | <b>16</b> |            |
| <b>Winter</b>                                               |                                                               |           |            |
| CH 221                                                      | General Chemistry I                                           | 4         |            |
| CH 227                                                      | General Chemistry Laboratory                                  | 2         |            |
| MATH 112Z                                                   | Precalculus II: Trigonometry                                  | 4         |            |
| WR 123                                                      | College Composition III (WR 123 or Recommended)               | 4         |            |
| WR 122Z                                                     | or Composition II                                             |           |            |
| PE or seminar elective                                      |                                                               | 1         |            |
| <b>Credits</b>                                              |                                                               | <b>15</b> |            |
| <b>Spring</b>                                               |                                                               |           |            |
| CH 222                                                      | General Chemistry II                                          | 4         |            |
| CH 228                                                      | General Chemistry Laboratory                                  | 2         |            |
| MATH 246                                                    | Calculus for the Biological Sciences I (Math 246 recommended) | 4         |            |
| MATH 251                                                    | or Calculus I                                                 |           |            |
| General education course in Social Science or Arts & Letter |                                                               | 4         |            |
| PE or seminar elective                                      |                                                               | 1         |            |
| <b>Credits</b>                                              |                                                               | <b>15</b> |            |
| <b>Total Credits</b>                                        |                                                               | <b>46</b> |            |

| Course             | Title                    | Credits | Milestones |
|--------------------|--------------------------|---------|------------|
| <b>Second Year</b> |                          |         |            |
| <b>Fall</b>        |                          |         |            |
| BI 211             | General Biology I: Cells | 5       |            |

|                                                                |                              |   |
|----------------------------------------------------------------|------------------------------|---|
| CH 223                                                         | General Chemistry III        | 4 |
| CH 229                                                         | General Chemistry Laboratory | 2 |
| General education course in arts and letters or social science |                              | 4 |
| PE or seminar elective                                         |                              | 1 |

**Credits 16**

**Winter**

|                                                                                      |                                                                                     |   |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|
| BI 212                                                                               | General Biology II: Organisms                                                       | 5 |
| MATH 247<br>or<br>MATH 252                                                           | Calculus for the Biological Sciences II<br>(Math 247 recommended)<br>or Calculus II | 4 |
| Elective or general education course that also satisfies a multicultural requirement |                                                                                     | 8 |

**Credits 17**

**Spring**

|                                                                |                                                                                                |   |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------|---|
| BI 213<br>or BI 214                                            | General Biology III: Ecology and Evolution<br>or General Biology IV: Biochemistry and Genetics | 5 |
| General education course in arts and letters or social science |                                                                                                | 8 |
| Elective or multicultural requirement or Minor course          |                                                                                                | 4 |

**Credits 17**

**Total Credits 50**

**Course Title Credits Milestones**

**Third Year****Fall**

|                                                                |                                                                                                |   |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------|---|
| BI 214<br>or BI 213                                            | General Biology IV: Biochemistry and Genetics<br>or General Biology III: Ecology and Evolution | 5 |
| CH 331                                                         | Organic Chemistry I                                                                            | 4 |
| Upper-division biology course, or MAPS                         |                                                                                                | 4 |
| General education course in arts and letters or social studies |                                                                                                | 4 |

**Credits 17**

**Winter**

|                                                                |                      |   |
|----------------------------------------------------------------|----------------------|---|
| CH 335                                                         | Organic Chemistry II | 4 |
| Upper-division biology courses, MAPS requirement               |                      | 8 |
| General education course in arts and letters or social studies |                      | 4 |

**Credits 16**

**Spring**

|                                                                |  |   |
|----------------------------------------------------------------|--|---|
| Upper-division biology courses                                 |  | 8 |
| General education course in arts and letters or social studies |  | 4 |
| Elective or course for minor                                   |  | 4 |

**Credits 16**

**Total Credits 49**

**Course Title Credits Milestones**

**Fourth Year****Fall**

|          |                 |   |
|----------|-----------------|---|
| PHYS 201 | General Physics | 4 |
|----------|-----------------|---|

|                                                             |   |
|-------------------------------------------------------------|---|
| Upper-division biology course, MAPS course if still need it | 4 |
|-------------------------------------------------------------|---|

|                                           |   |
|-------------------------------------------|---|
| Upper-division biology course or elective | 4 |
|-------------------------------------------|---|

|                                                       |   |
|-------------------------------------------------------|---|
| Elective courses - consider BI 401, BI 402, or BI 406 | 4 |
|-------------------------------------------------------|---|

**Credits 16**

**Winter**

|                                                                                                           |                 |   |
|-----------------------------------------------------------------------------------------------------------|-----------------|---|
| PHYS 202                                                                                                  | General Physics | 4 |
| Upper-division biology course or elective                                                                 |                 | 4 |
| Elective course or MAPS if still need it. - Consider BI 401, BI 402, or BI 406, depending on career plans |                 | 4 |

**Credits 12**

**Spring**

|                                                                               |                 |   |
|-------------------------------------------------------------------------------|-----------------|---|
| PHYS 203                                                                      | General Physics | 4 |
| Upper-division biology course                                                 |                 | 4 |
| Upper-division biology course or elective- Consider BI 401, BI 402, or BI 406 |                 | 4 |

**Credits 12**

**Total Credits 40**

**Bachelor of Science in Biology**

**Course Title Credits Milestones**

**First Year****Fall**

|                        |                              |   |
|------------------------|------------------------------|---|
| CH 221                 | General Chemistry I          | 4 |
| CH 227                 | General Chemistry Laboratory | 2 |
| MATH 112Z              | Precalculus II: Trigonometry | 4 |
| WR 121Z                | Composition I                | 4 |
| PE or seminar elective |                              | 1 |

**Credits 15**

**Winter**

|                            |                                                                                   |   |
|----------------------------|-----------------------------------------------------------------------------------|---|
| CH 222                     | General Chemistry II                                                              | 4 |
| CH 228                     | General Chemistry Laboratory                                                      | 2 |
| MATH 246<br>or<br>MATH 251 | Calculus for the Biological Sciences I<br>(MATH 246 recommended)<br>or Calculus I | 4 |
| WR 123<br>or<br>WR 122Z    | College Composition III (WR 123 recommended)<br>or Composition II                 | 4 |
| PE or seminar elective     |                                                                                   | 1 |

**Credits 15**

**Spring**

|                                                                        |                                                                                     |   |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|
| CH 223                                                                 | General Chemistry III                                                               | 4 |
| CH 229                                                                 | General Chemistry Laboratory                                                        | 2 |
| MATH 247<br>or<br>MATH 252                                             | Calculus for the Biological Sciences II<br>(Math 247 recommended)<br>or Calculus II | 4 |
| General-education course that also satisfies multicultural requirement |                                                                                     | 4 |
| PE or seminar elective                                                 |                                                                                     | 1 |

**Credits 15**

**Total Credits 45**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                      |                                                                                        |   |
|----------------------|----------------------------------------------------------------------------------------|---|
| BI 211<br>or BI 281H | General Biology I: Cells<br>or Honors Biology I: Cells,<br>Biochemistry and Physiology | 5 |
|----------------------|----------------------------------------------------------------------------------------|---|

|        |                     |   |
|--------|---------------------|---|
| CH 331 | Organic Chemistry I | 4 |
|--------|---------------------|---|

|  |                                                                        |   |
|--|------------------------------------------------------------------------|---|
|  | General-education course that also satisfies multicultural requirement | 4 |
|--|------------------------------------------------------------------------|---|

|  |                                        |   |
|--|----------------------------------------|---|
|  | General education or minor requirement | 4 |
|--|----------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Winter**

|                      |                                                                                          |   |
|----------------------|------------------------------------------------------------------------------------------|---|
| BI 212<br>or BI 282H | General Biology II: Organisms<br>or Honors Biology II: Genetics and<br>Molecular Biology | 5 |
|----------------------|------------------------------------------------------------------------------------------|---|

|        |                      |   |
|--------|----------------------|---|
| CH 335 | Organic Chemistry II | 4 |
|--------|----------------------|---|

|  |                                                                                    |   |
|--|------------------------------------------------------------------------------------|---|
|  | Elective or general education course that also satisfy a multicultural requirement | 4 |
|--|------------------------------------------------------------------------------------|---|

|  |                                                                |   |
|--|----------------------------------------------------------------|---|
|  | General education course in arts and letters or social science | 4 |
|--|----------------------------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|                                   |                                                                                                                                                                    |   |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| BI 213<br>or BI 214<br>or BI 283H | General Biology III: Ecology and<br>Evolution<br>or General Biology IV: Biochemistry<br>and Genetics<br>or Honors Biology III: Evolution,<br>Diversity and Ecology | 5 |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|

|  |                           |   |
|--|---------------------------|---|
|  | General-education courses | 8 |
|--|---------------------------|---|

|  |                                        |   |
|--|----------------------------------------|---|
|  | General education or minor requirement | 4 |
|--|----------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>51</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                     |                                                                                                      |   |
|---------------------|------------------------------------------------------------------------------------------------------|---|
| BI 214<br>or BI 213 | General Biology IV: Biochemistry and<br>Genetics<br>or General Biology III: Ecology and<br>Evolution | 5 |
|---------------------|------------------------------------------------------------------------------------------------------|---|

|          |                 |   |
|----------|-----------------|---|
| PHYS 201 | General Physics | 4 |
|----------|-----------------|---|

|  |                                     |   |
|--|-------------------------------------|---|
|  | Upper-division biology course, MAPS | 4 |
|--|-------------------------------------|---|

|  |                                                      |   |
|--|------------------------------------------------------|---|
|  | Elective course - Consider BI 401, BI 402, or BI 406 | 4 |
|--|------------------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Winter**

|          |                 |   |
|----------|-----------------|---|
| PHYS 202 | General Physics | 4 |
|----------|-----------------|---|

|  |                                      |   |
|--|--------------------------------------|---|
|  | Upper-division biology courses, MAPS | 8 |
|--|--------------------------------------|---|

|  |                                                      |   |
|--|------------------------------------------------------|---|
|  | Elective course - Consider BI 401, BI 402, or BI 406 | 4 |
|--|------------------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|          |                 |   |
|----------|-----------------|---|
| PHYS 203 | General Physics | 4 |
|----------|-----------------|---|

|  |                                |   |
|--|--------------------------------|---|
|  | Upper-division biology courses | 8 |
|--|--------------------------------|---|

|  |                                |   |
|--|--------------------------------|---|
|  | Upper-division elective course | 4 |
|--|--------------------------------|---|

All students are required to take 62 upper-division (300- or 400-level) credits

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>49</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|  |                                                       |   |
|--|-------------------------------------------------------|---|
|  | Upper-division biology courses, MAPS if still need it | 8 |
|--|-------------------------------------------------------|---|

|  |                                                                                             |   |
|--|---------------------------------------------------------------------------------------------|---|
|  | Upper-division elective course - Pre-med students will need biochemistry (CH 360 or CH 461) | 4 |
|--|---------------------------------------------------------------------------------------------|---|

|  |                                                    |   |
|--|----------------------------------------------------|---|
|  | Minor requirement or upper-division biology course | 4 |
|--|----------------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|  |                                                        |   |
|--|--------------------------------------------------------|---|
|  | Upper-division biology courses, MAPS if still need it. | 8 |
|--|--------------------------------------------------------|---|

|  |                                                      |   |
|--|------------------------------------------------------|---|
|  | Elective course - Consider BI 401, BI 402, or BI 406 | 4 |
|--|------------------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Spring**

|  |                                |   |
|--|--------------------------------|---|
|  | Upper-division biology courses | 8 |
|--|--------------------------------|---|

|  |                                                                     |   |
|--|---------------------------------------------------------------------|---|
|  | Upper-division elective course - Consider BI 401, BI 402, or BI 406 | 4 |
|--|---------------------------------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>40</b> |
|----------------------|-----------|

## Marine Biology (BA/BS)

### Maya Watts, Education Program Coordinator

Oregon Institute of Marine Biology  
(541)346-7277  
mwolf1@uoregon.edu

What if your classrooms were tidepools and mudflats? Situated on 130 acres of coastal property along Coos Bay, the Oregon Institute of Marine Biology (OIMB) is a vast, living classroom where students in biology, marine biology, general science, and environmental science study marine organisms in their natural habitat.

Marine biology majors study physiology, ecology, biology, chemistry, mathematics, and physics on campus in Eugene. During junior or senior year, undergraduates immerse themselves in three terms of intensive field and lab classes at OIMB covering diverse topics of marine biology, with opportunities for independent research and internships. With courses such as Invertebrate Zoology, Oceanography, Marine Birds and Mammals, and Tropical Marine Biology in Panama, it is little wonder our majors consider their time at OIMB to be the highlight of their college experience.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Understand the process and application of scientific inquiry; the ability to develop well-reasoned hypotheses and to design experiments by which to test them.
- Apply mathematical and statistical approaches to understanding biological information; an ability to interpret graphical representations of biological information.
- Have a broad-based knowledge of biology at multiple levels and in interdisciplinary contexts; competency in reading, understanding, and

critically evaluating scientific information across major areas of the curriculum, from molecules to ecosystems.

- Communicate scientific ideas clearly, both orally and in writing to both general and professional audiences.
- Understand the relationship between science and modern society as well as the potential impact of scientific discovery on the future.
- Be aware of biological diversity in the marine environment and the mechanisms that shape this diversity.
- Understand the mechanisms that influence the structure and function of marine communities and ecosystems, and an appreciation for the bathymetric and biogeographic distributions of organisms in the sea.
- Be aware of both global and local environmental challenges in the marine environment.

#### Fundamental Concepts:

- Evolution and biological diversity: all living organisms are genetically related; the diversity of life evolved over time by processes of mutation and selection.
- Structure and function: Basic units of structure give rise to the function of all living things.
- Information flow, exchange, and storage: Properties of organisms emerge from the flow, exchange, expression, and storage of genetic information.
- Pathways and transformations of energy and matter: Biological systems grow and change by processes based on chemical transformation pathways and are governed by the laws of thermodynamics.
- Systems: Living systems are interconnected and interacting.

## Marine Biology Major Requirements

| Code              | Title                                     | Credits |
|-------------------|-------------------------------------------|---------|
| Core Courses      |                                           |         |
| Math <sup>1</sup> |                                           | 8       |
| MATH 246          | Calculus for the Biological Sciences I    |         |
| or MATH 251       | Calculus I                                |         |
| MATH 247          | Calculus for the Biological Sciences II   |         |
| or MATH 252       | Calculus II                               |         |
| General Chemistry |                                           | 18      |
| CH 221            | General Chemistry I                       |         |
| & CH 222          | and General Chemistry II                  |         |
| & CH 223          | and General Chemistry III                 |         |
| or CH 224H        | Advanced General Chemistry I              |         |
| & CH 225H         | and Advanced General Chemistry II         |         |
| & CH 226H         | and Advanced General Chemistry III        |         |
| CH 227            | General Chemistry Laboratory              |         |
| & CH 228          | and General Chemistry Laboratory          |         |
| & CH 229          | and General Chemistry Laboratory          |         |
| or CH 237         | Advanced General Chemistry Laboratory     |         |
| & CH 238          | and Advanced General Chemistry Laboratory |         |
| & CH 239          | and Advanced General Chemistry Laboratory |         |
| Organic Chemistry |                                           | 8       |
| CH 331            | Organic Chemistry I                       |         |
| Physics           |                                           | 8       |
| PHYS 201          | General Physics                           |         |
| & PHYS 202        | and General Physics                       |         |

or PHYS 251 Foundations of Physics I  
& PHYS 252 and Foundations of Physics I

| <b>Lower-Division Biology</b> |                                                       | <b>15-20</b> |
|-------------------------------|-------------------------------------------------------|--------------|
| BI 211                        | General Biology I: Cells                              |              |
| & BI 212                      | and General Biology II: Organisms                     |              |
| & BI 213                      | and General Biology III: Ecology and                  |              |
| & BI 214                      | Evolution                                             |              |
|                               | and General Biology IV: Biochemistry and              |              |
|                               | Genetics                                              |              |
| or BI 281H                    | Honors Biology I: Cells, Biochemistry and Physiology  |              |
| & BI 282H                     | and Honors Biology II: Genetics and Molecular Biology |              |
| & BI 283H                     | and Honors Biology III: Evolution, Diversity and      |              |
|                               | Ecology                                               |              |

#### Upper-Division Biology<sup>2</sup>

At least one course needs to be completed from each area (I, II, and III)

Area I: 300-level molecular, cellular, and developmental biology course

Area II: 300-level systems and organisms course

Area III: 300-level ecology and evolution course

Three terms of full-time enrollment in courses at OIMB (at least 12 credits)<sup>3</sup>

12 credits of courses numbered BI 420–499

One course in modeling, analysis, programming, and statistics (MAPS)<sup>4</sup>

**Total Credits** **101-106**

- <sup>1</sup> A course in statistics is required if an ecology and evolution or neuroscience and behavior emphasis area is selected.
- <sup>2</sup> Students must complete a minimum of 44 upper-division biology credits. For a complete list of approved courses and other details about upper-division requirements, see the online requirements for the marine biology major (<https://biology.uoregon.edu/undergraduate-program/requirements/>).
- <sup>3</sup> Courses at the Oregon Institute of Marine Biology (OIMB) are offered summer session, fall, and spring terms. See [oimb.uoregon.edu](http://oimb.uoregon.edu) (<http://oimb.uoregon.edu>) for details of OIMB courses.
- <sup>4</sup> Visit the Biology Advising Center for a list of approved courses.

Students are required to spend three terms completing upper-division course work (taking at least 12 credits per term) at the Oregon Institute of Marine Biology. A program plan for the marine biology major is available in the Biology Advising Center, on the OIMB website, or Tykeson College and Career Advising.

## Area I Courses

| Code   | Title                             | Credits |
|--------|-----------------------------------|---------|
| BI 320 | Molecular Genetics                | 4       |
| BI 322 | Cell Biology                      | 4       |
| BI 326 | Immunology and Infectious Disease | 4       |
| BI 328 | Developmental Biology             | 4       |
| BI 360 | Neurobiology                      | 4       |
| BI 457 | Marine Biology: [Topic]           | 1-8     |



## Area II Courses

| Code               | Title                                                    | Credits |
|--------------------|----------------------------------------------------------|---------|
| BI 330<br>& BI 331 | Microbiology<br>and Microbiology Laboratory <sup>1</sup> | 6       |
| BI 353             | Sensory Physiology                                       | 4       |
| BI 356             | Animal Physiology                                        | 5       |
| BI 358             | Investigations in Medical Physiology                     | 4       |
| BI 359             | Plant Biology                                            | 4       |
| BI 451             | Invertebrate Zoology                                     | 1-8     |

<sup>1</sup> Both BI 330 and BI 331 must be taken to satisfy the Area II requirement.

## Area III Courses

| Code   | Title                | Credits |
|--------|----------------------|---------|
| BI 357 | Marine Biology       | 4       |
| BI 370 | Ecology              | 5       |
| BI 374 | Conservation Biology | 4       |
| BI 380 | Evolution            | 4       |
| BI 390 | Animal Behavior      | 4       |
| BI 395 | Tropical Ecology     | 4       |
| BI 474 | Marine Ecology       | 1-8     |

## Modeling, Analysis, Programming, and Statistics (MAPS) Courses

| Code     | Title                                           | Credits |
|----------|-------------------------------------------------|---------|
| BI 471   | Population Ecology                              | 4       |
| BI 485   |                                                 | 4       |
| ANTH 470 | Statistical Analysis of Biological Anthropology | 4       |
| ERTH 418 | Earth and Environmental Data Analysis           | 4       |
| MATH 425 | Statistical Methods I                           | 4       |

## Animal Use in Teaching Laboratories

Students should be aware that the biology and marine biology majors require courses in which a variety of organisms, including vertebrate animals, are used in laboratory dissections and experiments.

Prospective majors who are concerned about this should discuss it with their advisors before beginning either program. Students are encouraged to review the syllabuses for laboratory courses before enrolling. Syllabuses are available on the department's website.

Department and university policies require that the use of live vertebrate animals be minimized in teaching laboratories and be approved by the curriculum committee of the Department of Biology and by the Institutional Animal Care and Use Committee of the University of Oregon. Students who have ethical objections to animal use in a course that requires it should consult the instructor of record before enrolling.

## Oregon Institute of Marine Biology

Located in Charleston on Coos Bay, the Oregon Institute of Marine Biology (OIMB), in conjunction with the biology department, offers an undergraduate marine biology major and a coordinated program of study for undergraduates in biology, general science, and environmental science or environmental studies. During fall and spring terms and the

summer session, 300- and 400-level courses take advantage of the institute's unique coastal setting. Typical offerings include the following:

| Code   | Title                                                                                                                                                                        | Credits |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| BI 322 | Cell Biology                                                                                                                                                                 | 4       |
| BI 390 | Animal Behavior                                                                                                                                                              | 4       |
| BI 451 | Invertebrate Zoology                                                                                                                                                         | 8       |
| BI 454 | Estuarine Biology                                                                                                                                                            | 5       |
| BI 455 | Marine Birds and Mammals                                                                                                                                                     | 1-6     |
| BI 457 | Marine Biology: [Topic] (Biology of Fishes, Comparative Embryology and Larval Biology, Marine Conservation Biology, Molecular Marine Biology, Subtidal and Deep Sea Ecology) | 4-5     |
| BI 458 | Biological Oceanography                                                                                                                                                      | 5       |
| BI 474 | Marine Ecology                                                                                                                                                               | 1-8     |

A seminar series, Seminar: [Topic] (BI 407), features weekly invited speakers who are active researchers in the marine sciences. Undergraduate research is encouraged.

The summer program offers additional 400-level courses emphasizing field studies and includes a variety of eight- and two-week courses as well as weekend workshops. Information and applications are available from the Biology Advising Center, from the director of the institute, or from the OIMB website (<https://oimb.uoregon.edu>).

## Malheur Field Station

The University of Oregon is a member of the Malheur Field Station consortium. Located in southeastern Oregon in the heart of the Great Basin desert, the field station provides an excellent opportunity for students to study terrestrial and aquatic systems. Credits earned in courses at the field station may be transferred to the university and are included in the total credits required for a University of Oregon degree. Courses that have been preapproved by the department may be counted for the biology major. Detailed course information and applications may be obtained from the field station website.

## Honors Program in Marine Biology

To graduate with honors in marine biology, students must meet the following requirements:

1. Completion of all the requirements for the major in marine biology
2. A minimum cumulative GPA of 3.30 for all upper-division biology courses required for the major
3. Biology courses used to satisfy the marine biology degree requirements must be taken for letter grades
4. Registration for the honors program before research begins. This requires approval of the honors thesis topic by the faculty sponsor and the selection of a second member of the marine biology faculty to serve on the thesis approval committee
5. A minimum of 4 credits of research over at least three terms of research. One of these terms can be accomplished on the main campus while the thesis is being written. That term may, however, require periodic visits to the Oregon Institute of Marine Biology (OIMB)
6. Completion of a thesis, based on laboratory and/or field research that is approved by the OIMB faculty advisor and one other member of the OIMB faculty. Included at the front of the thesis should be a title page

- and the thesis defense committee approval. A final copy of the thesis is to be submitted to the OIMB library
7. A public defense of the thesis at OIMB

Students in residence on the main campus while enrolled in the marine biology honors program should consider enrolling in Thesis (BI 403). Contact the instructor of record for information on this course.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in Marine Biology

| Course                                                         | Title                                                                         | Credits | Milestones |
|----------------------------------------------------------------|-------------------------------------------------------------------------------|---------|------------|
| First Year                                                     |                                                                               |         |            |
| Fall                                                           |                                                                               |         |            |
| CH 221                                                         | General Chemistry I                                                           | 4       |            |
| CH 227                                                         | General Chemistry Laboratory                                                  | 2       |            |
| MATH 112Z                                                      | Precalculus II: Trigonometry                                                  | 4       |            |
| WR 121Z                                                        | Composition I                                                                 | 4       |            |
| PE or seminar elective                                         |                                                                               | 1       |            |
| Credits                                                        |                                                                               | 15      |            |
| Winter                                                         |                                                                               |         |            |
| CH 222                                                         | General Chemistry II                                                          | 4       |            |
| CH 228                                                         | General Chemistry Laboratory                                                  | 2       |            |
| MATH 246 or MATH 251                                           | Calculus for the Biological Sciences I (Math 246 recommended) or Calculus I   | 4       |            |
| WR 123 or WR 122Z                                              | College Composition III (WR 123 recommended) or Composition II                | 4       |            |
| PE or seminar elective                                         |                                                                               |         |            |
| Credits                                                        |                                                                               | 14      |            |
| Spring                                                         |                                                                               |         |            |
| CH 223                                                         | General Chemistry III                                                         | 4       |            |
| CH 229                                                         | General Chemistry Laboratory                                                  | 2       |            |
| MATH 247 or MATH 252                                           | Calculus for the Biological Sciences II (Math 247 recommended) or Calculus II | 4       |            |
| General education course in arts and letters or social science |                                                                               | 4       |            |
| PE or seminar elective                                         |                                                                               | 1       |            |
| Credits                                                        |                                                                               | 15      |            |
| Total Credits                                                  |                                                                               | 44      |            |

| Course                                                         | Title                                                                            | Credits | Milestones |
|----------------------------------------------------------------|----------------------------------------------------------------------------------|---------|------------|
| Second Year                                                    |                                                                                  |         |            |
| Fall                                                           |                                                                                  |         |            |
| BI 211 or BI 281H                                              | General Biology I: Cells or Honors Biology I: Cells, Biochemistry and Physiology | 5       |            |
| CH 331                                                         | Organic Chemistry I                                                              | 4       |            |
| General education course in arts and letters or social studies |                                                                                  | 4       |            |

|                                                                                      |                                                                                                                                                                                                                      |    |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| General education or minor requirement                                               |                                                                                                                                                                                                                      | 4  |
| Credits                                                                              |                                                                                                                                                                                                                      | 17 |
| Winter                                                                               |                                                                                                                                                                                                                      |    |
| BI 212 or BI 282H                                                                    | General Biology II: Organisms or Honors Biology II: Genetics and Molecular Biology                                                                                                                                   | 5  |
| General education course in arts and letters or social studies                       |                                                                                                                                                                                                                      | 4  |
| Elective or general education course that also satisfies a multicultural requirement |                                                                                                                                                                                                                      | 4  |
| Elective or general education course.                                                |                                                                                                                                                                                                                      | 4  |
| Credits                                                                              |                                                                                                                                                                                                                      | 17 |
| Spring                                                                               |                                                                                                                                                                                                                      |    |
| BI 213 or BI 214 or BI 283H                                                          | General Biology III: Ecology and Evolution (If take BI 213 or BI 283H may attend OIMB the following summer) or General Biology IV: Biochemistry and Genetics or Honors Biology III: Evolution, Diversity and Ecology | 5  |
| General education courses in arts and letters or social science                      |                                                                                                                                                                                                                      | 8  |
| Elective or general education course that also satisfies a multicultural requirement |                                                                                                                                                                                                                      | 4  |
| Credits                                                                              |                                                                                                                                                                                                                      | 17 |
| Summer                                                                               |                                                                                                                                                                                                                      |    |
| PHYS 201 & PHYS 202                                                                  | General Physics and General Physics                                                                                                                                                                                  | 8  |
| Elective Course                                                                      |                                                                                                                                                                                                                      | 4  |
| Credits                                                                              |                                                                                                                                                                                                                      | 12 |
| Total Credits                                                                        |                                                                                                                                                                                                                      | 63 |

| Course                                                                 | Title                                                                                       | Credits | Milestones |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------|------------|
| Third Year                                                             |                                                                                             |         |            |
| Fall                                                                   |                                                                                             |         |            |
| BI 214 or BI 213                                                       | General Biology IV: Biochemistry and Genetics or General Biology III: Ecology and Evolution | 5       |            |
| Upper-division course with BI subject code                             |                                                                                             | 4       |            |
| General education course in arts and letters or social science         |                                                                                             | 4       |            |
| Credits                                                                |                                                                                             | 13      |            |
| Winter                                                                 |                                                                                             |         |            |
| Upper-division course with BI subject code                             |                                                                                             | 8       |            |
| General-education course in arts and letters or social science         |                                                                                             | 4       |            |
| Credits                                                                |                                                                                             | 12      |            |
| Spring                                                                 |                                                                                             |         |            |
| OIMB or upper-division biology course                                  |                                                                                             | 4       |            |
| OIMB or general education course in arts and letters or social science |                                                                                             | 4       |            |
| OIMB or elective course or MAPS                                        |                                                                                             | 4       |            |
| Credits                                                                |                                                                                             | 12      |            |

**Summer**

|                                                                                                                                   |              |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------|
| Modeling, analysis, programming, and statistics course at Oregon Institute of Marine Biology or in an approved outside department | 4            |
| Upper-division 400-level course at Oregon Institute of Marine Biology                                                             | 2-6          |
| Course in BI 420-499 range at Oregon Institute of Marine Biology                                                                  | 6-8          |
| <b>Credits</b>                                                                                                                    | <b>12-18</b> |
| <b>Total Credits</b>                                                                                                              | <b>49-55</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year**

|                                                                                                      |           |  |  |
|------------------------------------------------------------------------------------------------------|-----------|--|--|
| <b>Fall</b>                                                                                          |           |  |  |
| Oregon Institute of Marine Biology, BI 214, or upper-division biology course                         | 4         |  |  |
| Oregon Institute of Marine Biology or upper-division biology course                                  | 4         |  |  |
| Oregon Institute of Marine Biology or elective course                                                | 4         |  |  |
| Oregon Institute of Marine Biology or general education course in arts and letters or social science | 4         |  |  |
| <b>Credits</b>                                                                                       | <b>16</b> |  |  |

**Winter**

|                                                                                            |              |
|--------------------------------------------------------------------------------------------|--------------|
| Upper-division biology course or general-education elective course                         | 4            |
| BI 401, BI 402, BI 403, or BI 409 at Oregon Institute of Marine Biology                    | 3-5          |
| Elective courses or courses in modelling, analysis, programming, and statistics, if needed | 8            |
| <b>Credits</b>                                                                             | <b>15-17</b> |
| <b>Total Credits</b>                                                                       | <b>31-33</b> |

**Bachelor of Science in Marine Biology**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year**

|                        |                              |   |  |
|------------------------|------------------------------|---|--|
| <b>Fall</b>            |                              |   |  |
| CH 221                 | General Chemistry I          | 4 |  |
| CH 227                 | General Chemistry Laboratory | 2 |  |
| MATH 112Z              | Precalculus II: Trigonometry | 4 |  |
| WR 121Z                | Composition I                | 4 |  |
| PE or seminar elective |                              | 1 |  |
| <b>Credits</b>         | <b>15</b>                    |   |  |

**Winter**

|                        |                                                      |   |  |
|------------------------|------------------------------------------------------|---|--|
| BI 211                 | General Biology I: Cells                             | 5 |  |
| CH 222                 | General Chemistry II                                 | 4 |  |
| CH 228                 | General Chemistry Laboratory                         | 2 |  |
| MATH 246 or MATH 251   | Calculus for the Biological Sciences I or Calculus I | 4 |  |
| PE or seminar elective |                                                      | 1 |  |
| <b>Credits</b>         | <b>16</b>                                            |   |  |

**Spring**

|                         |                                                                      |           |
|-------------------------|----------------------------------------------------------------------|-----------|
| WR 123<br>or<br>WR 122Z | College Composition III (WR 123<br>recommended)<br>or Composition II | 4         |
| BI 212                  | General Biology II: Organisms                                        | 5         |
| CH 223                  | General Chemistry III                                                | 4         |
| CH 229                  | General Chemistry Laboratory                                         | 2         |
| PE or seminar elective  |                                                                      | 1         |
| <b>Credits</b>          |                                                                      | <b>16</b> |
| <b>Total Credits</b>    |                                                                      | <b>47</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year**

|                                              |                                                                                             |   |  |
|----------------------------------------------|---------------------------------------------------------------------------------------------|---|--|
| <b>Fall</b>                                  |                                                                                             |   |  |
| BI 213 or BI 214                             | General Biology III: Ecology and Evolution or General Biology IV: Biochemistry and Genetics | 5 |  |
| MATH 247 or MATH 252                         | Calculus for the Biological Sciences II (Math 247 recommended) or Calculus II               | 4 |  |
| CH 331                                       | Organic Chemistry I                                                                         | 4 |  |
| General-education course in arts and letters |                                                                                             | 4 |  |
| <b>Credits</b>                               | <b>17</b>                                                                                   |   |  |

**Winter**

|                                                                                            |           |
|--------------------------------------------------------------------------------------------|-----------|
| Upper-division biology course from Area II course list <sup>1</sup>                        | 4         |
| General education course in arts and letters                                               | 4         |
| General-education course in social science that also satisfies a multicultural requirement | 4         |
| Elective course                                                                            | 4         |
| <b>Credits</b>                                                                             | <b>16</b> |

**Spring**

|                                                                                                 |                                                                                                      |           |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------|
| BI 214<br>or BI 213                                                                             | General Biology IV: Biochemistry and<br>Genetics<br>or General Biology III: Ecology and<br>Evolution | 5         |
| Upper-division biology course                                                                   |                                                                                                      |           |
| Upper-division biology course from Area I or III course<br>list                                 |                                                                                                      | 8         |
| General-education course in arts and letters that also<br>satisfies a multicultural requirement |                                                                                                      | 4         |
| <b>Credits</b>                                                                                  |                                                                                                      | <b>17</b> |

**Summer**

|                                                                      |           |
|----------------------------------------------------------------------|-----------|
| Upper-division biology courses at Oregon Institute of Marine Biology | 12        |
| <b>Credits</b>                                                       | <b>12</b> |
| <b>Total Credits</b>                                                 | <b>62</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year**

|                                                                           |                 |   |  |
|---------------------------------------------------------------------------|-----------------|---|--|
| <b>Fall</b>                                                               |                 |   |  |
| PHYS 201                                                                  | General Physics | 4 |  |
| Upper-division biology course from Area I or III course list <sup>1</sup> | 4               |   |  |

|                                                                                                                                    |                 |              |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|
| General education courses in social science                                                                                        |                 | 8            |
| <b>Credits</b>                                                                                                                     |                 | <b>16</b>    |
| <b>Winter</b>                                                                                                                      |                 |              |
| PHYS 202                                                                                                                           | General Physics | 4            |
| Upper-division 300-level biology courses or numbered 420–499                                                                       |                 | 8            |
| General-education course in arts and letters                                                                                       |                 | 4            |
| <b>Credits</b>                                                                                                                     |                 | <b>16</b>    |
| <b>Spring</b>                                                                                                                      |                 |              |
| Upper-division 300-level biology courses or numbered 420–499                                                                       |                 | 8            |
| General-education course in social science                                                                                         |                 | 4            |
| Elective course                                                                                                                    |                 | 4            |
| <b>Credits</b>                                                                                                                     |                 | <b>16</b>    |
| <b>Summer</b>                                                                                                                      |                 |              |
| Modelling, analysis, programming, and statistics course at Oregon Institute of Marine Biology or in an approved outside department |                 | 4            |
| Upper-division 400-level course at Oregon Institute of Marine Biology                                                              |                 | 2-6          |
| Course in BI 420–499 range at Oregon Institute of Marine Biology                                                                   |                 | 6-8          |
| <b>Credits</b>                                                                                                                     |                 | <b>12-18</b> |
| <b>Total Credits</b>                                                                                                               |                 | <b>60-66</b> |

| Course               | Title                                                                                                           | Credits      | Milestones |
|----------------------|-----------------------------------------------------------------------------------------------------------------|--------------|------------|
| <b>Fourth Year</b>   |                                                                                                                 |              |            |
| <b>Fall</b>          |                                                                                                                 |              |            |
|                      | Course in BI 420–499 range or BI 401, 402, 403, or other 400-level course at Oregon Institute of Marine Biology | 4-5          |            |
|                      | Course in BI 420–499 range at Oregon Institute of Marine Biology                                                | 10           |            |
| <b>Credits</b>       |                                                                                                                 | <b>14-15</b> |            |
| <b>Winter</b>        |                                                                                                                 |              |            |
|                      | BI 401, BI 402, BI 403, or BI 409 taken at Oregon Institute of Marine Biology                                   | 4-5          |            |
|                      | Elective courses taken on UO main campus                                                                        | 8-10         |            |
| <b>Credits</b>       |                                                                                                                 | <b>12-15</b> |            |
| <b>Spring</b>        |                                                                                                                 |              |            |
|                      | BI 401, 402, 403, or other 400-level course at Oregon Institute of Marine Biology                               | 2-4          |            |
|                      | Course in BI 420–499 range at Oregon Institute of Marine Biology                                                | 11-13        |            |
| <b>Credits</b>       |                                                                                                                 | <b>12-17</b> |            |
| <b>Total Credits</b> |                                                                                                                 | <b>38-47</b> |            |

<sup>1</sup> Marine biology course lists for Areas I, II, and III may be found online (<https://oimb.uoregon.edu/academics/marine-biology-major/requirements-for-the-marine-biology-major/>).

## Biology Minor

The Department of Biology at the University of Oregon offers expertise and research opportunities in a wide range of disciplines including

cell and developmental biology, ecology, evolution, genetics, marine biology, and neuroscience. Our undergraduate curriculum provides an introductory overview in each of these areas and provides the opportunity for advanced training and specialization in particular areas through coursework and research experience.

## Minor in Biology

| Code                                               | Title                                                | Credits   |
|----------------------------------------------------|------------------------------------------------------|-----------|
| <b>Lower-Division Biology Courses</b>              |                                                      | <b>15</b> |
| Select three of the following:                     |                                                      |           |
| BI 211                                             | General Biology I: Cells                             |           |
| BI 212                                             | General Biology II: Organisms                        |           |
| BI 213                                             | General Biology III: Ecology and Evolution           |           |
| BI 214                                             | General Biology IV: Biochemistry and Genetics        |           |
| Or all three of the following:                     |                                                      |           |
| BI 281H                                            | Honors Biology I: Cells, Biochemistry and Physiology |           |
| BI 282H                                            | Honors Biology II: Genetics and Molecular Biology    |           |
| BI 283H                                            | Honors Biology III: Evolution, Diversity and Ecology |           |
| <b>Upper-Division Biology Courses <sup>1</sup></b> |                                                      | <b>16</b> |
| <b>Total Credits</b>                               |                                                      | <b>31</b> |

<sup>1</sup> No more than 4 credits from BI 401–409.

Students interested in a minor in biology should develop a plan for the minor in consultation with an advisor in the Biology Advising Center. Students completing the minor in biology must provide the biology advisor with an electronic submission of a transcript or transfer evaluation that shows any transfer courses that may be applied to the minor.

At least 16 credits of biology applied to the minor must be taken at the University of Oregon.

Course work must be completed with grades of P or C– or better.

## Biology (MS)

Master’s degrees in biology may be earned in the following programs:

- Ecology and Evolution - this degree is typically completed on the UO campus and emphasizes ecology and evolution and can involve research on terrestrial, aquatic, or marine organisms.
- Marine Biology - this degree is typically completed at the Oregon Institute of Marine Biology campus location at Charleston Oregon (110 miles, 2.5 hours from Eugene) and provides training for a variety of careers in aquatic or marine biology.

Two years are typically required for completion of the master’s degree. More information is available on the biology department website (<https://naturalsciences.uoregon.edu/biology/graduate-programs/masters-requirements/>).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Achieve fluency in the scholarly literature, compelling questions, and research methods in the student's primary field of research.
- Acquire demonstrable and autonomous research skills, in field or laboratory, as befits specialty.
- Learn to process and present scientific data in compelling, credible formats.

## Biology Major

| Code                                   | Title  | Credits   |
|----------------------------------------|--------|-----------|
| Graduate-level Coursework <sup>1</sup> |        | 36        |
| BI 503                                 | Thesis | 9         |
| <b>Total Credits</b>                   |        | <b>45</b> |

<sup>1</sup> Minimum 30 hours of Graduate-Level Biology Coursework. 24 credits must be completed in residence and graded. Minimum of 9 credits must be at the 600 level.

Nearly all master's candidates are admitted into the 'thesis' program. In very rare circumstances a student may complete a 'course only' program which would necessitate completing 60 graduate level credits

## Biology (PhD)

PhD students will be considered for one or more Institute-tracks depending on the research interests indicated on their application. Course requirements for individual students vary based on the recommendation of their committees and advisors, but in general, there are very few required courses.

During the first year, students take courses in their area of interest and participate in a laboratory rotation program. The rotations provide direct exposure to research activities in three laboratories and therefore invaluable in helping students select a laboratory in which to carry out dissertation research. After the first year in the program, students devote nearly all of their efforts to research. These activities culminate in the public defense of a dissertation.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Achieve fluency in the scholarly literature, compelling questions, and research methods in the student's primary field of research.
- Acquire demonstrable and autonomous research skills, in field or laboratory, as befits specialty.
- Learn to process and present scientific data in compelling, credible formats.
- Gain experience and skills in pedagogy and teaching.
- Develop and execute an original research project that would be judged credible by peers and has or will result in one or more peer-reviewed publications appropriate to the field of study.

## Doctor of Philosophy Degree in Biology

### Requirements for Doctoral Students

PhD students will be considered for one or more Institute-tracks depending on the research interests indicated on their application.

Course requirements for individual students vary based on the recommendation of their committees and advisors, but in general, there are very few required courses.

During the first year, students take courses in their area of interest and participate in a laboratory rotation program. The rotations provide direct exposure to research activities in three laboratories and therefore invaluable in helping students select a laboratory in which to carry out dissertation research. After the first year in the program, students devote nearly all of their efforts to research. These activities culminate in the public defense of a dissertation.

| Code                        | Title                                  | Credits   |
|-----------------------------|----------------------------------------|-----------|
| Graded Coursework           |                                        | 4-16      |
| BI 607                      | Seminar: [Topic] (Total Credits Vary)  | 1-3       |
| BI 601                      | Research: [Topic] (Total Credits Vary) | 1-16      |
| Teaching Requirement Year 1 |                                        |           |
| Quarterly Exams Year 1      |                                        |           |
| Proposal Exam Year 2        |                                        |           |
| Dissertation:               |                                        | 18        |
| BI 603                      | Dissertation                           |           |
| <b>Total Credits:</b>       |                                        | <b>81</b> |

## Chemistry and Biochemistry

### Vicki DeRose, Department Head

91 Klamath Hall  
541-346-4603

The Department of Chemistry and Biochemistry offers bachelor of arts and bachelor of science degrees with majors in chemistry or biochemistry. The department enjoys a strong national reputation.

The curriculum in chemistry provides broad knowledge of the field as a part of the liberal education offered by the College of Arts and Sciences. Chemistry course work is a sound foundation for students interested in advanced work in chemistry or related sciences, particularly such fields as biochemistry, geochemistry, materials science, and molecular biology.

## Faculty

Shannon W. Boettcher, professor (inorganic, materials science). BA, 2003, Oregon; PhD, 2008, California, Santa Barbara. (2010)

Carl Brozek, assistant professor (physical inorganic, materials science). SB, 2010, Chicago; PhD, 2015, Massachusetts Institute of Technology. (2018)

Jeffrey A. Cina, professor (physical). BS, 1979, Wisconsin, Madison; PhD, 1985, California, Berkeley. (1995)

Donald Clayton, instructor. BS, 2010, Central Washington; MS, 2013, PhD, 2017, Oregon. (2022)

Amanda Cook, assistant professor (organic, inorganic materials science). BS, 2010, California State, Fullerton; PhD, 2015, Michigan, Ann Arbor. (2018)

Victoria J. De Rose, professor (bioinorganic). BA, 1983, Chicago; PhD, 1990, California, Berkeley. (2006)

Deborah B. Exton, senior instructor. BS, 1987, Metropolitan State College of Denver; PhD, 1992, Denver. (1993)

Adam Glass, instructor. BS, 2006, Pacific; PhD, 2011, Oregon. (2021)



Marina G. Guenza, professor (physical). Laurea, 1985, Università degli Studi di Genova; PhD, 1989, degree granted by consortium of universities of Torino, Genova, and Pavia. (1998)

Tanya Gupta, instructor. BS, 1998, Beneras Hindu University; MS, 2000, Lunkow; M.Ed., 2007, PhD, 2012, Iowa State. (2021)

Michael M. Haley, Richard M. and Patricia H. Noyes Professor in Chemistry (organic, materials science). BA, 1987, PhD, 1991, Rice. (1993)

Scott Hansen, assistant professor (biochemistry, molecular biology and biophysics). BS, 2004, California, Davis; PhD, 2012, California, San Francisco. (2017)

Michael Harms, associate professor (biochemistry, molecular biology and biophysics). BS, 2004, Oregon State; PhD, 2008, Johns Hopkins. (2013)

Diane K. Hawley, professor (biochemistry). BA, 1976, Kansas; PhD, 1982, Harvard. (1986)

Christopher Hendon, assistant professor (computational materials). BSc, 2011, Monash; PhD, 2015, Bath. (2018)

James E. Hutchison, professor (organic, materials science); Lokey-Harrington Chair in the Department of Chemistry. BS, 1986, Oregon; PhD, 1991, Stanford. (1994)

Ramesh Jasti, professor (organic, inorganic, supramolecular). BS, 1998, North Carolina, Chapel Hill; PhD., 2006, California, Irvine. (2014)

Darren W. Johnson, Bradshaw and Holzapfel Research Professor in Transformational Science and Mathematics (organic). BS, 1996, Texas, Austin; PhD, 2000, California, Berkeley. (2003)

David C. Johnson, professor (inorganic, materials science); Rosaria P. Haugland Foundation Chair in Pure and Applied Chemistry. BA, 1978, Rutgers; MS, 1980, PhD, 1983, Cornell. (1986)

Michael E. Kellman, professor (physical). BS, 1971, California, Berkeley; PhD, 1977, Chicago. (1989)

Paul Kempler, research assistant professor. BS, 2015, Vanderbilt; PhD, 2020, California Institute of Technology. (2020)

Michael Koscho, senior instructor (organic). BS, 1993, Purdue; PhD, 1999, Illinois, Urbana-Champaign. (2006)

Mark Lonergan, professor (physical, materials science); director, Materials Science Institute. BS, 1990, Oregon; PhD, 1994, Northwestern. (1996)

Andrew H. Marcus, professor (physical, materials science). BA, 1987, California, San Diego; PhD, 1993, Stanford. (1996)

George V. Nazin, associate professor (physical). MS, 1999, Moscow Institute of Physics and Technology; PhD, 2007, California, Irvine. (2010)

Brad J. Nolen, professor (biochemistry). BA, 1997, Missouri State; PhD, 2003, California, San Diego. (2008)

Catherine J. Page, associate professor (inorganic, materials science). BA, 1980, Oberlin; PhD, 1984, Cornell. (1986)

Michael D. Pluth, professor (organic). BS, 2004, Oregon; PhD, 2008, California, Berkeley. (2011)

Kenneth E. Prehoda, professor (biochemistry). BA, 1991, California State, Sacramento; PhD, 1997, Wisconsin, Madison. (2001)

James Prell, associate professor (physical). BA, 2005, Washington (St. Louis); PhD, 2011, California, Berkeley. (2014)

Geraldine L. Richmond, professor (physical, materials science); Presidential Chair. BS, 1975, Kansas State; PhD, 1980, California, Berkeley. (1985)

Julia Widom, assistant professor (physical, biochemistry). BA, 2009, Northwestern; PhD, 2013, Oregon. (2018)

Cathy Wong, associate professor (physical). BSc, 2004, McMaster; PhD, 2011, Toronto. (2015)

## Emeriti

Bruce P. Branchaud, professor emeritus. BS, 1976, Massachusetts; MA, 1981, Dartmouth College; PhD, 1981, Harvard. (1983)

Frederick W. Dahlquist, professor emeritus. BA, 1964, Wabash; PhD, 1969, California Institute of Technology. (1971)

Kenneth M. Doxsee, professor (organic, materials science). BS, 1978, MS, 1979, Stanford; PhD, 1983, California Institute of Technology. (1989)

Thomas R. Dyke, professor emeritus. BA, 1966, Wooster; PhD, 1972, Harvard. (1974)

Thomas Greenbowe, senior instructor. BA, 1972, William Paterson College of New Jersey; MS, 1974, Indiana State University; MS, 1979, Purdue University; PhD, 1982, Purdue University. (2015)

O. Hayes Griffith, professor emeritus. AB, 1960, California, Riverside; PhD, 1964, California Institute of Technology. (1965)

Julie A. Haack, senior instructor. BS, 1986, Oregon; PhD, 1991, Utah. (2000)

John F. W. Keana, professor emeritus. BA, 1961, Kalamazoo; PhD, 1965, Stanford. (1965)

James W. Long, senior instructor emeritus. BS, 1965, Washington (Seattle); PhD, 1969, California, Berkeley. (1978)

Robert M. Mazo, professor emeritus. AB, 1952, Harvard; MS, 1953, PhD, 1955, Yale. (1962)

Tom H. Stevens, Philip H. Knight Professor (biochemistry). BA, 1974, MS, 1976, San Francisco State; PhD, 1980, California Institute of Technology. (1982)

David R. "Randy" Sullivan, senior instructor. BS, 1982, MS, 1989, North Texas. (2001)

David R. Tyler, Charles J. and M. Monteith Jacobs Professor in Chemistry (inorganic, materials science). BS, 1975, Purdue; PhD, 1979, California Institute of Technology. (1985)

Peter H. von Hippel, professor emeritus. BS, 1952, MS, 1953, PhD, 1955, Massachusetts Institute of Technology. (1967)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Majors - Bachelor's Degree

- Biochemistry (BA/BS) (p. 209)
- Chemistry (BA/BS) (p. 213)

### Minors

- Biochemistry (p. 217)
- Chemistry (p. 218)

## Graduate Programs

### Major - Master's Degree

- Chemistry (MS) (p. 218)

### Major - Doctoral Degree

- Chemistry (PhD) (p. 219)

## Biochemistry (BA/BS)

The Department of Chemistry and Biochemistry offers majors in chemistry and biochemistry. Biochemistry majors complete an integrated, rigorous program that includes foundational course work in chemistry and biochemistry and additional course work in related fields. Undergraduate majors benefit from taking graduate courses in synthetic modeling, physical chemistry, materials, computational chemistry, biochemistry, molecular biology, and modern instrumental techniques.

The American Chemistry Society-certified degree emphasizes laboratory experience and the development of professional skills. A unique strength of the department is the opportunity for undergraduates to participate in the activities of a dynamic research group that considers problems extending well beyond textbook instruction.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Coursework:** Students will demonstrate an understanding of the fundamental concepts in the basic areas of the discipline (organic, inorganic, analytical, physical, and biochemical). Students will demonstrate a firm foundation in the conceptual, quantitative, and computational thinking that underlies the theories and models that form the basis for reasoning about molecular systems. Students will be able to connect this theoretical understanding to the experimental methods used to test those theories and models. Students will also have opportunities to obtain in-depth knowledge in multiple areas of the discipline. The foundational and in-depth coursework will be aligned with the most recent American Chemical Society Guidelines for Chemistry Programs (<https://www.acs.org/education/policies/acs-approval-program.html>).
- **Instructional Laboratory:** Students will demonstrate proficiency in laboratory techniques and the use of modern instrumentation. Students will be able to carry out experiments in the laboratory, accurately record data and observations, and be able to analyze the results of experiments. Students will be able to handle, synthesize, purify, and characterize new and existing substances. This includes knowing the proper procedures and regulations for the safe handling, use and disposal of chemicals.

- **Research:** Students will employ critical thinking and the scientific method to design, carry out, record, analyze and communicate the results of chemical/biochemical experiments. This includes the ability to identify, or create an appropriate model, formulate a hypothesis, choose an appropriate set of tools and techniques, and design an experiment that tests the hypothesis and analyze the results from that experiment drawing sound scientific conclusions from the results obtained. Students must be able to locate, identify and critically evaluate the chemical/biochemical literature.
- **Communication:** Students will demonstrate effective scientific communication skills, both orally and in writing, to a range of audience levels and for a variety of purposes. Students will understand how scientific information is shared between peers in modern science, including responsible conduct for acknowledging prior and current contributions.
- **Professional Skills:** Students will develop the interpersonal skills to function cooperatively in a team setting. Students will successfully pursue their career objectives in advanced education in professional and/or graduate schools, in a scientific career in government or industry, in a teaching career in the school systems, or in a related career following graduation
- **Ethics:** Students will be able to understand and apply ethics and values to all professional activities. Students will demonstrate an awareness of the benefits and impacts of chemistry related to the environment, society, and other disciplines outside the scientific community. Students will be prepared to contribute solutions to society's challenges at the intersection of science and society.

Courses taken to satisfy major requirements must be passed with grades of C– or better. Variations in courses and order may be worked out in consultation with an advisor.

Students who plan to attend graduate school should include research in their advanced work. If chemical research is included as part of the advanced work, at least 6 credits of CH 401 Research: [Topic] must be completed. Students who plan to apply to medical schools should investigate the need for a physics laboratory course that is not included in this curriculum.

## Biochemistry Major Requirements

| Code                                | Title                                                                 | Credits |
|-------------------------------------|-----------------------------------------------------------------------|---------|
| <b>Required Chemistry Courses</b>   |                                                                       |         |
| CH 224H–226H<br>or CH 221–223       | Honors General Chemistry<br>General Chemistry                         | 12      |
| CH 227–229<br>or CH 237–239         | General Chemistry Laboratory<br>Advanced General Chemistry Laboratory | 6       |
| CH 337                              | Organic Chemistry Laboratory                                          | 3       |
| CH 341–343                          | Majors Track Organic Chemistry I-III                                  | 12      |
| CH 348                              | Organic Chemistry Laboratory for Majors                               | 4       |
| CH 411–412                          | Physical Chemistry                                                    | 8       |
| CH 461–463                          | Biochemistry                                                          | 12      |
| CH 467                              | Biochemistry Laboratory                                               | 4       |
| <b>Related Science Requirements</b> |                                                                       |         |
| MATH 251–253                        | Calculus I-III                                                        | 12      |
| PHYS 201–203                        | General Physics                                                       | 12      |

|                                              |                                                                              |                |
|----------------------------------------------|------------------------------------------------------------------------------|----------------|
| or PHYS 251– Foundations of Physics I<br>253 |                                                                              |                |
| BI 281H                                      | Honors Biology I: Cells, Biochemistry and Physiology                         | 5              |
| BI 282H                                      | Honors Biology II: Genetics and Molecular Biology                            | 5              |
| BI 320                                       | Molecular Genetics                                                           | 4              |
| <b>Physical Laboratory Requirement</b>       |                                                                              |                |
| Select one of the following:                 |                                                                              | 3-8            |
| PHYS 204–<br>206                             | Introductory Physics Laboratory                                              |                |
| PHYS 290                                     | Foundations of Physics Laboratory (three terms)                              |                |
| CH 417<br>& CH 418                           | Physical Chemistry Laboratory and Physical Chemistry Laboratory <sup>1</sup> |                |
| <b>Advanced Laboratory Requirement</b>       |                                                                              |                |
| Select one of the following:                 |                                                                              | 4-6            |
| CH 417                                       | Physical Chemistry Laboratory <sup>1</sup>                                   |                |
| CH 418                                       | Physical Chemistry Laboratory <sup>1</sup>                                   |                |
| CH 419                                       | Physical Chemistry Laboratory                                                |                |
| CH 429                                       | Instrumental Analysis                                                        |                |
| CH 401                                       | Research: [Topic] (three terms) <sup>2</sup>                                 |                |
| <b>Advanced Biochemistry Electives</b>       |                                                                              |                |
| Select two of the following:                 |                                                                              | 8              |
| CH 464                                       | RNA Biochemistry                                                             |                |
| CH 465                                       | Physical Biochemistry                                                        |                |
| CH 466                                       | Structural Biochemistry                                                      |                |
| CH 468                                       | Cellular Biochemistry                                                        |                |
| <b>Other Advanced Electives</b>              |                                                                              |                |
| See the table below <sup>1</sup>             |                                                                              | 12             |
| <b>Total Credits</b>                         |                                                                              | <b>126-133</b> |

<sup>1</sup> Courses cannot be used to satisfy requirements in more than one area.

<sup>2</sup> Minimum of 6 credits of CH 401 and a written report are required for Research.

Other Advanced Electives

| Code                                                                                                                                                                                               | Title                         | Credits |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------|
| Three approved 400-level courses in chemistry and biology. Students may use one approved 300-level biology course (BI 322, BI 328, or BI 360) as one of the three advanced electives. <sup>1</sup> |                               |         |
| CH 413                                                                                                                                                                                             | Physical Chemistry            |         |
| CH 417                                                                                                                                                                                             | Physical Chemistry Laboratory |         |
| CH 418                                                                                                                                                                                             | Physical Chemistry Laboratory |         |
| CH 419                                                                                                                                                                                             | Physical Chemistry Laboratory |         |
| CH 420                                                                                                                                                                                             | Physical Organic Chemistry I  |         |
| CH 421                                                                                                                                                                                             | Physical Organic Chemistry II |         |
| CH 429                                                                                                                                                                                             | Instrumental Analysis         |         |
| CH 431                                                                                                                                                                                             | Inorganic Chemistry           |         |
| CH 432                                                                                                                                                                                             | Inorganic Chemistry           |         |
| CH 433                                                                                                                                                                                             | Inorganic Chemistry           |         |
| CH 441                                                                                                                                                                                             | Quantum Chemistry             |         |

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| CH 442                           | Quantum Chemistry and Spectroscopy                       |
| CH 443                           | Quantum Chemistry and Spectroscopy                       |
| CH 445                           | Statistical Mechanics                                    |
| CH 446                           | Chemical Kinetics: [Topic]                               |
| CH 447                           | Computational Chemistry                                  |
| CH 451                           | Advanced Organic-Inorganic Chemistry                     |
| CH 452                           | Advanced Organic Chemistry—Stereochemistry and Reactions |
| BI 322<br>or BI 328<br>or BI 360 | Cell Biology<br>Developmental Biology<br>Neurobiology    |
| BI 422                           | Protein Toxins in Cell Biology                           |
| BI 423                           | Human Molecular Genetics                                 |
| BI 426                           | Genetics of Cancer                                       |
| BI 428                           | Developmental Genetics                                   |
| BI 433                           | Bacterial-Host Interactions                              |
| BI 461                           | Systems Neuroscience                                     |
| BI 466                           | Developmental Neurobiology                               |
| BI 484                           | Molecular Evolution                                      |

<sup>1</sup> See advisor for complete list. Courses used to satisfy the physical and advanced laboratory requirements cannot also be used as an advanced elective.

Honors Program

The criteria used for the selection of students who graduate with departmental honors in chemistry or biochemistry are as follows:

- 1. Grade point average (GPA) of at least 3.50 in all graded courses
- 2. Suitable accomplishment in undergraduate chemical or related research. Specifically, the student must pursue a research problem for one academic year or longer and be recommended as worthy of honors by the faculty supervisor. Positive accomplishment and publishable results are expected but not required
- 3. Endorsement for a major with honors by a member of the university faculty
- 4. Completion of all course requirements for the BS degree in chemistry (waivers or substitutions allowed with approval)

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in Biochemistry

| Course                      | Title                                                  | Credits | Milestones |
|-----------------------------|--------------------------------------------------------|---------|------------|
| <b>First Year</b>           |                                                        |         |            |
| <b>Fall</b>                 |                                                        |         |            |
| MATH 112Z<br>or<br>MATH 251 | Precalculus II: Trigonometry<br>or Calculus I          | 4       |            |
| WR 121Z                     | Composition I                                          | 4       |            |
| CH 221<br>or<br>CH 224H     | General Chemistry I<br>or Advanced General Chemistry I | 4       |            |

|                     |                                                                             |   |
|---------------------|-----------------------------------------------------------------------------|---|
| CH 227<br>or CH 237 | General Chemistry Laboratory<br>or Advanced General Chemistry<br>Laboratory | 2 |
|---------------------|-----------------------------------------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

**Winter**

|                         |                                              |   |
|-------------------------|----------------------------------------------|---|
| WR 123<br>or<br>WR 122Z | College Composition III<br>or Composition II | 4 |
|-------------------------|----------------------------------------------|---|

|                         |                                                          |   |
|-------------------------|----------------------------------------------------------|---|
| CH 222<br>or<br>CH 225H | General Chemistry II<br>or Advanced General Chemistry II | 4 |
|-------------------------|----------------------------------------------------------|---|

|                     |                                                                             |   |
|---------------------|-----------------------------------------------------------------------------|---|
| CH 228<br>or CH 238 | General Chemistry Laboratory<br>or Advanced General Chemistry<br>Laboratory | 2 |
|---------------------|-----------------------------------------------------------------------------|---|

|                            |                              |   |
|----------------------------|------------------------------|---|
| MATH 251<br>or<br>MATH 252 | Calculus I<br>or Calculus II | 4 |
|----------------------------|------------------------------|---|

|                                                  |  |
|--------------------------------------------------|--|
| Meet with an advisor to prepare a four-year plan |  |
|--------------------------------------------------|--|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

**Spring**

|                         |                                                            |   |
|-------------------------|------------------------------------------------------------|---|
| CH 223<br>or<br>CH 226H | General Chemistry III<br>or Advanced General Chemistry III | 4 |
|-------------------------|------------------------------------------------------------|---|

|                     |                                                                             |   |
|---------------------|-----------------------------------------------------------------------------|---|
| CH 229<br>or CH 239 | General Chemistry Laboratory<br>or Advanced General Chemistry<br>Laboratory | 2 |
|---------------------|-----------------------------------------------------------------------------|---|

|                            |                                |   |
|----------------------------|--------------------------------|---|
| MATH 252<br>or<br>MATH 253 | Calculus II<br>or Calculus III | 4 |
|----------------------------|--------------------------------|---|

|                                                                                          |   |
|------------------------------------------------------------------------------------------|---|
| General-education course in social science that also satisfies multicultural requirement | 4 |
|------------------------------------------------------------------------------------------|---|

|                                                               |  |
|---------------------------------------------------------------|--|
| Meet with an advisor if interested in undergraduate research. |  |
|---------------------------------------------------------------|--|

|                                                                                     |  |
|-------------------------------------------------------------------------------------|--|
| All majors take the American Chemical Society Exam at the end of the academic year. |  |
|-------------------------------------------------------------------------------------|--|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>42</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                              |                                                                                                |   |
|----------------------------------------------|------------------------------------------------------------------------------------------------|---|
| MATH 253<br>or<br>MATH 256<br>or<br>MATH 281 | Calculus III<br>or Introduction to Differential<br>Equations<br>or Several-Variable Calculus I | 4 |
|----------------------------------------------|------------------------------------------------------------------------------------------------|---|

|         |                                                         |   |
|---------|---------------------------------------------------------|---|
| BI 281H | Honors Biology I: Cells, Biochemistry<br>and Physiology | 5 |
|---------|---------------------------------------------------------|---|

|        |                              |   |
|--------|------------------------------|---|
| CH 337 | Organic Chemistry Laboratory | 3 |
|--------|------------------------------|---|

|        |                                  |   |
|--------|----------------------------------|---|
| CH 341 | Majors Track Organic Chemistry I | 4 |
|--------|----------------------------------|---|

|                                                                               |  |
|-------------------------------------------------------------------------------|--|
| Students should meet with an advisor to create an individual development plan |  |
|-------------------------------------------------------------------------------|--|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|          |              |   |
|----------|--------------|---|
| MATH 253 | Calculus III | 4 |
|----------|--------------|---|

|         |                                                      |   |
|---------|------------------------------------------------------|---|
| BI 282H | Honors Biology II: Genetics and<br>Molecular Biology | 5 |
|---------|------------------------------------------------------|---|

|        |                                   |   |
|--------|-----------------------------------|---|
| CH 342 | Majors Track Organic Chemistry II | 4 |
|--------|-----------------------------------|---|

|        |                                            |   |
|--------|--------------------------------------------|---|
| CH 348 | Organic Chemistry Laboratory for<br>Majors | 4 |
|--------|--------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|        |                    |   |
|--------|--------------------|---|
| BI 320 | Molecular Genetics | 4 |
|--------|--------------------|---|

|        |                                    |   |
|--------|------------------------------------|---|
| CH 343 | Majors Track Organic Chemistry III | 4 |
|--------|------------------------------------|---|

|                                                                                            |   |
|--------------------------------------------------------------------------------------------|---|
| General-education course in arts and letters that also satisfies multicultural requirement | 4 |
|--------------------------------------------------------------------------------------------|---|

|                                            |   |
|--------------------------------------------|---|
| General-education course in social science | 4 |
|--------------------------------------------|---|

|                                                                                 |  |
|---------------------------------------------------------------------------------|--|
| Majors take the American Chemical Society Exam at the end of the academic year. |  |
|---------------------------------------------------------------------------------|--|

|                                                                                  |  |
|----------------------------------------------------------------------------------|--|
| Students interested in undergraduate research should make arrangements to start. |  |
|----------------------------------------------------------------------------------|--|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>49</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                            |                                                |   |
|----------------------------|------------------------------------------------|---|
| PHYS 201<br>or<br>PHYS 251 | General Physics<br>or Foundations of Physics I | 4 |
|----------------------------|------------------------------------------------|---|

|                            |                                                                            |   |
|----------------------------|----------------------------------------------------------------------------|---|
| PHYS 204<br>or<br>PHYS 290 | Introductory Physics Laboratory<br>or Foundations of Physics<br>Laboratory | 2 |
|----------------------------|----------------------------------------------------------------------------|---|

|        |              |   |
|--------|--------------|---|
| CH 461 | Biochemistry | 4 |
|--------|--------------|---|

|        |                         |   |
|--------|-------------------------|---|
| CH 467 | Biochemistry Laboratory | 4 |
|--------|-------------------------|---|

|                                                                |   |
|----------------------------------------------------------------|---|
| First term of first-year second-language requirement (BA only) | 5 |
|----------------------------------------------------------------|---|

|                                                                                                     |  |
|-----------------------------------------------------------------------------------------------------|--|
| Students should meet with an advisor to review their four-year plan and individual development plan |  |
|-----------------------------------------------------------------------------------------------------|--|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>19</b> |
|----------------|-----------|

**Winter**

|                            |                                                |   |
|----------------------------|------------------------------------------------|---|
| PHYS 202<br>or<br>PHYS 252 | General Physics<br>or Foundations of Physics I | 4 |
|----------------------------|------------------------------------------------|---|

|                            |                                                                            |   |
|----------------------------|----------------------------------------------------------------------------|---|
| PHYS 205<br>or<br>PHYS 290 | Introductory Physics Laboratory<br>or Foundations of Physics<br>Laboratory | 2 |
|----------------------------|----------------------------------------------------------------------------|---|

|        |              |   |
|--------|--------------|---|
| CH 462 | Biochemistry | 4 |
|--------|--------------|---|

|                                                                 |   |
|-----------------------------------------------------------------|---|
| Second term of first-year second-language requirement (BA only) | 5 |
|-----------------------------------------------------------------|---|

|                                            |   |
|--------------------------------------------|---|
| General-education course in social science | 4 |
|--------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>19</b> |
|----------------|-----------|

**Spring**

|                            |                                                |   |
|----------------------------|------------------------------------------------|---|
| PHYS 203<br>or<br>PHYS 253 | General Physics<br>or Foundations of Physics I | 4 |
|----------------------------|------------------------------------------------|---|

|                            |                                                                            |   |
|----------------------------|----------------------------------------------------------------------------|---|
| PHYS 206<br>or<br>PHYS 290 | Introductory Physics Laboratory<br>or Foundations of Physics<br>Laboratory | 2 |
|----------------------------|----------------------------------------------------------------------------|---|

|        |              |   |
|--------|--------------|---|
| CH 463 | Biochemistry | 4 |
|--------|--------------|---|

|                                                                |           |
|----------------------------------------------------------------|-----------|
| 400-level course in chemistry or biology                       | 4         |
| Third term of first-year second-language requirement (BA only) | 5         |
| <b>Credits</b>                                                 | <b>19</b> |
| <b>Total Credits</b>                                           | <b>57</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                                                 |                               |           |
|-----------------------------------------------------------------|-------------------------------|-----------|
| CH 411                                                          | Physical Chemistry            | 4         |
| CH 417                                                          | Physical Chemistry Laboratory | 4         |
| 400-level course in chemistry or biology                        |                               | 4         |
| First term of second-year second-language requirement (BA only) |                               | 4         |
| General-education course in arts and letters                    |                               | 4         |
| <b>Credits</b>                                                  |                               | <b>20</b> |

**Winter**

|                                                                  |                    |           |
|------------------------------------------------------------------|--------------------|-----------|
| CH 412                                                           | Physical Chemistry | 4         |
| 400-level courses in chemistry or biology                        |                    | 8         |
| Second term of second-year second-language requirement (BA only) |                    | 4         |
| General-education course in arts and letters                     |                    | 4         |
| <b>Credits</b>                                                   |                    | <b>20</b> |

**Spring**

|                                                                  |  |           |
|------------------------------------------------------------------|--|-----------|
| 400-level course in chemistry or biology                         |  | 4         |
| Third term of second-year second-language requirement (BA only)  |  | 4         |
| General education course in social science                       |  | 4         |
| General education course in arts and letters                     |  | 4         |
| Apply for degree in DuckWeb by end of fourth week of spring term |  |           |
| <b>Credits</b>                                                   |  | <b>16</b> |
| <b>Total Credits</b>                                             |  | <b>56</b> |

## Bachelor of Science in Biochemistry

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|                             |                                                                          |           |
|-----------------------------|--------------------------------------------------------------------------|-----------|
| MATH 112Z<br>or<br>MATH 251 | Precalculus II: Trigonometry<br>or Calculus I                            | 4         |
| WR 121Z                     | Composition I                                                            | 4         |
| CH 221<br>or<br>CH 224H     | General Chemistry I<br>or Advanced General Chemistry I                   | 4         |
| CH 227<br>or CH 237         | General Chemistry Laboratory<br>or Advanced General Chemistry Laboratory | 2         |
| <b>Credits</b>              |                                                                          | <b>14</b> |

**Winter**

|                         |                                              |   |
|-------------------------|----------------------------------------------|---|
| WR 123<br>or<br>WR 122Z | College Composition III<br>or Composition II | 4 |
|-------------------------|----------------------------------------------|---|

|                         |                                                          |   |
|-------------------------|----------------------------------------------------------|---|
| CH 222<br>or<br>CH 225H | General Chemistry II<br>or Advanced General Chemistry II | 4 |
|-------------------------|----------------------------------------------------------|---|

|                     |                                                                          |   |
|---------------------|--------------------------------------------------------------------------|---|
| CH 228<br>or CH 238 | General Chemistry Laboratory<br>or Advanced General Chemistry Laboratory | 2 |
|---------------------|--------------------------------------------------------------------------|---|

|                            |                              |   |
|----------------------------|------------------------------|---|
| MATH 251<br>or<br>MATH 252 | Calculus I<br>or Calculus II | 4 |
|----------------------------|------------------------------|---|

Meet with an advisor to prepare a four-year plan

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

**Spring**

|                         |                                                            |   |
|-------------------------|------------------------------------------------------------|---|
| CH 223<br>or<br>CH 226H | General Chemistry III<br>or Advanced General Chemistry III | 4 |
|-------------------------|------------------------------------------------------------|---|

|                     |                                                                          |   |
|---------------------|--------------------------------------------------------------------------|---|
| CH 229<br>or CH 239 | General Chemistry Laboratory<br>or Advanced General Chemistry Laboratory | 2 |
|---------------------|--------------------------------------------------------------------------|---|

|                            |                                |   |
|----------------------------|--------------------------------|---|
| MATH 252<br>or<br>MATH 253 | Calculus II<br>or Calculus III | 4 |
|----------------------------|--------------------------------|---|

General-education course in arts and letters

Meet with an advisor if interested in undergraduate research.

All majors take the American Chemical Society Exam at the end of the academic year.

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>42</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|          |                                                      |   |
|----------|------------------------------------------------------|---|
| MATH 253 | Calculus III                                         | 4 |
| BI 281H  | Honors Biology I: Cells, Biochemistry and Physiology | 5 |
| CH 337   | Organic Chemistry Laboratory                         | 3 |
| CH 341   | Majors Track Organic Chemistry I                     | 4 |

Students should meet with an advisor to create an individual development plan

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|          |                                                   |   |
|----------|---------------------------------------------------|---|
| MATH 253 | Calculus III                                      | 4 |
| BI 282H  | Honors Biology II: Genetics and Molecular Biology | 5 |
| CH 342   | Majors Track Organic Chemistry II                 | 4 |
| CH 348   | Organic Chemistry Laboratory for Majors           | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|                                                                                 |                                    |   |
|---------------------------------------------------------------------------------|------------------------------------|---|
| BI 320                                                                          | Molecular Genetics                 | 4 |
| CH 343                                                                          | Majors Track Organic Chemistry III | 4 |
| General-education course in arts and letters                                    |                                    | 4 |
| General-education course in social science                                      |                                    | 4 |
| Majors take the American Chemical Society Exam at the end of the academic year. |                                    |   |



Students interested in undergraduate research should make arrangements to start.

|                      |           |
|----------------------|-----------|
| <b>Credits</b>       | <b>16</b> |
| <b>Total Credits</b> | <b>49</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

### Third Year

#### Fall

|                            |                                                |   |
|----------------------------|------------------------------------------------|---|
| PHYS 201<br>or<br>PHYS 251 | General Physics<br>or Foundations of Physics I | 4 |
|----------------------------|------------------------------------------------|---|

|                            |                                                                            |   |
|----------------------------|----------------------------------------------------------------------------|---|
| PHYS 204<br>or<br>PHYS 290 | Introductory Physics Laboratory<br>or Foundations of Physics<br>Laboratory | 2 |
|----------------------------|----------------------------------------------------------------------------|---|

|        |              |   |
|--------|--------------|---|
| CH 461 | Biochemistry | 4 |
|--------|--------------|---|

|        |                         |   |
|--------|-------------------------|---|
| CH 467 | Biochemistry Laboratory | 4 |
|--------|-------------------------|---|

Students should meet with an advisor to review their four-year plan and individual development plan

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

#### Winter

|                            |                                                |   |
|----------------------------|------------------------------------------------|---|
| PHYS 202<br>or<br>PHYS 252 | General Physics<br>or Foundations of Physics I | 4 |
|----------------------------|------------------------------------------------|---|

|                            |                                                                            |   |
|----------------------------|----------------------------------------------------------------------------|---|
| PHYS 205<br>or<br>PHYS 290 | Introductory Physics Laboratory<br>or Foundations of Physics<br>Laboratory | 2 |
|----------------------------|----------------------------------------------------------------------------|---|

|        |                   |   |
|--------|-------------------|---|
| CH 401 | Research: [Topic] | 2 |
|--------|-------------------|---|

|        |              |   |
|--------|--------------|---|
| CH 462 | Biochemistry | 4 |
|--------|--------------|---|

|                                            |  |   |
|--------------------------------------------|--|---|
| General-education course in social science |  | 4 |
|--------------------------------------------|--|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

#### Spring

|                            |                                                |   |
|----------------------------|------------------------------------------------|---|
| PHYS 203<br>or<br>PHYS 253 | General Physics<br>or Foundations of Physics I | 4 |
|----------------------------|------------------------------------------------|---|

|                            |                                                                            |   |
|----------------------------|----------------------------------------------------------------------------|---|
| PHYS 206<br>or<br>PHYS 290 | Introductory Physics Laboratory<br>or Foundations of Physics<br>Laboratory | 2 |
|----------------------------|----------------------------------------------------------------------------|---|

|        |                   |   |
|--------|-------------------|---|
| CH 401 | Research: [Topic] | 2 |
|--------|-------------------|---|

|        |              |   |
|--------|--------------|---|
| CH 463 | Biochemistry | 4 |
|--------|--------------|---|

|                                              |  |   |
|----------------------------------------------|--|---|
| General-education course in arts and letters |  | 4 |
|----------------------------------------------|--|---|

Students should meet with an advisor to review their four-year plan and individual development plan

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>46</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

### Fourth Year

#### Fall

|        |                   |      |
|--------|-------------------|------|
| CH 401 | Research: [Topic] | 1-21 |
|--------|-------------------|------|

|        |                    |   |
|--------|--------------------|---|
| CH 411 | Physical Chemistry | 4 |
|--------|--------------------|---|

|                                           |  |   |
|-------------------------------------------|--|---|
| 400-level courses in chemistry or biology |  | 8 |
|-------------------------------------------|--|---|

|                                              |  |   |
|----------------------------------------------|--|---|
| General-education course in arts and letters |  | 4 |
|----------------------------------------------|--|---|

|                |              |
|----------------|--------------|
| <b>Credits</b> | <b>17-37</b> |
|----------------|--------------|

#### Winter

|        |                    |   |
|--------|--------------------|---|
| CH 412 | Physical Chemistry | 4 |
|--------|--------------------|---|

|                                           |   |
|-------------------------------------------|---|
| 400-level courses in chemistry or biology | 8 |
|-------------------------------------------|---|

|                                            |   |
|--------------------------------------------|---|
| General-education course in social science | 4 |
|--------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

#### Spring

|                                          |   |
|------------------------------------------|---|
| 400-level course in chemistry or biology | 4 |
|------------------------------------------|---|

|                                            |   |
|--------------------------------------------|---|
| General education course in social science | 4 |
|--------------------------------------------|---|

|                       |   |
|-----------------------|---|
| Multicultural courses | 8 |
|-----------------------|---|

Apply for degree in DuckWeb by end of fourth week of spring term

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |              |
|----------------------|--------------|
| <b>Total Credits</b> | <b>49-69</b> |
|----------------------|--------------|

## Chemistry (BA/BS)

The Department of Chemistry and Biochemistry offers majors in chemistry and biochemistry. Biochemistry majors complete an integrated, rigorous program that includes foundational course work in chemistry and biochemistry and additional course work in related fields. Undergraduate majors benefit from taking graduate courses in synthetic modeling, physical chemistry, materials, computational chemistry, biochemistry, molecular biology, and modern instrumental techniques.

The American Chemistry Society-certified degree emphasizes laboratory experience and the development of professional skills. A unique strength of the department is the opportunity for undergraduates to participate in the activities of a dynamic research group that considers problems extending well beyond textbook instruction.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Coursework:** Students will demonstrate an understanding of the fundamental concepts in the basic areas of the discipline (organic, inorganic, analytical, physical, and biochemical). Students will demonstrate a firm foundation in the conceptual, quantitative, and computational thinking that underlies the theories and models that form the basis for reasoning about molecular systems. Students will be able to connect this theoretical understanding to the experimental methods used to test those theories and models. Students will also have opportunities to obtain in-depth knowledge in multiple areas of the discipline. The foundational and in-depth coursework will be aligned with the most recent American Chemical Society Guidelines for Chemistry Programs (<https://www.acs.org/education/policies/acs-approval-program.html>).
- **Instructional Laboratory:** Students will demonstrate proficiency in laboratory techniques and the use of modern instrumentation. Students will be able to carry out experiments in the laboratory, accurately record data and observations, and be able to analyze the results of experiments. Students will be able to handle, synthesize, purify, and characterize new and existing substances. This includes knowing the proper procedures and regulations for the safe handling, use and disposal of chemicals.
- **Research:** Students will employ critical thinking and the scientific method to design, carry out, record, analyze and communicate the results of chemical/biochemical experiments. This includes the ability to identify, or create an appropriate model, formulate a hypothesis, choose an appropriate set of tools and techniques, and design an experiment that tests the hypothesis and analyze the results from that experiment drawing sound scientific conclusions from the results

obtained. Students must be able to locate, identify and critically evaluate the chemical/biochemical literature.

- **Communication:** Students will demonstrate effective scientific communication skills, both orally and in writing, to a range of audience levels and for a variety of purposes. Students will understand how scientific information is shared between peers in modern science, including responsible conduct for acknowledging prior and current contributions.
- **Professional Skills:** Students will develop the interpersonal skills to function cooperatively in a team setting. Students will successfully pursue their career objectives in advanced education in professional and/or graduate schools, in a scientific career in government or industry, in a teaching career in the school systems, or in a related career following graduation.
- **Ethics:** Students will be able to understand and apply ethics and values to all professional activities. Students will demonstrate an awareness of the benefits and impacts of chemistry related to the environment, society, and other disciplines outside the scientific community. Students will be prepared to contribute solutions to society's challenges at the intersection of science and society.

The program described below is the recommended curriculum for chemistry majors. It includes courses in chemistry and related fields. Courses taken to satisfy major requirements must be passed with grades of C– or better. Variations in courses and order may be worked out in consultation with an advisor. Advisors can also provide lists of substitute courses and courses that are recommended but not required.

Students are encouraged to participate in CH 401 Research: [Topic].

## Chemistry Major Requirements

| Code                                                    | Title                                                                 | Credits |
|---------------------------------------------------------|-----------------------------------------------------------------------|---------|
| <b>Chemistry Courses</b>                                |                                                                       |         |
| CH 224H–226H<br>or CH 221–223                           | Honors General Chemistry<br>General Chemistry                         | 12      |
| CH 227–229<br>or CH 237–239                             | General Chemistry Laboratory<br>Advanced General Chemistry Laboratory | 6       |
| CH 341–343                                              | Majors Track Organic Chemistry I-III                                  | 12      |
| CH 337                                                  | Organic Chemistry Laboratory                                          | 3       |
| CH 348–349                                              | Organic Chemistry Lab for Majors                                      | 8       |
| CH 411–413                                              | Physical Chemistry                                                    | 12      |
| CH 417–419                                              | Physical Chemistry Laboratory                                         | 12      |
| Advanced Electives (see Advanced Electives table below) |                                                                       | 9-12    |
| CH 429                                                  | Instrumental Analysis                                                 | 5       |
| <b>Related Science Requirements</b>                     |                                                                       |         |
| MATH 251–253                                            | Calculus I-III                                                        | 12      |
| MATH 256                                                | Introduction to Differential Equations                                | 4       |
| MATH 281                                                | Several-Variable Calculus I                                           | 4       |
| PHYS 251–253<br>or PHYS 201–203                         | Foundations of Physics I<br>General Physics                           | 12      |
| PHYS 290                                                | Foundations of Physics Laboratory (three terms)                       | 3-6     |

or PHYS 204– Introductory Physics Laboratory  
206

**Total Credits** **114-120**

## Advanced Electives

| Code                                                                                                                                              | Title                                                    | Credits     |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------|
| Advanced electives (e.g., three courses or 9 credits of research or one course and 6 credits of research) chosen from the following: <sup>1</sup> |                                                          | 9-12        |
| CH 401                                                                                                                                            | Research: [Topic]                                        |             |
| CH 420                                                                                                                                            | Physical Organic Chemistry I                             |             |
| CH 421                                                                                                                                            | Physical Organic Chemistry II                            |             |
| CH 431                                                                                                                                            | Inorganic Chemistry                                      |             |
| CH 432                                                                                                                                            | Inorganic Chemistry                                      |             |
| CH 433                                                                                                                                            | Inorganic Chemistry                                      |             |
| CH 441                                                                                                                                            | Quantum Chemistry                                        |             |
| CH 442                                                                                                                                            | Quantum Chemistry and Spectroscopy                       |             |
| CH 443                                                                                                                                            | Quantum Chemistry and Spectroscopy                       |             |
| CH 445                                                                                                                                            | Statistical Mechanics                                    |             |
| CH 446                                                                                                                                            | Chemical Kinetics: [Topic]                               |             |
| CH 447                                                                                                                                            | Computational Chemistry                                  |             |
| CH 451                                                                                                                                            | Advanced Organic-Inorganic Chemistry                     |             |
| CH 452                                                                                                                                            | Advanced Organic Chemistry—Stereochemistry and Reactions |             |
| CH 454                                                                                                                                            | Advanced Electrochemistry                                |             |
| CH 461                                                                                                                                            | Biochemistry                                             |             |
| CH 462                                                                                                                                            | Biochemistry                                             |             |
| CH 463                                                                                                                                            | Biochemistry                                             |             |
| CH 464                                                                                                                                            | RNA Biochemistry                                         |             |
| CH 465                                                                                                                                            | Physical Biochemistry                                    |             |
| CH 466                                                                                                                                            | Structural Biochemistry                                  |             |
| CH 467                                                                                                                                            | Biochemistry Laboratory                                  |             |
| ERTH 471                                                                                                                                          | Thermodynamic Geochemistry                               |             |
| ERTH 472                                                                                                                                          | Aqueous-Mineral-Gas Equilibria                           |             |
| ERTH 473                                                                                                                                          | Isotope Geochemistry                                     |             |
| PHYS 411–413                                                                                                                                      | Mechanics, Electricity, and Magnetism                    |             |
| PHYS 414–415                                                                                                                                      | Quantum Physics                                          |             |
| <b>Total Credits</b>                                                                                                                              |                                                          | <b>9-12</b> |

<sup>1</sup> Other courses may be included with advisor approval.

## Honors Program

The criteria used for the selection of students who graduate with departmental honors in chemistry or biochemistry are as follows:

1. Grade point average (GPA) of at least 3.50 in all graded courses
2. Suitable accomplishment in undergraduate chemical or related research. Specifically, the student must pursue a research problem for one academic year or longer and be recommended as worthy of honors by the faculty supervisor. Positive accomplishment and publishable results are expected but not required
3. Endorsement for a major with honors by a member of the university faculty

4. Completion of all course requirements for the BS degree in chemistry (waivers or substitutions allowed with approval)

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

## Bachelor of Arts in Chemistry

| Course                                                                              | Title                                                                    | Credits   | Milestones |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------|------------|
| <b>First Year</b>                                                                   |                                                                          |           |            |
| <b>Fall</b>                                                                         |                                                                          |           |            |
| MATH 112Z<br>or<br>MATH 251                                                         | Precalculus II: Trigonometry<br>or Calculus I                            | 4         |            |
| WR 121Z                                                                             | Composition I                                                            | 4         |            |
| CH 221<br>or<br>CH 224H                                                             | General Chemistry I<br>or Advanced General Chemistry I                   | 4         |            |
| CH 227<br>or CH 237                                                                 | General Chemistry Laboratory<br>or Advanced General Chemistry Laboratory | 2         |            |
| <b>Credits</b>                                                                      |                                                                          | <b>14</b> |            |
| <b>Winter</b>                                                                       |                                                                          |           |            |
| WR 123<br>or<br>WR 122Z                                                             | College Composition III<br>or Composition II                             | 4         |            |
| CH 222<br>or<br>CH 225H                                                             | General Chemistry II<br>or Advanced General Chemistry II                 | 4         |            |
| CH 228<br>or<br>CH 226H                                                             | General Chemistry Laboratory<br>or Advanced General Chemistry III        | 2         |            |
| MATH 251<br>or<br>MATH 252                                                          | Calculus I<br>or Calculus II                                             | 4         |            |
| <b>Credits</b>                                                                      |                                                                          | <b>14</b> |            |
| <b>Spring</b>                                                                       |                                                                          |           |            |
| CH 223<br>or<br>CH 226H                                                             | General Chemistry III<br>or Advanced General Chemistry III               | 4         |            |
| CH 229<br>or CH 239                                                                 | General Chemistry Laboratory<br>or Advanced General Chemistry Laboratory | 2         |            |
| MATH 252<br>or<br>MATH 253                                                          | Calculus II<br>or Calculus III                                           | 4         |            |
| General-education course in arts and letters                                        |                                                                          | 4         |            |
| Meet with an advisor if interested in undergraduate research.                       |                                                                          |           |            |
| All majors take the American Chemical Society Exam at the end of the academic year. |                                                                          |           |            |
| <b>Credits</b>                                                                      |                                                                          | <b>14</b> |            |
| <b>Total Credits</b>                                                                |                                                                          | <b>42</b> |            |

| Course                                                                                              | Title                                                                    | Credits   | Milestones |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------|------------|
| <b>Second Year</b>                                                                                  |                                                                          |           |            |
| <b>Fall</b>                                                                                         |                                                                          |           |            |
| PHYS 201<br>or<br>PHYS 251                                                                          | General Physics<br>or Foundations of Physics I                           | 4         |            |
| PHYS 204<br>or<br>PHYS 290                                                                          | Introductory Physics Laboratory<br>or Foundations of Physics Laboratory  | 2         |            |
| CH 337                                                                                              | Organic Chemistry Laboratory                                             | 3         |            |
| CH 341                                                                                              | Majors Track Organic Chemistry I                                         | 4         |            |
| Students should meet with an advisor to create an individual development plan                       |                                                                          |           |            |
| <b>Credits</b>                                                                                      |                                                                          | <b>13</b> |            |
| <b>Winter</b>                                                                                       |                                                                          |           |            |
| PHYS 202<br>or<br>PHYS 252                                                                          | General Physics<br>or Foundations of Physics I                           | 4         |            |
| PHYS 205<br>or<br>PHYS 290                                                                          | Introductory Physics Laboratory<br>or Foundations of Physics Laboratory  | 2         |            |
| CH 342                                                                                              | Majors Track Organic Chemistry II                                        | 4         |            |
| CH 348                                                                                              | Organic Chemistry Laboratory for Majors                                  | 4         |            |
| <b>Credits</b>                                                                                      |                                                                          | <b>14</b> |            |
| <b>Spring</b>                                                                                       |                                                                          |           |            |
| PHYS 203<br>or<br>PHYS 253                                                                          | General Physics<br>or Foundations of Physics I                           | 4         |            |
| PHYS 206<br>or<br>PHYS 290                                                                          | Introductory Physics Laboratory<br>or Foundations of Physics Laboratory  | 2         |            |
| CH 343                                                                                              | Majors Track Organic Chemistry III                                       | 4         |            |
| CH 349                                                                                              | Organic Chemistry Lab for Majors                                         | 4         |            |
| General-education course in social science                                                          |                                                                          | 4         |            |
| Majors take the American Chemical Society Exam at the end of the academic year.                     |                                                                          |           |            |
| Students interested in undergraduate research should make arrangements to start.                    |                                                                          |           |            |
| <b>Credits</b>                                                                                      |                                                                          | <b>18</b> |            |
| <b>Total Credits</b>                                                                                |                                                                          | <b>45</b> |            |
| <b>Third Year</b>                                                                                   |                                                                          |           |            |
| <b>Fall</b>                                                                                         |                                                                          |           |            |
| CH 411                                                                                              | Physical Chemistry                                                       | 4         |            |
| CH 417                                                                                              | Physical Chemistry Laboratory                                            | 4         |            |
| MATH 256<br>or<br>MATH 281                                                                          | Introduction to Differential Equations<br>or Several-Variable Calculus I | 4         |            |
| First term of first-year second-language sequence (BA only)                                         |                                                                          | 5         |            |
| Students should meet with an advisor to review their four-year plan and individual development plan |                                                                          |           |            |
| <b>Credits</b>                                                                                      |                                                                          | <b>17</b> |            |

**Winter**

|                                                                        |                               |           |
|------------------------------------------------------------------------|-------------------------------|-----------|
| CH 412                                                                 | Physical Chemistry            | 4         |
| CH 418                                                                 | Physical Chemistry Laboratory | 4         |
| Second term of first-year second-language sequence (BA only)           |                               | 5         |
| General-education course that also satisfies multicultural requirement |                               | 4         |
| <b>Credits</b>                                                         |                               | <b>17</b> |

**Spring**

|                                                             |                               |           |
|-------------------------------------------------------------|-------------------------------|-----------|
| CH 413                                                      | Physical Chemistry            | 4         |
| CH 419                                                      | Physical Chemistry Laboratory | 4         |
| Third term of first-year second-language sequence (BA only) |                               | 5         |
| General-education course in social science                  |                               | 4         |
| <b>Credits</b>                                              |                               | <b>17</b> |
| <b>Total Credits</b>                                        |                               | <b>51</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                                                                          |                   |           |
|------------------------------------------------------------------------------------------|-------------------|-----------|
| CH 401                                                                                   | Research: [Topic] | 2         |
| 400-level course in chemistry, earth sciences, or physics                                |                   | 4         |
| First term of second-year second-language sequence (BA only)                             |                   | 5         |
| General-education course in arts and letters                                             |                   | 4         |
| General-education course in social science that also satisfies multicultural requirement |                   | 4         |
| <b>Credits</b>                                                                           |                   | <b>19</b> |

**Winter**

|                                                                                          |                   |           |
|------------------------------------------------------------------------------------------|-------------------|-----------|
| CH 401                                                                                   | Research: [Topic] | 2         |
| 400-level course in chemistry, earth sciences, or physics                                |                   | 4         |
| Second term of second-year second-language sequence (BA only)                            |                   | 5         |
| General-education course in arts and letters                                             |                   | 4         |
| General-education course in social science that also satisfies multicultural requirement |                   | 4         |
| <b>Credits</b>                                                                           |                   | <b>19</b> |

**Spring**

|                                                              |                       |           |
|--------------------------------------------------------------|-----------------------|-----------|
| CH 401                                                       | Research: [Topic]     | 2         |
| CH 429                                                       | Instrumental Analysis | 5         |
| 400-level course in chemistry, earth sciences, or physics    |                       | 4         |
| Third term of second-year second-language sequence (BA only) |                       | 5         |
| General-education course in arts and letters                 |                       | 4         |
| <b>Credits</b>                                               |                       | <b>20</b> |
| <b>Total Credits</b>                                         |                       | <b>58</b> |

**Bachelor of Science in Chemistry**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|                             |                                                                          |           |
|-----------------------------|--------------------------------------------------------------------------|-----------|
| MATH 112Z<br>or<br>MATH 251 | Precalculus II: Trigonometry<br>or Calculus I                            | 4         |
| WR 121Z                     | Composition I                                                            | 4         |
| CH 221<br>or<br>CH 224H     | General Chemistry I<br>or Advanced General Chemistry I                   | 4         |
| CH 227<br>or CH 237         | General Chemistry Laboratory<br>or Advanced General Chemistry Laboratory | 2         |
| <b>Credits</b>              |                                                                          | <b>14</b> |

**Winter**

|                            |                                                                   |   |
|----------------------------|-------------------------------------------------------------------|---|
| WR 123<br>or<br>WR 122Z    | College Composition III<br>or Composition II                      | 4 |
| CH 222<br>or<br>CH 225H    | General Chemistry II<br>or Advanced General Chemistry II          | 4 |
| CH 228<br>or<br>CH 226H    | General Chemistry Laboratory<br>or Advanced General Chemistry III | 2 |
| MATH 251<br>or<br>MATH 252 | Calculus I<br>or Calculus II                                      | 4 |

Meet with an advisor to prepare a four-year plan

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

**Spring**

|                            |                                                                          |   |
|----------------------------|--------------------------------------------------------------------------|---|
| CH 223<br>or<br>CH 226H    | General Chemistry III<br>or Advanced General Chemistry III               | 4 |
| CH 229<br>or CH 239        | General Chemistry Laboratory<br>or Advanced General Chemistry Laboratory | 2 |
| MATH 252<br>or<br>MATH 253 | Calculus II<br>or Calculus III                                           | 4 |

|                                              |   |
|----------------------------------------------|---|
| General-education course in arts and letters | 4 |
|----------------------------------------------|---|

Meet with an advisor if interested in undergraduate research.

All majors take the American Chemical Society Exam at the end of the academic year.

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>42</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                            |                                                |   |
|----------------------------|------------------------------------------------|---|
| PHYS 201<br>or<br>PHYS 251 | General Physics<br>or Foundations of Physics I | 4 |
|----------------------------|------------------------------------------------|---|

|                            |                                                                            |   |
|----------------------------|----------------------------------------------------------------------------|---|
| PHYS 204<br>or<br>PHYS 290 | Introductory Physics Laboratory<br>or Foundations of Physics<br>Laboratory | 2 |
| CH 337                     | Organic Chemistry Laboratory                                               | 3 |
| CH 341                     | Majors Track Organic Chemistry I                                           | 4 |

Students should meet with an advisor to create an individual development plan

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>13</b> |
|----------------|-----------|

#### Winter

|                            |                                                                            |   |
|----------------------------|----------------------------------------------------------------------------|---|
| PHYS 202<br>or<br>PHYS 252 | General Physics<br>or Foundations of Physics I                             | 4 |
| PHYS 205<br>or<br>PHYS 290 | Introductory Physics Laboratory<br>or Foundations of Physics<br>Laboratory | 2 |
| CH 342                     | Majors Track Organic Chemistry II                                          | 4 |
| CH 348                     | Organic Chemistry Laboratory for<br>Majors                                 | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

#### Spring

|                                                                                  |                                                                            |   |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------|---|
| PHYS 203<br>or<br>PHYS 253                                                       | General Physics<br>or Foundations of Physics I                             | 4 |
| PHYS 206<br>or<br>PHYS 290                                                       | Introductory Physics Laboratory<br>or Foundations of Physics<br>Laboratory | 2 |
| CH 343                                                                           | Majors Track Organic Chemistry III                                         | 4 |
| CH 349                                                                           | Organic Chemistry Lab for Majors                                           | 4 |
|                                                                                  | General-education course in social science                                 | 4 |
| Majors take the American Chemical Society Exam at the end of the academic year.  |                                                                            |   |
| Students interested in undergraduate research should make arrangements to start. |                                                                            |   |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>18</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>45</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

#### Third Year

##### Fall

|                            |                                                                          |   |
|----------------------------|--------------------------------------------------------------------------|---|
| CH 411                     | Physical Chemistry                                                       | 4 |
| CH 417                     | Physical Chemistry Laboratory                                            | 4 |
| MATH 256<br>or<br>MATH 281 | Introduction to Differential Equations<br>or Several-Variable Calculus I | 4 |
|                            | General-education course in arts and letters                             | 4 |

Students should meet with an advisor to review their four-year plan and individual development plan

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

##### Winter

|          |                                            |   |
|----------|--------------------------------------------|---|
| MATH 281 | Several-Variable Calculus I                | 4 |
| CH 412   | Physical Chemistry                         | 4 |
| CH 418   | Physical Chemistry Laboratory              | 4 |
|          | General-education course in social science | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

#### Spring

|        |                                            |   |
|--------|--------------------------------------------|---|
| CH 413 | Physical Chemistry                         | 4 |
| CH 419 | Physical Chemistry Laboratory              | 4 |
| CH 429 | Instrumental Analysis                      | 5 |
|        | General-education course in social science | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>49</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

#### Fourth Year

##### Fall

|        |                                                                        |   |
|--------|------------------------------------------------------------------------|---|
| CH 401 | Research: [Topic]                                                      | 2 |
|        | 400-level course in chemistry, earth sciences, or physics              | 4 |
|        | General-education course in arts and letters                           | 4 |
|        | General-education course that also satisfies multicultural requirement | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

##### Winter

|        |                                                                        |   |
|--------|------------------------------------------------------------------------|---|
| CH 401 | Research: [Topic]                                                      | 2 |
|        | 400-level course in chemistry, earth sciences, or physics              | 4 |
|        | General-education course that also satisfies multicultural requirement | 4 |
|        | General-education course in social science                             | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

##### Spring

|        |                                                           |   |
|--------|-----------------------------------------------------------|---|
| CH 401 | Research: [Topic]                                         | 2 |
|        | 400-level course in chemistry, earth sciences, or physics | 4 |
|        | General-education course in arts and letters              | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>10</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>38</b> |
|----------------------|-----------|

## Biochemistry Minor

Chemistry majors cannot minor in Biochemistry minor.

## Biochemistry Minor

| Code                  | Title                                                                 | Credits |
|-----------------------|-----------------------------------------------------------------------|---------|
| <b>Lower Division</b> |                                                                       |         |
| CH 221<br>or CH 224H  | General Chemistry I<br>Advanced General Chemistry I                   | 4       |
| CH 222<br>or CH 225H  | General Chemistry II<br>Advanced General Chemistry II                 | 4       |
| CH 223<br>or CH 226H  | General Chemistry III<br>Advanced General Chemistry III               | 4       |
| CH 227<br>or CH 237   | General Chemistry Laboratory<br>Advanced General Chemistry Laboratory | 2       |
| CH 228<br>or CH 238   | General Chemistry Laboratory<br>Advanced General Chemistry Laboratory | 2       |
| CH 229<br>or CH 239   | General Chemistry Laboratory<br>Advanced General Chemistry Laboratory | 2       |



| Upper Division       |                                                 |           |
|----------------------|-------------------------------------------------|-----------|
| CH 331<br>& CH 335   | Organic Chemistry I<br>and Organic Chemistry II | 8         |
| CH 461<br>& CH 462   | Biochemistry<br>and Biochemistry                | 8         |
| CH 463<br>or CH 467  | Biochemistry<br>Biochemistry Laboratory         | 4         |
| <b>Total Credits</b> |                                                 | <b>38</b> |

Other courses may be submitted for consideration and approval by the department. At least 12 credits for the biochemistry minor must be completed at the University of Oregon. All courses applied to the minor must be completed with grades of C– or better. Credits earned in CH 407 Seminar: [Topic], CH 405 Reading and Conference: [Topic], and CH 409 Terminal Project may not be applied to required coursework for the biochemistry minor.

## Chemistry Minor

Biochemistry majors cannot minor in Chemistry minor.

### Chemistry Minor

A minor in chemistry may be designed from course work in general chemistry, including the laboratory sequence, and at least four additional upper-division courses. University requirements for the minor include a total of 24 credits in chemistry, 15 of which must be in upper-division courses and 12 of which must be completed at the University of Oregon. All courses for the minor must be completed with grades of C– or better. Credits earned in CH 407 Seminar: [Topic], CH 405 Reading and Conference: [Topic], and CH 409 Terminal Project may not be applied as required course work for the minor.

## Chemistry (MS)

Research at the University of Oregon is designed to keep student researchers at the forefront of chemical science. Our programs in the traditional areas of biochemistry, inorganic, organic, and physical chemistry lay the foundation for new discoveries in materials science, molecular biology, optics, and theoretical chemistry. Though our department is medium in size, we are a leading innovator in chemistry.

A unique strength of our program is its interdisciplinary approach to research and teaching. Chemical scientists may be interested in the Institute of Molecular Biology, the Institute for Fundamental Science, the Materials Science Institute, the Oregon Center for Optical, Molecular, and Quantum Science (OMQ), and the programs in cell biology and molecular synthesis, structure, and dynamics.

We offer a traditional Master's as well as several internship-based Master's programs. Internship salaries can help offset the cost of tuition for students in an internship program; the traditional Master's program does not include financial support.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Have in-depth knowledge in a main subfield of chemistry. Students will acquire this knowledge by doing advanced course work in the field, reading scientific papers, and optionally performing original research in the lab.

- Students pursuing a research master's degree will learn how to carry out independent chemistry research. Students will learn literature comprehension skills, will properly cite and reference techniques and methods, will be able to place one's research in context of the field, and will be able to communicate research results through scientific publications and presentations. Students will be able to formulate scientific hypotheses, understand the scientific method and apply it to research design, will become proficient at data gathering and interpretation, and will be able to write a research proposal. Students will pursue a research problem culminating in a written thesis that makes a significant and original contribution to the understanding of chemistry.
- Have professional development skills and knowledge. Students will attend professional meetings and make oral or poster presentations. Students will learn how to get internships in governmental labs, in industry, or in teaching. Students will learn soft skills, such as leadership, problem-solving, teamwork, communication.
- Understand and have awareness of professional, ethical and safety applications of their knowledge. Students will develop and understand the ethical and social dimension of science and the role and responsibility of chemistry for the advancement of the society. Students will learn and put into practice the expectations of responsible conduct in the professional field. Students will learn about laboratory safety and best safety practices.

## Chemistry Major Requirements

| Code                                    | Title                                                     | Credits   |
|-----------------------------------------|-----------------------------------------------------------|-----------|
| Department Requirements <sup>1, 2</sup> |                                                           | 30        |
| Internship Program in Electrochemistry  |                                                           | 28        |
| CH 554                                  | Advanced Electrochemistry                                 |           |
| CH 689                                  | Chemistry Professional Development <sup>3</sup>           |           |
| CH 690                                  | Numerical Simulation in Electrochemistry                  |           |
| CH 691                                  | Analytical Electrochemistry Laboratory                    |           |
| CH 692                                  | Electrochemical Device Engineering                        |           |
| CH 693                                  | Electrochemical Device Laboratory                         |           |
| CH 694                                  | Applied Electrochemistry Projects Laboratory <sup>3</sup> |           |
| CH 695                                  | External Graduate Internship <sup>3</sup>                 |           |
| <b>Total Credits</b>                    |                                                           | <b>58</b> |

<sup>1</sup> Six graded graduate-level courses with a minimum 24 credits.

<sup>2</sup> Nine credit hours in 600-level courses.

<sup>3</sup> May substitute for an approved alternative course.

## Chemistry - Electrochemical Technology Concentration

| Code                                | Title                                    | Credits |
|-------------------------------------|------------------------------------------|---------|
| <b>Electrochemistry AMP Courses</b> |                                          |         |
| CH 554                              | Advanced Electrochemistry                | 4       |
| CH 531                              | Inorganic Chemistry                      | 4       |
| CH 689                              | Chemistry Professional Development       | 1       |
| CH 690                              | Numerical Simulation in Electrochemistry | 2       |
| CH 691                              | Analytical Electrochemistry Laboratory   | 2       |
| CH 692                              | Electrochemical Device Engineering       | 4       |
| CH 693                              | Electrochemical Device Laboratory        | 4       |

|        |                                              |    |
|--------|----------------------------------------------|----|
| CH 694 | Applied Electrochemistry Projects Laboratory | 4  |
| CH 695 | External Graduate Internship                 | 30 |

#### Core Undergraduate Chemistry Courses

|                      |                                                                    |   |
|----------------------|--------------------------------------------------------------------|---|
| CH 221<br>or CH 224H | General Chemistry I<br>Advanced General Chemistry I                | 4 |
| CH 222<br>or CH 225H | General Chemistry II<br>Advanced General Chemistry II              | 4 |
| CH 223<br>or CH 226H | General Chemistry III<br>Advanced General Chemistry III            | 4 |
| CH 227               | General Chemistry Laboratory                                       | 2 |
| CH 228               | General Chemistry Laboratory                                       | 2 |
| CH 229<br>or CH 399  | General Chemistry Laboratory<br>Special Studies: [Topic]           | 2 |
| CH 341<br>or CH 331  | Majors Track Organic Chemistry I<br>Organic Chemistry I            | 4 |
| CH 342<br>or CH 335  | Majors Track Organic Chemistry II<br>Organic Chemistry II          | 4 |
| CH 343<br>or CH 337  | Majors Track Organic Chemistry III<br>Organic Chemistry Laboratory | 4 |
| CH 337               | Organic Chemistry Laboratory                                       | 3 |
| CH 338               | Organic Chemistry Laboratory                                       | 3 |
| CH 348               | Organic Chemistry Laboratory for Majors                            | 4 |
| CH 349               | Organic Chemistry Lab for Majors                                   | 4 |
| CH 411               | Physical Chemistry                                                 | 4 |
| CH 412               | Physical Chemistry                                                 | 4 |
| CH 413               | Physical Chemistry                                                 | 4 |
| CH 417               | Physical Chemistry Laboratory                                      | 4 |
| CH 418               | Physical Chemistry Laboratory                                      | 4 |
| CH 419               | Physical Chemistry Laboratory                                      | 4 |
| CH 429               | Instrumental Analysis                                              | 5 |

#### Required Math Courses

|          |                                        |   |
|----------|----------------------------------------|---|
| MATH 251 | Calculus I                             | 4 |
| MATH 252 | Calculus II                            | 4 |
| MATH 253 | Calculus III                           | 4 |
| MATH 256 | Introduction to Differential Equations | 4 |
| MATH 281 | Several-Variable Calculus I            | 4 |

#### Required Physics Courses

|                         |                                                                      |   |
|-------------------------|----------------------------------------------------------------------|---|
| PHYS 251<br>or PHYS 201 | Foundations of Physics I<br>General Physics                          | 4 |
| PHYS 252<br>or PHYS 202 | Foundations of Physics I<br>General Physics                          | 4 |
| PHYS 253<br>or PHYS 203 | Foundations of Physics I<br>General Physics                          | 4 |
| PHYS 204<br>or PHYS 290 | Introductory Physics Laboratory<br>Foundations of Physics Laboratory | 2 |
| PHYS 205<br>or PHYS 290 | Introductory Physics Laboratory<br>Foundations of Physics Laboratory | 2 |
| PHYS 206<br>or PHYS 290 | Introductory Physics Laboratory<br>Foundations of Physics Laboratory | 2 |

|                                |                                                                                                                        |           |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>University Requirements</b> | The Student will need complete the UO requirements in Writing, Arts and Letters, Social Science, and Cultural Literacy | <b>53</b> |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------|

|                      |            |
|----------------------|------------|
| <b>Total Credits</b> | <b>219</b> |
|----------------------|------------|

## Admission Process

Students apply to program during their junior year.

- (1) GPA and course of study to date
- (2) resume including volunteer and paid work, and previous experiences
- (3) personal statement including experiences, career goals and discussion of contributions to diversity, equity, and inclusion
- (5) interview including technical, experience, and behavioral components

## Chemistry (PhD)

Research at the University of Oregon is designed to keep student researchers at the forefront of chemical science. Our programs in the traditional areas of biochemistry, inorganic, organic, and physical chemistry lay the foundation for new discoveries in materials science, molecular biology, optics, and theoretical chemistry. Though our department is medium in size, we are a leading innovator in chemistry.

At the University of Oregon, we recognize the importance of diversity and breadth in graduate education and continue to respond to the shifts and changes in career opportunities available to our graduates. In pursuit of this goal, we take a cross-disciplinary, interdepartmental approach to research and graduate training. Institutes and centers facilitate scientific investigation at the boundaries of traditional fields and foster collaboration and cooperation between researchers in different departments. Faculty members and students are actively involved in collaborative research efforts in the department and in the interdepartmental research institutes, providing unique opportunities for defining and solving scientific problems. Students pursuing a Ph.D. in chemistry may choose to complete thesis projects under the guidance of faculty in other departments, such as biology or physics.

While we de-emphasize the boundaries of traditional disciplines, the classic areas of chemistry do provide a convenient and familiar way to describe the department's educational activities and research. They include: biochemistry, molecular biology and biophysical chemistry; organic-inorganic chemistry; and physical chemistry.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire in-depth knowledge in a main subfield of chemistry. Students will acquire this knowledge by doing advanced course work in the field, reading scientific papers, performing original research in the lab, and passing an advancement exam in the student's research area.
- Acquire a breadth of knowledge in other subfields of chemistry. Students will acquire this knowledge by doing course work and taking cumulative exams.
- Learn how to carry out independent chemistry research. Students will learn literature comprehension skills, will properly cite and reference techniques and methods, will be able to place one's research in context of the field, and will be able to communicate research results through scientific publications and presentations. Students will be able to formulate scientific hypotheses, understand the scientific method and apply it to research design, will become proficient at data gathering and interpretation, and will be able to write a research

proposal. Students will pursue a research problem culminating in a written thesis that makes a significant and original contribution to the understanding of chemistry.

- Acquire professional development skills and knowledge. Students will attend professional meetings and make oral or poster presentations. Students will learn how to obtain internships in governmental labs, in industry, or in teaching. Students will learn soft skills, such as leadership, problem-solving, teamwork, communication.
- Understand and apply ethics and values to all professional activities. Students will demonstrate an awareness of the benefits and impacts of chemistry related to the environment, society, and other disciplines outside the scientific community. Students will learn and put into practice the expectations of responsible conduct in the professional field. Students will learn about laboratory safety and best safety practices. Students will be prepared to contribute solutions to society's challenges at the intersection of science and society.

## Chemistry Major Requirements

### Requirements for all students

- Participate in the undergraduate teaching program for at least 3 terms
- Rotate through 3 different labs during the first year
- Identify and join a research group by the end of the first year
- 4th term review is usually in the fall of 2nd year with a written and an oral report
- Annual review each year after advancement to candidacy with a written and an oral report

### Biochemistry Requirements

- Advancement to Candidacy
- Satisfactory completion of BI 620, CH 662
- Seminars and Journal Club

### Organic/Inorganic/Material Requirements

- Advancement to Candidacy Exam
- Six graded graduate-level courses of 3 or 4 credits each
- Seminars and Journal Club (CH 607, CH 623)

### Physical Chemistry Requirements

- Advancement to Candidacy Exam; 3rd-year research presentation
- Six graded graduate-level courses of 3 or 4 credits each
- Seminars and Journal Club (CH 607, CH 624)

## Computer Science

### Reza Rejaie, Department Head

541-346-4408  
541-346-5373 fax  
120 Deschutes Hall  
1202 University of Oregon  
Eugene OR 97403-1202

Computer science, the study of computation, offers students the challenge and excitement of a dynamically evolving science whose discoveries and applications affect every aspect of modern life. Computer science is a rich intellectual field where practitioners apply a computational approach to address a wide variety of interesting and challenging problems. Computer scientists are engaged in research in core areas of theoretical computer science, computer systems design,

algorithms, and programming languages, as well as more application-oriented areas such as databases and networking.

## Faculty

Zena M. Ariola, professor (programming languages, lambda calculus, logic). BS, 1980, Pisa; PhD, 1992, Harvard. (1992)

Hank Childs, professor (scientific visualization, high-performance computing, computer graphics). BS, 1999, PhD, 2006, California, Davis. (2013)

Jeon W. Choi, assistant professor (high-performance computing, scientific computation, data analytics). BS, 2000, PhD, 2015, Georgia Institute of Technology. (2019)

Phil Colbert, instructor (education, healthcare, environmental sciences, IoT, full stack development, CIT Minor). BS, 1990 CSU Chico; MS, 2008, CSU Chico. (2014)

Dejing Dou, professor (artificial intelligence, data mining, natural language processing). BE, 1996, Tsinghua; MS, 2000, PhD, 2004, Yale. (2004)

Brittany Erickson, assistant professor (scientific computing, computational seismology, high performance computing). BS, 2004, MS, 2006, PhD, 2010, California, Santa Barbara. (2018)

Ramakrishnan Durairajan, assistant professor (computer networking, multi-cloud computing, Internet data science, programmable optics, cybersecurity). BS, 2010, College of Engineering, Guindy; MS, 2014, PhD, 2017, Wisconsin, Madison. (2017)

Stephen F. Fickas, professor (software engineering, formal modeling of distributed systems, digital humanities). BS, 1971, Oregon State; MS, 1973, Massachusetts; PhD, 1983, California, Irvine. (1983)

Kathleen Freeman Hennessy, senior instructor; director of undergraduate studies. BS, 1982, Bucknell; PhD, 1993, Oregon. (2011)

Anthony J. Hornof, professor (human-computer interaction, assistive technology, cognitive modeling). BA, 1988, Columbia; MS, 1996, PhD, 1999, Michigan. (1999)

Lei Jiao, assistant professor (networking and distributed computing, performance modeling and evaluation, algorithm design and application). BS, 2007, MS, 2010, Northwestern Polytechnical; PhD, 2014, Göttingen. (2016)

Jun Li, professor (computer and network security, network architectures and protocols, distributed systems). BS, 1992, Peking; ME, 1995, Chinese Academy of Sciences; MS, 1998, PhD, 2002, California, Los Angeles. (2002)

Yingjiu (Joe) Li, professor (cyber security and privacy). BS, 1990, Dalian University of Technology; PhD, 2003, George Mason University. (2019)

Daniel Lowd, associate professor (machine learning, data mining, artificial intelligence). BS, 2003, Harvey Mudd College; MS, 2005, PhD, 2010, Washington (Seattle). (2009)

Allen D. Malony, professor (parallel processing, performance evaluation, neuroinformatics). BS, 1980, MS, 1982, California, Los Angeles; PhD, 1990, Illinois, Urbana-Champaign. (1991)

Thanh H. Nguyen, assistant professor (artificial intelligence, multi-agent systems, machine learning ). BS, 2010, Hanoi University of Science and Technology; PhD, 2016, University of Southern California. (2018)

Thien Huu Nguyen, assistant professor (natural language processing, data mining, machine learning, artificial intelligence). BE, 2011, HUST, Hanoi; MS, 2014, PhD, 2018, NYU, New York. (2018)

Boyana Norris, associate professor (high-performance computing, compilers, performance analysis and optimization, software engineering, data science). BS, 1995, Wake Forest; PhD, 2000, Illinois, Urbana-Champaign. (2013)

Reza Rejaie, professor (computer networks, networked systems, Internet measurement). BS, 1991, Sharif University of Technology; MS, 1996, PhD 1999, Southern California. (2002)

Humphrey Shi, assistant professor (Computer Vision, Machine Learning, AI Systems & Applications). BS, 2005, Tsinghua University; PhD, 2017, University of Illinois at Urbana-Champaign. (2019)

Joseph Sventek, professor (complex event processing, Internet of Things). BS, 1973, Rochester; PhD, 1979, California, Berkeley. (2014)

Dave Wilkins, instructor. BA, 1965, Whitman College; MS, 1971, Oregon. (2010)

Eric D. Wills, senior instructor. BS, 2000, MS, 2002, PhD, 2008, Oregon. (2010)

Christopher B. Wilson, associate professor (computational complexity, models of computation). BS, 1978, Oregon; MS, 1980, PhD, 1984, Toronto. (1984)

Michal Young, associate professor (software engineering, software test and analysis). BA, 1983, Oregon; MS, 1985, PhD, 1989, California, Irvine. (1997)

## Emeriti

Sarah A. Douglas, professor emerita. AB, 1966, California, Berkeley; MS, 1979, PhD, 1983, Stanford. (1983)

Arthur M. Farley, professor emeritus. BS, 1968, Rensselaer Polytechnic Institute; PhD, 1974, Carnegie-Mellon. (1974)

Michael Hennessy, senior instructor. BS, 1982, MS, 1984, Oregon. (1984)

Virginia M. Lo, associate professor emerita. BA, 1969, Michigan; MS, 1977, Pennsylvania State; PhD, 1983, Illinois, Urbana-Champaign. (1984)

Eugene M. Luks, professor emeritus. BS, 1960, City University of New York, City College; PhD, 1966, Massachusetts Institute of Technology. (1983)

Andrzej Proskurowski, professor emeritus. MS, 1967, Warsaw University of Technology; PhD, 1974, Royal Institute of Technology, Stockholm. (1975)

Kent A. Stevens, professor emeritus. BS, 1969, MS, 1971, California, Los Angeles; PhD, 1979, Massachusetts Institute of Technology. (1982)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Affiliated Faculty

Sameer Shende, research associate professor and director, Performance Research Laboratory (performance evaluation tools, programming models, software stack for HPC and AI/ML). BTech, 1991, IIT Bombay; MS, 1996, PhD 2001, University of Oregon. (2001)

## Participating

Heidi Kaufman, English

Amy K. Lobben, geography

Marc Schlossberg, planning, public policy and management

McKay M. Sohlberg, special education and clinical sciences

Sanjay Srivastava, psychology

Jeffrey Stolet, music

Don M. Tucker, psychology

## Undergraduate Programs

### Major - Bachelor's Degree

- Computer Science (BA/BS) (p. 221)
- Cybersecurity (BS) (p. 226)
- Mathematics and Computer Science (BA/BS) (p. 264)

### Minors

- Computer Information Technology (p. 227)
- Computer Science (p. 227)

## Graduate Programs

### Major - Master's Degree

- Computer Science (MS) (p. 227)

### Major - Doctoral Degree

- Computer Science (PhD) (p. 230)

## Computer Science (BA/BS)

As a computer science major, you'll study the computer as a machine—both concrete and abstract—and as a powerful tool for solving problems and exploring in a wide variety of areas. Through your computer science courses, you will learn how to design, analyze, and implement algorithms and programs, computer systems, and programming languages. You will have the opportunity to take classes in topics such as data science, artificial intelligence, networks and security, graphics and visualization, and more. From research and web design to data mining and software engineering, students in this field are on the cutting edge of prospective careers.

As computer science becomes increasingly intrinsic to countless aspects of daily life, the spectrum of career opportunities in this field continues to expand. By the time you graduate with a degree in computer science, you'll be a computational thinker prepared to flourish in any profession you choose.



Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate technical competency in the main areas of computer science, including theoretical foundations, computer systems, programming languages, and software development.
- Draw on a broad knowledge of computer science to design, implement, and test software solutions to significant problems in a variety of areas.
- Understand the broad applicability and impacts of computing; be proficient in one or more subareas of computer science or applied computer science.
- Adapt and extend fundamental knowledge and skills to new problem domains and emerging technologies.
- Communicate and collaborate with others as part of a project team, and express ideas orally and in writing.
- Recognize professional responsibilities and make informed judgments in computing practice based on ethical principles.

Computer Science Major Requirements

Computer science majors must complete at least 60 credits of CS courses, of which 24, including 12 upper-division credits, must be earned in residence at the University of Oregon. In addition, majors must complete 28 credits in mathematics, 12 credits in the sciences, and 4 credits of technical or business writing. The specific requirements for the CS major fall into five categories: core courses, concentration and elective courses, mathematics, writing, and science.

Computer Science I (CS 210), Computer Science II (CS 211), Computer Science III (CS 212), Elements of Discrete Mathematics I (MATH 231), and Elements of Discrete Mathematics II (MATH 232) must be passed with grades of B– or better before students can take the upper-division core courses. Courses required for the major must be taken for a letter grade; upper-division electives in CS courses numbered 410 or higher (12 credits) must also be taken for a letter grade. Upper-division courses must be passed with a grade of C– or better.

| Code                         | Title                                     | Credits |
|------------------------------|-------------------------------------------|---------|
| Core Courses: Lower Division |                                           |         |
| CS 210–212                   | Computer Science I-III                    | 12      |
| MATH 231–232                 | Elements of Discrete Mathematics I-II     | 8       |
| Core Courses: Upper Division |                                           |         |
| CS 313                       | Intermediate Data Structures              | 4       |
| CS 314                       | Computer Organization                     | 4       |
| CS 315                       | Intermediate Algorithms                   | 4       |
| CS 330                       | C/C++ and Unix                            | 4       |
| CS 415                       | Operating Systems                         | 4       |
| CS 422                       | Software Methodology I                    | 4       |
| CS 425                       | Principles of Programming Languages       | 4       |
| Core Courses: Mathematics    |                                           |         |
| Select one of the following: |                                           | 8       |
| MATH 251–252                 | Calculus I-II                             |         |
| MATH 261–262                 | Calculus with Theory I-II                 |         |
| MATH 246–247                 | Calculus for the Biological Sciences I-II |         |

|                                                                                               |                                     |    |
|-----------------------------------------------------------------------------------------------|-------------------------------------|----|
| Select two of the following:                                                                  |                                     | 8  |
| MATH 347                                                                                      | Fundamentals of Number Theory I     |    |
| or MATH 353Elementary Numerical Analysis II                                                   |                                     |    |
| or MATH 393Fundamentals of Abstract Algebra I                                                 |                                     |    |
| MATH 253                                                                                      | Calculus III                        |    |
| or MATH 263Calculus with Theory III                                                           |                                     |    |
| MATH 341                                                                                      | Elementary Linear Algebra           |    |
| MATH 343                                                                                      | Statistical Models and Methods      |    |
| or MATH 425Statistical Methods I                                                              |                                     |    |
| or MATH 345Probability and Statistics for Data Science                                        |                                     |    |
| Core Courses: Science                                                                         |                                     |    |
| Select 12 credits from the following: <sup>1</sup>                                            |                                     | 12 |
| Biology <sup>2</sup>                                                                          |                                     |    |
| CH 111                                                                                        | Introduction to Chemical Principles |    |
| or CH 113 The Chemistry of Sustainability                                                     |                                     |    |
| or CH 221 General Chemistry I                                                                 |                                     |    |
| or CH 224H Advanced General Chemistry I                                                       |                                     |    |
| BI 211,213                                                                                    | General Biology I,III               |    |
| or BI 211–212 General Biology I-II                                                            |                                     |    |
| Chemistry <sup>2</sup>                                                                        |                                     |    |
| CH 221–223                                                                                    | General Chemistry                   |    |
| or CH 224H-Honors General Chemistry 226H                                                      |                                     |    |
| Earth Sciences                                                                                |                                     |    |
| ERTH 201                                                                                      | Dynamic Planet Earth                |    |
| ERTH 202                                                                                      | Earth's Surface and Environment     |    |
| ERTH 203                                                                                      | History of Life                     |    |
| Geography                                                                                     |                                     |    |
| GEOG 141                                                                                      | The Natural Environment             |    |
| Select two of the following:                                                                  |                                     |    |
| GEOG 321                                                                                      | Climatology                         |    |
| GEOG 322                                                                                      | Geomorphology                       |    |
| GEOG 323                                                                                      | Biogeography                        |    |
| Physics <sup>2,3</sup>                                                                        |                                     |    |
| PHYS 201–203                                                                                  | General Physics                     |    |
| or PHYS 253Foundations of Physics I                                                           |                                     |    |
| Psychology                                                                                    |                                     |    |
| PSY 201                                                                                       | Mind and Brain                      |    |
| Select two of the following:                                                                  |                                     |    |
| PSY 301                                                                                       | Scientific Thinking in Psychology   |    |
| PSY 304                                                                                       | Biopsychology                       |    |
| PSY 305                                                                                       | Cognition                           |    |
| PSY 348                                                                                       | Music and the Brain                 |    |
| Core Course: Writing                                                                          |                                     |    |
| WR 320                                                                                        | Scientific and Technical Writing    | 4  |
| or WR 321 Business Communications                                                             |                                     |    |
| or HC 301H Research and Writing: [Topic]                                                      |                                     |    |
| Electives: Upper Division                                                                     |                                     |    |
| Upper-division CS courses in student's chosen concentration (concentration information below) |                                     | 12 |



|                                                                                                                                              |            |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Upper-division CS courses in student's chosen concentration, honors thesis, capstone project, or other upper-division courses <sup>4,5</sup> | 8          |
| Upper-division mathematics or theoretical computer science course <sup>6</sup>                                                               | 4          |
| <b>Total Credits</b>                                                                                                                         | <b>104</b> |

- <sup>1</sup> To support interdisciplinary study, students in any concentration are encouraged to complete a minor (typically 24–32 credits) or major in a computing-related field. Students who complete a minor (other than computer information technology or mathematics) or another major (including mathematics) in a computing-related field may, with the approval of the Undergraduate Education Committee, replace the CS laboratory science requirement with the completed minor or major.
- <sup>2</sup> Students are encouraged to complete the accompanying lab courses.
- <sup>3</sup> Physics is recommended for networks concentration students.
- <sup>4</sup> If Experimental Course: [Topic] (CS 410) courses are applied, they must have different topic subtitles to satisfy this requirement.
- <sup>5</sup> A maximum of 8 credits in upper-division courses numbered less than 410, or DSCI 311. CS courses numbered 400–499 may be taken for a maximum of 4 credits when used to satisfy this requirement. Special Studies: [Topic] (CS 399), Seminar: [Topic] (CS 407), and Experimental Course: [Topic] (CS 410) courses must have different topic subtitles to satisfy this requirement. CS 399 and CS 410 courses must have a prerequisite of CS 313 and have regular weekly class meetings and homework assignments.
- <sup>6</sup> The mathematics elective is selected from upper-division mathematics courses with a prerequisite of Calculus II (MATH 252) or higher, or from theoretical computer science courses. A list of theoretical computer science courses is available in the computer science office or the department website.

## Major Progress Review and Major in Good Standing

Each major must meet with a computer science advisor and file the Major Progress Review form while taking Intermediate Data Structures (CS 313) or Computer Organization (CS 314). Mathematics and CS core courses and at least 12 credits of CS upper division elective courses numbered 410 or higher must be taken for letter grades and passed with grades of C– or better. Other courses used to satisfy the major requirements may be taken for letter grades or pass/no pass. Grades of C– or better or P must be earned in these courses. At least 12 of the CS upper-division credits applied to the degree must be taken in residence at the university.

## Concentrations

Concentrations, or focus areas, highlight areas of specialization within the department and guide student elective choices. Each concentration has an approved list of CS courses, available from the Computer Science office or the department website. Concentrations may also include recommended science or mathematics courses or a recommended minor in another field.

### AI and Machine Learning Concentration

The artificial intelligence and machine learning concentration prepares students to develop computational solutions to problems that require emerging problem solving techniques, often involving inference from

large collections of noisy data. Course work focuses on neural and statistical approaches to inference as well as search.

### Computer Networks Concentration

The Computer Networks concentration prepares students for careers as network systems administrators, network protocol developer-programmers, or network security specialists in a wide range of environments, including educational institutions, business enterprises, and government agencies, as well as for advanced graduate studies and research in the field of computer networks. Course work encompasses most aspects of network theory and practice.

### High Performance Computing/Computational Science Concentration

The High Performance Computing/Computational science concentration prepares students to apply computational and mathematical techniques to the analysis and management of scientific data. Course work in this concentration combines depth in applied and formal aspects of Computer Science.

### Security Concentration

The Security concentration provides a foundation in topics and concepts relating to the security of computer systems and networks. It prepares students to work as security analysts and provides a highly desirable skill set for all employers, ranging from software engineers to administrators, in both the private and government sectors. It also provides a foundation for further graduate study and research in security. Course work encompasses a strong understanding of computer systems and networks and their security, and can be tailored to a more theoretical or more applied focus.

### Software Development Concentration

The Software Development concentration prepares students for careers in software engineering, software project management, software quality assurance, and other areas involving the creation of software. Course work focuses on solving problems related to the cost of development as well as the quality of the software delivered in complex software projects.

## Honors Program

Students with a GPA of 3.50 or higher in computer science and a cumulative GPA of 3.50 or higher, or a GPA of 3.75 or higher in computer science and a cumulative GPA of 3.25 or higher, are encouraged to apply to the department honors program after completing Intermediate Data Structures (CS 313), Computer Organization (CS 314), Intermediate Algorithms (CS 315), and C/C++ and Unix (CS 330). The application form is available in the department office. To graduate with departmental honors, a student must write and present a thesis under the supervision of a faculty member. Honors students will take 4 credits of CS 403 Thesis and up to 4 credits of CS 401 Research to satisfy this requirement.

## Computer Science Accelerated Master's Program

Computer Science undergraduate majors at the UO have the opportunity to graduate with B.S. and M.S. Computer Science degrees in a five-year program. See Computer Science Graduate Program (MS) (p. 228).

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them. Additional information may be found at the department website (<https://cs.uoregon.edu>).

## Bachelor of Arts in Computer Science

| Course                                                                                      | Title                                                         | Credits   | Milestones |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------|------------|
| <b>First Year</b>                                                                           |                                                               |           |            |
| <b>Fall</b>                                                                                 |                                                               |           |            |
| CS 122                                                                                      | Introduction to Programming and Problem Solving (recommended) | 4         |            |
| MATH 112Z                                                                                   | Precalculus II: Trigonometry                                  | 4         |            |
| WR 121Z                                                                                     | Composition I                                                 | 4         |            |
| Core-education course in arts and letters                                                   |                                                               | 4         |            |
| <b>Credits</b>                                                                              |                                                               | <b>16</b> |            |
| <b>Winter</b>                                                                               |                                                               |           |            |
| CS 210                                                                                      | Computer Science I                                            | 4         |            |
| MATH 251                                                                                    | Calculus I                                                    | 4         |            |
| or                                                                                          | or Calculus for the Biological Sciences I                     |           |            |
| MATH 246                                                                                    |                                                               |           |            |
| or                                                                                          | or Calculus with Theory I                                     |           |            |
| MATH 261                                                                                    |                                                               |           |            |
| WR 122Z                                                                                     | Composition II                                                | 4         |            |
| or WR 123                                                                                   | or College Composition III                                    |           |            |
| Core-education course in social science                                                     |                                                               |           |            |
| <b>Credits</b>                                                                              |                                                               | <b>12</b> |            |
| <b>Spring</b>                                                                               |                                                               |           |            |
| CS 211                                                                                      | Computer Science II                                           | 4         |            |
| MATH 252                                                                                    | Calculus II                                                   | 4         |            |
| or                                                                                          | or Calculus for the Biological Sciences II                    |           |            |
| MATH 247                                                                                    |                                                               |           |            |
| or                                                                                          | or Calculus with Theory II                                    |           |            |
| MATH 262                                                                                    |                                                               |           |            |
| Core-education course in arts and letters                                                   |                                                               | 4         |            |
| Core-education course in social science                                                     |                                                               | 4         |            |
| <b>Credits</b>                                                                              |                                                               | <b>16</b> |            |
| <b>Total Credits</b>                                                                        |                                                               | <b>44</b> |            |
| <b>Second Year</b>                                                                          |                                                               |           |            |
| <b>Fall</b>                                                                                 |                                                               |           |            |
| CS 212                                                                                      | Computer Science III                                          | 4         |            |
| MATH 231                                                                                    | Elements of Discrete Mathematics I                            | 4         |            |
| First course of additional science sequence                                                 |                                                               | 4         |            |
| Core-education course in social science that also satisfies a cultural literacy requirement |                                                               | 4         |            |
| <b>Credits</b>                                                                              |                                                               | <b>16</b> |            |
| <b>Winter</b>                                                                               |                                                               |           |            |
| CS 314                                                                                      | Computer Organization                                         | 4         |            |
| MATH 232                                                                                    | Elements of Discrete Mathematics II                           | 4         |            |
| Second course of additional science sequence                                                |                                                               | 4         |            |

|                                                                                               |                                                |           |
|-----------------------------------------------------------------------------------------------|------------------------------------------------|-----------|
| Core-education course in arts and letters                                                     |                                                | 4         |
| <b>Credits</b>                                                                                |                                                | <b>16</b> |
| <b>Spring</b>                                                                                 |                                                |           |
| CS 322                                                                                        | Introduction to Software Engineering           | 4         |
| or WR 320                                                                                     | (recommended)                                  |           |
| or WR 321                                                                                     | or Scientific and Technical Writing            |           |
| or                                                                                            | or Business Communications                     |           |
| HC 301H                                                                                       | or Research and Writing: [Topic]               |           |
| MATH 253                                                                                      | Calculus III                                   | 4         |
| or                                                                                            | or Calculus with Theory III                    |           |
| MATH 263                                                                                      | or Elementary Linear Algebra                   |           |
| or                                                                                            | or Statistical Models and Methods              |           |
| MATH 341                                                                                      | or Statistical Methods I                       |           |
| or                                                                                            | or Probability and Statistics for Data Science |           |
| MATH 343                                                                                      |                                                |           |
| or                                                                                            |                                                |           |
| MATH 425                                                                                      |                                                |           |
| or                                                                                            |                                                |           |
| MATH 345N                                                                                     |                                                |           |
| Third course of additional science sequence                                                   |                                                | 4         |
| Core-education course in arts and letters that also satisfies a cultural literacy requirement |                                                | 4         |
| <b>Credits</b>                                                                                |                                                | <b>16</b> |
| <b>Total Credits</b>                                                                          |                                                | <b>48</b> |

| Course                                              | Title                                          | Credits   | Milestones |
|-----------------------------------------------------|------------------------------------------------|-----------|------------|
| <b>Third Year</b>                                   |                                                |           |            |
| <b>Fall</b>                                         |                                                |           |            |
| CS 313                                              | Intermediate Data Structures                   | 4         |            |
| MATH 253                                            | Calculus III                                   | 4         |            |
| or                                                  | or Calculus with Theory III                    |           |            |
| MATH 263                                            | or Elementary Linear Algebra                   |           |            |
| or                                                  | or Statistical Models and Methods              |           |            |
| MATH 341                                            | or Statistical Methods I                       |           |            |
| or                                                  | or Probability and Statistics for Data Science |           |            |
| MATH 343                                            |                                                |           |            |
| or                                                  |                                                |           |            |
| MATH 425                                            |                                                |           |            |
| or                                                  |                                                |           |            |
| MATH 345N                                           |                                                |           |            |
| WR 320                                              | Scientific and Technical Writing               | 4         |            |
| or WR 321                                           | or Business Communications                     |           |            |
| or                                                  | or Research and Writing: [Topic]               |           |            |
| HC 301H                                             | or Introduction to Software Engineering        |           |            |
| or CS 322                                           |                                                |           |            |
| First term of second-language sequence              |                                                | 4         |            |
| <b>Credits</b>                                      |                                                | <b>16</b> |            |
| <b>Winter</b>                                       |                                                |           |            |
| CS 315                                              | Intermediate Algorithms                        | 4         |            |
| CS 330                                              | C/C++ and Unix                                 | 4         |            |
| Upper-division mathematics elective course          |                                                | 4         |            |
| Second term of second-language sequence             |                                                | 4         |            |
| <b>Credits</b>                                      |                                                | <b>16</b> |            |
| <b>Spring</b>                                       |                                                |           |            |
| CS 415                                              | Operating Systems                              | 4         |            |
| Upper-division elective course with CS subject code |                                                | 4         |            |

|                                        |                                                          |           |
|----------------------------------------|----------------------------------------------------------|-----------|
| PHIL 223                               | Data Ethics (or core-education course in social science) | 4         |
| Third term of second-language sequence |                                                          | 4         |
| <b>Credits</b>                         |                                                          | <b>16</b> |
| <b>Total Credits</b>                   |                                                          | <b>48</b> |

| Course                                                        | Title                               | Credits Milestones |
|---------------------------------------------------------------|-------------------------------------|--------------------|
| <b>Fourth Year</b>                                            |                                     |                    |
| <b>Fall</b>                                                   |                                     |                    |
| CS 425                                                        | Principles of Programming Languages | 4                  |
| Upper-division elective course (410-499) with CS subject code |                                     | 4                  |
| Upper-division elective course                                |                                     | 4                  |
| <b>Credits</b>                                                |                                     | <b>12</b>          |
| <b>Winter</b>                                                 |                                     |                    |
| CS 422                                                        | Software Methodology I              | 4                  |
| Upper-division elective course (410-499) with CS subject code |                                     | 4                  |
| Upper-division elective course                                |                                     | 4                  |
| <b>Credits</b>                                                |                                     | <b>12</b>          |
| <b>Spring</b>                                                 |                                     |                    |
| Upper-division elective course with CS subject code           |                                     | 4                  |
| Upper-division elective course (410-499) with CS subject code |                                     | 4                  |
| Upper-division elective course                                |                                     | 4                  |
| <b>Credits</b>                                                |                                     | <b>12</b>          |
| <b>Total Credits</b>                                          |                                     | <b>36</b>          |

## Bachelor of Science in Computer Science

| Course                                    | Title                                                         | Credits Milestones |
|-------------------------------------------|---------------------------------------------------------------|--------------------|
| <b>First Year</b>                         |                                                               |                    |
| <b>Fall</b>                               |                                                               |                    |
| CS 122                                    | Introduction to Programming and Problem Solving (recommended) | 4                  |
| MATH 112Z                                 | Precalculus II: Trigonometry                                  | 4                  |
| WR 121Z                                   | Composition I                                                 | 4                  |
| Core-education course in arts and letters |                                                               | 4                  |
| <b>Credits</b>                            |                                                               | <b>16</b>          |
| <b>Winter</b>                             |                                                               |                    |
| CS 210                                    | Computer Science I                                            | 4                  |
| MATH 251                                  | Calculus I                                                    | 4                  |
| or                                        | or Calculus for the Biological Sciences I                     |                    |
| MATH 246                                  | or Calculus with Theory I                                     |                    |
| or                                        |                                                               |                    |
| MATH 261                                  |                                                               |                    |
| WR 122Z                                   | Composition II                                                | 4                  |
| or WR 123                                 | or College Composition III                                    |                    |
| Core-education course in social science   |                                                               | 4                  |
| <b>Credits</b>                            |                                                               | <b>16</b>          |
| <b>Spring</b>                             |                                                               |                    |
| CS 211                                    | Computer Science II                                           | 4                  |

|                                           |                                            |           |
|-------------------------------------------|--------------------------------------------|-----------|
| MATH 252                                  | Calculus II                                | 4         |
| or                                        | or Calculus for the Biological Sciences II |           |
| MATH 247                                  | or Calculus with Theory II                 |           |
| or                                        |                                            |           |
| MATH 262                                  |                                            |           |
| Core-education course in arts and letters |                                            | 4         |
| Core-education course in social science   |                                            | 4         |
| <b>Credits</b>                            |                                            | <b>16</b> |
| <b>Total Credits</b>                      |                                            | <b>48</b> |

| Course                                                                                        | Title                                          | Credits Milestones |
|-----------------------------------------------------------------------------------------------|------------------------------------------------|--------------------|
| <b>Second Year</b>                                                                            |                                                |                    |
| <b>Fall</b>                                                                                   |                                                |                    |
| CS 212                                                                                        | Computer Science III                           | 4                  |
| MATH 231                                                                                      | Elements of Discrete Mathematics I             | 4                  |
| First course of additional science sequence                                                   |                                                | 4                  |
| Core-education course in social science that also satisfies a cultural literacy requirement   |                                                | 4                  |
| <b>Credits</b>                                                                                |                                                | <b>16</b>          |
| <b>Winter</b>                                                                                 |                                                |                    |
| CS 314                                                                                        | Computer Organization                          | 4                  |
| MATH 232                                                                                      | Elements of Discrete Mathematics II            | 4                  |
| Second course of additional science sequence                                                  |                                                | 4                  |
| Core-education course in arts and letters                                                     |                                                | 4                  |
| <b>Credits</b>                                                                                |                                                | <b>16</b>          |
| <b>Spring</b>                                                                                 |                                                |                    |
| CS 322                                                                                        | Introduction to Software Engineering           | 4                  |
| or WR 320                                                                                     | (recommended)                                  |                    |
| or WR 321                                                                                     | or Scientific and Technical Writing            |                    |
| or                                                                                            | or Business Communications                     |                    |
| HC 301H                                                                                       | or Research and Writing: [Topic]               |                    |
| MATH 253                                                                                      | Calculus III                                   | 4                  |
| or                                                                                            | or Calculus with Theory III                    |                    |
| MATH 263                                                                                      | or Elementary Linear Algebra                   |                    |
| or                                                                                            | or Statistical Models and Methods              |                    |
| MATH 341                                                                                      | or Statistical Methods I                       |                    |
| or                                                                                            | or Probability and Statistics for Data Science |                    |
| MATH 343                                                                                      |                                                |                    |
| or                                                                                            |                                                |                    |
| MATH 425                                                                                      |                                                |                    |
| or                                                                                            |                                                |                    |
| MATH 345M                                                                                     |                                                |                    |
| Third course of additional science sequence                                                   |                                                | 4                  |
| Core-education course in arts and letters that also satisfies a cultural literacy requirement |                                                | 4                  |
| <b>Credits</b>                                                                                |                                                | <b>16</b>          |
| <b>Total Credits</b>                                                                          |                                                | <b>48</b>          |

| Course            | Title                        | Credits Milestones |
|-------------------|------------------------------|--------------------|
| <b>Third Year</b> |                              |                    |
| <b>Fall</b>       |                              |                    |
| CS 313            | Intermediate Data Structures | 4                  |

|                                                     |                                                          |           |
|-----------------------------------------------------|----------------------------------------------------------|-----------|
| MATH 253                                            | Calculus III                                             | 4         |
| or                                                  | or Calculus with Theory III                              |           |
| MATH 263                                            | or Elementary Linear Algebra                             |           |
| or                                                  | or Statistical Models and Methods                        |           |
| MATH 341                                            | or Statistical Methods I                                 |           |
| or                                                  | or Probability and Statistics for Data Science           |           |
| MATH 343                                            | Science                                                  |           |
| or                                                  |                                                          |           |
| MATH 425                                            |                                                          |           |
| or                                                  |                                                          |           |
| MATH 345M                                           |                                                          |           |
| WR 320                                              | Scientific and Technical Writing                         | 4         |
| or WR 321                                           | or Business Communications                               |           |
| or                                                  | or Research and Writing: [Topic]                         |           |
| HC 301H                                             | or Introduction to Software                              |           |
| or CS 322                                           | Engineering                                              |           |
| Elective course                                     |                                                          | 4         |
| <b>Credits</b>                                      |                                                          | <b>16</b> |
| <b>Winter</b>                                       |                                                          |           |
| CS 315                                              | Intermediate Algorithms                                  | 4         |
| CS 330                                              | C/C++ and Unix                                           | 4         |
| Upper-division mathematics elective course          |                                                          | 4         |
| Elective course                                     |                                                          | 4         |
| <b>Credits</b>                                      |                                                          | <b>16</b> |
| <b>Spring</b>                                       |                                                          |           |
| CS 415                                              | Operating Systems                                        | 4         |
| Upper-division elective course with CS subject code |                                                          | 4         |
| PHIL 223                                            | Data Ethics (or core-education course in social science) | 4         |
| Elective course                                     |                                                          | 4         |
| <b>Credits</b>                                      |                                                          | <b>16</b> |
| <b>Total Credits</b>                                |                                                          | <b>48</b> |

| Course                                                        | Title                               | Credits   | Milestones |
|---------------------------------------------------------------|-------------------------------------|-----------|------------|
| <b>Fourth Year</b>                                            |                                     |           |            |
| <b>Fall</b>                                                   |                                     |           |            |
| CS 425                                                        | Principles of Programming Languages | 4         |            |
| Upper-division elective course (410-499) with CS subject code |                                     | 4         |            |
| Upper-division elective course                                |                                     | 4         |            |
| <b>Credits</b>                                                |                                     | <b>12</b> |            |
| <b>Winter</b>                                                 |                                     |           |            |
| CS 422                                                        | Software Methodology I              | 4         |            |
| Upper-division elective course (410-499) with CS subject code |                                     | 4         |            |
| Upper-division elective course                                |                                     | 4         |            |
| <b>Credits</b>                                                |                                     | <b>12</b> |            |
| <b>Spring</b>                                                 |                                     |           |            |
| Upper-division elective course with CS subject code           |                                     | 4         |            |
| Upper-division elective course (410-499) with CS subject code |                                     | 4         |            |
| Upper-division elective course                                |                                     | 4         |            |
| <b>Credits</b>                                                |                                     | <b>12</b> |            |
| <b>Total Credits</b>                                          |                                     | <b>36</b> |            |

## Cybersecurity (BS)

Students may be admitted to the major after consultation with an adviser in the Department of Computer Science or with an advisor in Tykeson Hall. Students should seek admission to this major early in their career at the university as the requirements have a number of course dependencies.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Learn essential knowledge and up-to-date techniques in cybersecurity, including those in the main areas of fundamental security concepts and principles, applied cryptography, program security, and system and network security.
- Hone hands-on skills in cybersecurity via computer and network security lab courses and field studies.
- Be able to draw on a broad knowledge and hands-on skills of cybersecurity to design, implement, and test solutions to cybersecurity tasks.
- Understand the wide-ranging effects and interdisciplinary aspects of cybersecurity while attaining proficiency in one or multiple subdomains within the field of cybersecurity.
- Apply and expand foundational knowledge and skills to new problem domains and emerging technologies.
- Possess effective communication and collaboration abilities and express ideas clearly and concisely both orally and in written form.
- Adhere to ethical principles and make well-informed decisions in the field of cybersecurity.

## Cybersecurity Major Requirements

| Code                                                            | Title                                                                        | Credits |
|-----------------------------------------------------------------|------------------------------------------------------------------------------|---------|
| <b>Stage 1</b> All courses must be taken graded.                |                                                                              |         |
| CS 102                                                          | Fundamentals of Computer and Information Security                            | 4       |
| CS 210                                                          | Computer Science I                                                           | 4       |
| CS 211                                                          | Computer Science II                                                          | 4       |
| CS 212                                                          | Computer Science III                                                         | 4       |
| MATH 231                                                        | Elements of Discrete Mathematics I                                           | 4       |
| MATH 232                                                        | Elements of Discrete Mathematics II                                          | 4       |
| <b>Stage 2</b> All courses must be taken graded except for 332. |                                                                              |         |
| CS 313                                                          | Intermediate Data Structures                                                 | 4       |
| CS 314                                                          | Computer Organization                                                        | 4       |
| CS 315                                                          | Intermediate Algorithms                                                      | 4       |
| CS 330                                                          | C/C++ and Unix                                                               | 4       |
| CS 332                                                          | (System and Security Administration Lab) to be submitted for approval soon   | 4       |
| CS 333                                                          | Applied Cryptography                                                         | 4       |
| <b>Stage 3</b> All courses must be taken graded except for 437. |                                                                              |         |
| CS 415                                                          | Operating Systems                                                            | 4       |
| CS 422                                                          | Software Methodology I                                                       | 4       |
| CS 425                                                          | Principles of Programming Languages                                          | 4       |
| CS 432                                                          | Introduction to Networks                                                     | 4       |
| CS 433                                                          | Computer and Network Security                                                | 4       |
| CS 437                                                          | (Computer and Network Security Practicum ) to be submitted for approval soon | 4       |

|                                                                                                                              |                                                                  |            |
|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------|
| <b>Stage-3 depth courses</b>                                                                                                 |                                                                  | <b>8</b>   |
| CS 434                                                                                                                       | Computer and Network Security II                                 |            |
| CS 436                                                                                                                       | Secure Software Development                                      |            |
| J 431                                                                                                                        | Media Structures and Regulation: [Topic]<br>(Computer Crime Law) |            |
| <b>Breadth Courses</b> A maximum of 8 credits may be taken Pass/No Pass.                                                     |                                                                  | <b>16</b>  |
| Any additional stage-3 depth courses                                                                                         |                                                                  |            |
| Any 400-level CS courses and 399                                                                                             |                                                                  |            |
| A maximum number of 8 credits from courses 399, 400M, and 410 may be counted toward the degree                               |                                                                  |            |
| A maximum number of 8 credits from 403 may be counted toward the degree                                                      |                                                                  |            |
| A maximum number of 4 credits from courses 405 and 407 may be counted toward the degree                                      |                                                                  |            |
| CIS 405, 407, 399, 410 repeatable only with different subtitles                                                              |                                                                  |            |
| <b>Writing Requirement: one of the two</b> The course may be taken Pass/No Pass or Graded.                                   |                                                                  | <b>4</b>   |
| WR 320                                                                                                                       | Scientific and Technical Writing                                 |            |
| WR 321                                                                                                                       | Business Communications                                          |            |
| <b>Field Study</b> Over one or multiple terms with totally four (4) credits. The course may be taken Pass/No Pass or Graded. |                                                                  | <b>4</b>   |
| CS 401                                                                                                                       | Research: [Topic]                                                |            |
| CS 404                                                                                                                       | Internship: [Topic]                                              |            |
| CS 406                                                                                                                       | Practicum: [Topic]                                               |            |
| <b>Total Credits</b>                                                                                                         |                                                                  | <b>104</b> |

24 credits from the Computer Science department must be earned in residence at the University of Oregon.

## Computer Science Minor

The minor in computer science introduces the theories and techniques of computer science and develops programming skills that are applicable to the student's major. It is a strong complement to a major in any of the sciences and in other related fields such as multimedia, economics, digital humanities, data science, and more. Students from all majors have found their career opportunities enhanced through the CS minor.

Before enrolling in upper-division courses, students planning a minor in computer science must file an application form with the department. Each student should consult with a CS faculty advisor to plan the minor program.

### Computer Science Minor Requirements

Computer Science I (CS 210), Computer Science II (CS 211), Computer Science III (CS 212), Elements of Discrete Mathematics I (MATH 231), and Elements of Discrete Mathematics II (MATH 232) must be passed with grades of B- or better before students can take the upper-division core courses.

| Code                          | Title                                 | Credits |
|-------------------------------|---------------------------------------|---------|
| <b>Lower-Division Courses</b> |                                       |         |
| CS 210–212                    | Computer Science I-III                | 12      |
| MATH 231–232                  | Elements of Discrete Mathematics I-II | 8       |
| <b>Upper-Division Courses</b> |                                       |         |

|                               |                              |           |
|-------------------------------|------------------------------|-----------|
| CS 313                        | Intermediate Data Structures | 4         |
| <b>Electives</b> <sup>1</sup> |                              | <b>8</b>  |
| <b>Total Credits</b>          |                              | <b>32</b> |

<sup>1</sup> Course numbers less than 410 with departmental permission only

## Computer Information Technology Minor

The minor in computer information technology (CIT) teaches students about the development and management of business databases, computer networks, web applications, and software systems.

### Computer Information Technology Minor

The minor in computer information technology (CIT) prepares students to work with evolving technologies for work environments that require development and management of web applications, databases, computer networks, open-source platforms, and cloud computing. It provides practical experience in understanding the tools and technologies of the computing field. It goes well with majors in the professional schools such as business and journalism and is an excellent match with almost any major on campus.

Before enrolling in CIT upper-division courses, students planning a minor in computer information technology must file an application form with the department. Each student should consult with an assigned CIT faculty advisor to plan the minor program.

Lower-division courses must be completed with grades of B– or better. Upper-division courses must be taken in sequence and are offered only once a year. Upper-division courses must be completed with grades of C– or better.

| Code                          | Title                               | Credits   |
|-------------------------------|-------------------------------------|-----------|
| <b>Lower-Division Courses</b> |                                     |           |
| CS 110                        | Fluency with Information Technology | 4         |
| CS 111                        | Introduction to Web Programming     | 4         |
| CIT 281                       | Web Applications Development I      | 4         |
| <b>Upper-Division Courses</b> |                                     |           |
| CIT 381                       | Database Systems                    | 4         |
| CIT 382                       | Web Applications Development II     | 4         |
| CIT 383                       | Networking Fundamentals             | 4         |
| <b>Total Credits</b>          |                                     | <b>24</b> |

## Computer Science (MS)

### Program's Admission Requirements

Please visit the program's website (<https://scds.uoregon.edu/cs/graduate-programs/masters/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Core Knowledge Breadth: Demonstrate a working knowledge of fundamental theories, research findings, and methodological approaches within Computer Science (Foundations, Systems, Data Science).



- **Core Knowledge Depth:** Demonstrate a deep working knowledge of advanced theories, research findings, and methodological approaches within one of the Computer Science areas of Foundations, Systems, and Data Science.
- **Software Engineering:** Demonstrate a working knowledge of software engineering and development techniques and related hands-on skills.
- **Thesis Option Additional Outcome - Scientific Inquiry:** Achieve a fluency in the scientific literature and the ability to pursue compelling questions within a primary field of research, and (for empirical research studies) achieve proficiency in relevant experimental design, methodology, and data analysis/statistical methods.
- **Thesis Option Additional Outcome - Scientific Communication:** Demonstrate effective written scientific communication skills.

## Master of Science in Computer Science Requirements

| Code                                                                | Title                                             | Credits   |
|---------------------------------------------------------------------|---------------------------------------------------|-----------|
| <b>Breadth Requirement: 12 credits total <sup>1</sup></b>           |                                                   | <b>12</b> |
| CS 621                                                              | Algorithms and Complexity                         |           |
| CS 670                                                              | Data Science                                      |           |
| And one of the following:                                           |                                                   |           |
| CS 630                                                              | Distributed Systems                               |           |
| CS 631                                                              | Parallel Processing                               |           |
| <b>Depth Requirement: Choose one, 12 credits total <sup>1</sup></b> |                                                   | <b>12</b> |
| Each Depth requires three courses, at least one at 600-level        |                                                   |           |
| <b>Foundations Depth</b>                                            |                                                   |           |
| CS 513                                                              | Advanced Data Structures                          |           |
| CS 520                                                              | Automata Theory                                   |           |
| CS 543                                                              | User Interfaces                                   |           |
| CS 545                                                              | Modeling and Simulation                           |           |
| CS 561                                                              | Introduction to Compilers                         |           |
| CS 624                                                              | Structure of Programming Languages                |           |
| <b>Data Science Depth</b>                                           |                                                   |           |
| CS 543                                                              | User Interfaces                                   |           |
| CS 551                                                              | Database Processing                               |           |
| CS 553                                                              | Data Mining                                       |           |
| CS 571                                                              | Introduction to Artificial Intelligence           |           |
| CS 572                                                              | Machine Learning                                  |           |
| CS 573                                                              | Probabilistic Methods for Artificial Intelligence |           |
| CS 600 level course                                                 |                                                   |           |
| <b>Systems Depth</b>                                                |                                                   |           |
| CS 531                                                              | Introduction to Parallel Computing                |           |
| CS 532                                                              | Introduction to Networks                          |           |
| CS 533                                                              | Computer and Network Security                     |           |
| CS 541                                                              | Introduction to Computer Graphics                 |           |
| CS 561                                                              | Introduction to Compilers                         |           |
| CS 630                                                              | Distributed Systems                               |           |
| CS 631                                                              | Parallel Processing                               |           |
| CS 632                                                              | Computer Networks                                 |           |
| CS 633                                                              | Advanced Network Security                         |           |
| <b>Writing Requirement</b>                                          |                                                   | <b>2</b>  |
| CS 640                                                              | Writing in Computer Research                      |           |
| <b>Elective Options: 28 credits total <sup>4</sup></b>              |                                                   | <b>28</b> |

Up to twelve credits in courses outside department in area closely related to professional goals may be used <sup>5</sup>

### Thesis Option <sup>6</sup>

CS 503 Thesis

CS 5XX and CS 6XX: Minimum of 8 graded credits, maximum of 11 P/NP credits

### Non-Thesis Option

CS 609 Terminal Project

CS 5XX and CS 6XX: Minimum of 18 graded credits, maximum of 10 P/NP credits

### DRP Option <sup>8</sup>

CS 601 Research: [Topic]

CS 5XX and CS 6XX: Minimum of 8 graded credits

Completion of the directed research project (DRP) milestone in the CS PhD program and approval from the DRP committee that the project meets the standards of an MS thesis.

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>54</b> |
|----------------------|-----------|

<sup>1</sup> A grade of B- or better is required

<sup>2</sup> Cannot duplicate Depth course used

<sup>3</sup> Cannot duplicate Breadth course used

<sup>4</sup> A grade of C or better is required in graded elective credits

<sup>5</sup> Courses must be approved by petition to the CS GEC; options include courses in linguistics, mathematics, physics, and psychology.

<sup>6</sup> Cannot include CS 609 Final Project

<sup>7</sup> CS 609 Final Project requirements: 8-12 credits; graded or P/NP

<sup>8</sup> No credit of CS 503 (Thesis) or CS 609 (Final Project) may count toward the elective credit requirements

## Grade Requirements

The 24 credits in the breadth courses and the depth courses must be passed with grades of B- or better. Graded elective courses must be passed with grades of C or better. A 3.00 GPA must be maintained for courses taken in the program.

## Master's Thesis

The research option requires a written thesis and 9 to 12 credits in Thesis (CS 503). Thesis research is supervised by a faculty advisor; this advisor and other faculty members constitute the thesis committee. The master's thesis is expected to be scholarly and to demonstrate mastery of the practices of computer science. This option is recommended for students who plan subsequent PhD research.

## Master's Project

The project option requires a minimum of 9 credits, and as many as 12, in Final Project Terminal Project (CS 609).

Under the supervision of a faculty member, the project may entail a group effort involving several master's degree students.

## Computer Science Accelerated Master's Program

Computer Science undergraduate majors at the UO have the opportunity to graduate with B.S. and M.S. Computer Science degrees in a five-year program.

Students with junior or senior status in the Computer Science major who have completed the 300-level required courses and CS 415 (with a grade of A- or better), and have a GPA of 3.50 or higher in computer science and a cumulative GPA of 3.50 or higher, or a GPA of 3.75 or higher in computer science and a cumulative GPA of 3.25 or higher may apply to the Accelerated Master's Program in Computer Science (AMP-CS). This application form is available in the department office.

Interested students should schedule an appointment with the CS Director of Undergraduate Studies before applying. Upon acceptance to AMP-CS, students may take graduate courses to fulfill major requirements that will also fulfill Master's degree requirements, according to UO AMP guidelines, for students admitted to the Computer Science Master's degree program.

AMP-CS students will work closely with undergraduate and graduate advisors to ensure that they are on track to graduate with both degrees. Students who do not maintain satisfactory progress or who choose not to continue to a master's degree can still graduate with a B.S. degree in Computer Science in four years.

## Computer Science Early Start Master's Program

This program is open to students who earn a BS or BA degree in computer science at the University of Oregon and who want to enter the master's degree program.

If a UO undergraduate takes one or two 400-level electives that also are offered as 500-level courses, the student can petition the department to have 4 or 8 credits deducted from the total number of elective credits required for the master's degree. The student must earn an A- or better in the 400-level course and have an overall GPA of 3.50 in upper-division CS courses to participate in this Computer Science Early Start Master's program. Note that all admission procedures, as outlined in the Master's Degree Program section, are also applicable. Applications are available in the department office. This program may be combined with the Computer Science Accelerated Master's Program (described above).

| Code                                         | Title                               | Credits   |
|----------------------------------------------|-------------------------------------|-----------|
| <b>Senior Year Graduate Level Courses</b>    |                                     |           |
| CS 522                                       | Software Methodology I <sup>a</sup> | 4         |
| Three graduate level courses <sup>b, c</sup> |                                     | 12        |
| <b>Total Credits</b>                         |                                     | <b>16</b> |

| Code                                    | Title | Credits   |
|-----------------------------------------|-------|-----------|
| <b>Breadth Requirement <sup>1</sup></b> |       | <b>12</b> |

|        |                           |
|--------|---------------------------|
| CS 621 | Algorithms and Complexity |
| CS 670 | Data Science              |

And one of the following:

|        |                                  |
|--------|----------------------------------|
| CS 630 | Distributed Systems <sup>2</sup> |
| CS 631 | Parallel Processing <sup>3</sup> |

|                                                   |  |           |
|---------------------------------------------------|--|-----------|
| <b>Depth Requirement: Choose one <sup>1</sup></b> |  | <b>12</b> |
|---------------------------------------------------|--|-----------|

Each Depth requires three courses, at least one at 600-level

### Foundations Depth

|        |                           |
|--------|---------------------------|
| CS 513 | Advanced Data Structures  |
| CS 520 | Automata Theory           |
| CS 543 | User Interfaces           |
| CS 545 | Modeling and Simulation   |
| CS 561 | Introduction to Compilers |

|        |                                    |
|--------|------------------------------------|
| CS 624 | Structure of Programming Languages |
|--------|------------------------------------|

### Data Science Depth

|        |                                                   |
|--------|---------------------------------------------------|
| CS 543 | User Interfaces                                   |
| CS 551 | Database Processing                               |
| CS 553 | Data Mining                                       |
| CS 571 | Introduction to Artificial Intelligence           |
| CS 572 | Machine Learning                                  |
| CS 573 | Probabilistic Methods for Artificial Intelligence |

CS 600 level course

### Systems Depth

|        |                                    |
|--------|------------------------------------|
| CS 531 | Introduction to Parallel Computing |
| CS 532 | Introduction to Networks           |
| CS 533 | Computer and Network Security      |
| CS 541 | Introduction to Computer Graphics  |
| CS 561 | Introduction to Compilers          |
| CS 630 | Distributed Systems                |
| CS 631 | Parallel Processing                |
| CS 632 | Computer Networks                  |
| CS 633 | Advanced Network Security          |

### Writing Requirement 2

|        |                              |
|--------|------------------------------|
| CS 640 | Writing in Computer Research |
|--------|------------------------------|

### Elective Options: <sup>4, 5, 6</sup> 12-28

Thesis Option <sup>7</sup>

|        |                           |
|--------|---------------------------|
| CS 503 | Thesis (9-12 credits P/N) |
|--------|---------------------------|

Non-Thesis Option <sup>8</sup>

|        |                             |
|--------|-----------------------------|
| CS 609 | Terminal Project (Optional) |
|--------|-----------------------------|

### Total Credits: 54

- a CS 522 will fulfill an undergraduate major required course requirement (CIS 422) and a master's elective requirement.
- b A maximum of 8 credits of 5/60x courses, with some exclusions, may, with prior approval, be used toward CS major undergraduate requirements and M.S. requirements. CS 503 and other CS 60x courses (e.g., CS 601, 609), when taken for a master's thesis or project (9-16 credits), must be taken as a graduate student.

- c CS 500 and 600 level courses numbered 5/610 or higher and taken for a grade will meet undergraduate CS upper-division elective requirements when taken with a passing grade. CS 500 and 600 level courses numbered 5/610 or higher and taken for a grade and passed with a minimum grade of B will also meet graduate required or elective courses requirements.

<sup>1</sup> A grade of B- or better is required

<sup>2</sup> Cannot duplicate Depth course used

<sup>3</sup> Cannot duplicate Breadth course used

<sup>4</sup> A grade of C or better is required in graded elective credits

<sup>5</sup> Up to 8 graded credits from CS Department Accelerated M.S. may be used. See CS website.

<sup>6</sup> Up to twelve credits in courses outside department in area closely related to professional goals may be used. Courses must be approved by petition to the CS GEC; options include courses in linguistics, mathematics, physics, and psychology.

<sup>7</sup> Cannot include CS 609 Final Project. Note that the Thesis Option requires at least 8 graded elective credits, which may include 500 and 600 level elective courses taken as an undergraduate.

- <sup>8</sup> Optional CS 609 Final Project requirements: 8-12 credits; graded or P/NP. Note that the Non-Thesis Option requires at least 18 graded elective credits, which may include 500 and 600 level elective courses taken as an undergraduate.
- <sup>9</sup> No credit of CS 503 (Thesis) or CS 609 (Final Project) may count toward the elective credit requirements. Note that the DRP Option requires at least 8 graded elective credits, which may include 500 and 600 level elective courses taken as an undergraduate.

## Computer Science (PhD)

The doctor of philosophy in computer science is, above all, a high-quality degree that is not conferred simply for the successful completion of a specified number of courses or years of study. It is a degree reserved for students who demonstrate a comprehensive understanding of computer science and an ability to do creative research. Each PhD student produces a significant piece of original research, presented in a written dissertation and defended in an oral examination.

The PhD program is structured to facilitate the process of learning how to do research. Students begin by taking required courses to build a foundation of knowledge that is essential for advanced research. Early in the program the student gains research experience by undertaking a directed research project under the close supervision of a faculty member and the scrutiny of a faculty committee. In the later stages of the program, students take fewer courses and spend most of their time exploring their dissertation area to learn how to identify and solve open problems. The final steps are to propose an independent research project, do the research, and write and defend a dissertation.

### Admission

Application materials should be submitted by December 15 for the following fall term. Materials include everything required for admission to the master's program as well as a discussion of the anticipated research area.

Students who enter the UO with a master's degree may petition the Graduate Education Committee for credit toward the course requirements listed below, indicating how their prior graduate work corresponds to these courses. See the graduate coordinator for the petition.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Core Knowledge Breadth: Demonstrate a broad working knowledge of fundamental theories, research findings and methodological approaches in multiple content areas within Computer Science (Foundations, Systems, Data Science).
- Core Knowledge Depth: Demonstrate a deep working knowledge of advanced theories, research findings, and methodological approaches within one of the Computer Science areas of Foundations, Systems, and Data Science.
- Software Engineering: Demonstrate a working knowledge of software engineering and development techniques and related hands-on skills.
- Scientific Inquiry: Achieve a deep fluency in the scientific literature and the ability to ask and pursue compelling questions within a primary field of research, and achieve proficiency in relevant experimental design, methodology, and data analysis/statistical methods.

- Scientific Communication: Demonstrate effective oral and written scientific communication skills.

## PhD Course Requirements

| Code                                                                | Title                                             | Credits   |
|---------------------------------------------------------------------|---------------------------------------------------|-----------|
| <b>Breadth Requirement: 12 credits total <sup>1</sup></b>           |                                                   | <b>12</b> |
| CS 621                                                              | Algorithms and Complexity                         |           |
| CS 670                                                              | Data Science                                      |           |
| And one of the following:                                           |                                                   |           |
| CS 630                                                              | Distributed Systems                               |           |
| CS 631                                                              | Parallel Processing                               |           |
| <b>Depth Requirement: Choose one, 12 credits total <sup>1</sup></b> |                                                   | <b>12</b> |
| Each Depth requires three courses, at least one at 600-level        |                                                   |           |
| <b>Foundations Depth</b>                                            |                                                   |           |
| CS 513                                                              | Advanced Data Structures                          |           |
| CS 520                                                              | Automata Theory                                   |           |
| CS 543                                                              | User Interfaces                                   |           |
| CS 545                                                              | Modeling and Simulation                           |           |
| CS 561                                                              | Introduction to Compilers                         |           |
| CS 624                                                              | Structure of Programming Languages                |           |
| <b>Data Science Depth</b>                                           |                                                   |           |
| CS 543                                                              | User Interfaces                                   |           |
| CS 553                                                              | Data Mining                                       |           |
| CS 571                                                              | Introduction to Artificial Intelligence           |           |
| CS 572                                                              | Machine Learning                                  |           |
| CS 573                                                              | Probabilistic Methods for Artificial Intelligence |           |
| CS 6XX                                                              | TBA                                               |           |
| <b>Systems Depth</b>                                                |                                                   |           |
| CS 531                                                              | Introduction to Parallel Computing                |           |
| CS 532                                                              | Introduction to Networks                          |           |
| CS 533                                                              | Computer and Network Security                     |           |
| CS 541                                                              | Introduction to Computer Graphics                 |           |
| CS 561                                                              | Introduction to Compilers                         |           |
| CS 630                                                              | Distributed Systems                               |           |
| CS 631                                                              | Parallel Processing                               |           |
| CS 632                                                              | Computer Networks                                 |           |
| CS 633                                                              | Advanced Network Security                         |           |
| <b>Writing Requirement</b>                                          |                                                   | <b>2</b>  |
| CS 640                                                              | Writing in Computer Research                      |           |
| <b>Elective Options: 24 credits total</b>                           |                                                   | <b>24</b> |
| <b>Total Credits</b>                                                |                                                   | <b>50</b> |

- <sup>1</sup> A grade of B- or better is required
- <sup>2</sup> Cannot duplicate Depth course used
- <sup>3</sup> Cannot duplicate Breadth course used
- <sup>4</sup> A grade of C or better is required in graded elective credits

## PhD Degree Requirements

PhD candidates who enter the program without a master's degree in computer science must take 48 credits in graduate course work including the core and cluster courses required for the MS program. Doctoral

students must earn a minimum grade of B– and an overall GPA of 3.50 in the six courses they use to satisfy the breadth and depth requirements.

## Minimum Annual Enrollment

PhD students are expected to enroll in at least 6 credits of 600-level course work each year until their advancement to candidacy. Research: [Topic] (CS 601), Dissertation (CS 603), and Reading Conference: [Topic] (CS 605) do not satisfy this requirement. After candidacy, PhD students are encouraged to continue participation in 600-level courses

## Directed Research Project

Complete a directed research project, which is supervised by a faculty member and evaluated by a faculty committee. The research project comprises the following:

1. The definition and expected results of the project in the form of a Directed Research Project Contract
2. Delivery of the materials constituting the results of the project and oral presentation of the results
3. A private oral examination by the committee members

## Status Change

PhD candidates are admitted conditionally. Successful completion of the directed research project leads to a change in the student's doctoral status from conditional to unconditional.

## Dissertation Advisory Committee

After successfully completing the directed research project, PhD students form a Dissertation Advisory Committee chaired by their research advisor. The main role of the committee is to advise the student between completion of the research project and mounting the dissertation defense. The committee takes primary responsibility for evaluating student progress. In addition, it approves the plan for the area examination, which in turn is approved by the graduate education committee. See the graduate coordinator for further instructions.

## Area Examination

The student chooses an area of research and works closely with an advisor to learn the area in depth by surveying the current research and learning research methods, significant achievements, and how to pose and solve problems. The student gradually assumes a more independent role and prepares for the area examination, which tests depth of knowledge in the research area. The examination contains the following:

1. A survey of the area in the form of a position paper and an annotated bibliography
2. A public presentation of the position paper
3. A private oral examination by committee members

## Advancement to Candidacy

After the area examination, the committee decides whether the student is ready for independent research work; if so, the student is advanced to candidacy.

## Dissertation and Defense

Identify a significant unsolved research problem and submit a written dissertation proposal to the dissertation committee. The dissertation committee, comprising three department members and one member from an outside department, is approved by the graduate education

committee. In addition to these four, the dissertation committee often includes a fifth examiner. This outside examiner should be a leading researcher in the candidate's field who is not at the University of Oregon. The outside member should be selected a year before the candidate's dissertation defense, and no later than six months before.

The student submits a written dissertation proposal to the committee for approval, and the proposal is then submitted to the graduate education committee. The proposal presents the research problems to be tackled, related research, methodology, anticipated results, and work plan. The committee may request an oral presentation, similar to the area exam, which allows the student to explain and answer question about the proposed research. The student then carries out the research.

The final stage is writing a dissertation and defending it in a public forum by presenting the research and answering questions about the methods and results. The dissertation committee may accept the dissertation, request small changes, or require the student to make substantial changes and schedule another defense

## Division of Graduate Studies Requirements

PhD students must meet the requirements set by the Division of Graduate Studies as listed in that section of this catalog

## Research Areas

It is important that a PhD student be able to work effectively with at least one dissertation advisor. Hence the student should identify, at an early stage, one or more areas of research to pursue. The student should also find a faculty member with similar interests to supervise the dissertation.

## Data Science

### Bill Cresko

*Executive Director for the Data Science Initiative*  
*Professor of Biology*  
 541-346-4779

The volume, rate, and importance of data is growing exponentially, with more data being created in the past two years than in all history combined. At the University of Oregon we're bringing our strengths as a liberal arts university to the field – to not only ask what can we do with data – but what should we do.

As a data science major at the UO, you will learn key computational, statistical, and inferential data science skills side-by-side with applied knowledge in one of 10 different areas: accounting analytics, biology, earth science, economics, geography, linguistics, marketing analytics, music technology, physics, and sociology. Our unique interdisciplinary program teaches you how to extract knowledge and insight from data, empowering you to make decisions earlier, faster, better. When you graduate, your understanding of applied data science techniques, framed within the liberal arts, will help launch you directly into the workforce.

Students may earn a bachelor of arts (BA) or a bachelor of science (BS) degree.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:



- Demonstrate the ability to assess data set quality, identifying and rectifying potential errors in such a way so as to lead to statistically meaningful derived information.
- Visualize complex data sets using descriptive statistics and graphs.
- Demonstrate understanding of basic regression, optimization, prediction, simulation, and visualization methods.
- Use critical thinking skills to translate substantive questions into well-defined statistical or probability problems and choose the appropriate graphical or numerical descriptive and/or inferential statistical techniques for a given problem, leading to actionable, valid, and meaningful conclusions.
- Develop successful strategies for formulating and testing hypotheses about data.
- Demonstrate an understanding of ethical, legal, societal, and economic concerns.
- Apply fundamental concepts of data science (data management, statistical prediction and inference, experimental design, etc.) to applications specific to the chosen specialization domain.

## Data Science Geography Concentration Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Exhibit a general understanding of the geographic and mathematical foundations of spatial data science and technologies.
- Demonstrate knowledge of the geographic context of technology infrastructure, geographic data needs, and technology interface design and therefore have the potential to contribute to the development of geospatial data and technologies.
- Understand the societal implications of geospatial data and technologies, including issues surrounding privacy and security of individual-level data containing locational information, the types of inequalities that certain geospatial technologies produce, and the role that geospatial technologies play in humanitarian crises.
- Utilize geospatial data and technologies for collecting data, employ analytical and visualization methods for interpreting such data, and communicate effectively to a range of audiences.

## Data Science Major Requirements

The data science curriculum combines general principles with domain-specific application. The curriculum is sub-divided into the following categories with the corresponding requirements:

| Code                                            | Title                                                               | Credits |
|-------------------------------------------------|---------------------------------------------------------------------|---------|
| <b>Data Science Core Courses</b>                |                                                                     |         |
| DSCI 101                                        | Foundations of Data Science I                                       | 4       |
| DSCI 102                                        | Foundations of Data Science II                                      | 4       |
| DSCI 311                                        | Principles and Techniques of Data Science                           | 4       |
| Data Science Capstone Project                   |                                                                     | 4       |
| <b>Foundations in Mathematics and Computing</b> |                                                                     |         |
| CS 210 & CS 211 & CS 212                        | Computer Science I and Computer Science II and Computer Science III | 12      |
| MATH 251 & MATH 252                             | Calculus I and Calculus II                                          | 8       |
| MATH 341 & MATH 342                             | Elementary Linear Algebra and Elementary Linear Algebra             | 8       |

|                                               |                                                                      |              |
|-----------------------------------------------|----------------------------------------------------------------------|--------------|
| <b>Probability</b>                            |                                                                      |              |
| DSCI/MATH 345M                                | Probability and Statistics for Data Science                          | 4            |
| <b>Modeling, Learning and Decision Making</b> |                                                                      |              |
| DSCI/CS 372M                                  | Machine Learning for Data Science                                    | 4            |
| <b>Ethics Course</b>                          |                                                                      |              |
| PHIL 223                                      | Data Ethics                                                          | 4            |
| <b>Computational and Inferential Depth</b>    |                                                                      |              |
| Select three courses from the list below:     |                                                                      | 12           |
| CS 314                                        | Computer Organization                                                |              |
| CS 322                                        | Introduction to Software Engineering                                 |              |
| CS 330                                        | C/C++ and Unix                                                       |              |
| CS 333                                        | Applied Cryptography                                                 |              |
| CS 415                                        | Operating Systems                                                    |              |
| CS 432                                        | Introduction to Networks                                             |              |
| MATH 253                                      | Calculus III                                                         |              |
| MATH 307                                      | Introduction to Proof                                                |              |
| MATH 461                                      | Introduction to Mathematical Methods of Statistics I                 |              |
| MATH 462                                      | Introduction to Mathematical Methods of Statistics II                |              |
| MATH 463                                      | Mathematical Methods of Regression Analysis and Analysis of Variance |              |
| MATH 458                                      | Introduction to Mathematical Cryptography                            |              |
| <b>Domain Emphasis</b>                        |                                                                      | <b>22-28</b> |
| <b>Total Credits</b>                          |                                                                      | <b>90-96</b> |

### Domain Emphasis

The domain emphasis consists of completing 2-3 courses (8-12 credits) in the domain core, followed by a minimum of 4 courses (16 credits) of domain specialization. For each domain emphasis, a curated list of courses has been developed for both the core and specialization component. Please see the Concentrations tab (p. 232) for a detailed list of courses that satisfy each available domain emphasis.

An essential aspect of the degree in data science is that data science majors develop critical competencies in a domain emphasis of their choosing. The domain emphasis consists of completing 2-3 courses (8-12 credits) in the domain core, followed by a minimum of 3 courses (12 credits) of domain specialization. For each domain emphasis, a curated list of courses has been developed for both the core and specialization component.

Currently, domain emphases have been established for biology, geography, accounting analytics, marketing analytics, and linguistics. The curated list of domain core and domain specialization courses for each domain is outlined below.

- Accounting Analytics (p. 233)
- Biology (p. 233)
- Cultural Analytics (p. 233)
- Earth Sciences (p. 233)
- Economics (p. 234)
- Geography (p. 234)
- Linguistics (p. 234)
- Marketing Analytics (p. 234)



- Music Technology (p. 235)
- Physics (p. 235)
- Sociology (p. 235)

## Data Science Domain - Accounting Analytics

Data has proliferated in business as organizations generate large volumes of information within their day to day operations while increasingly having access to externally created information as well.

Data science applied to accounting data can help organizations understand the implications for decision-making and provide better insights. You might delve into company sales data, purchasing data, contracts, or company disclosures to help solve a variety of business problems.

In the data science domain area of accounting analytics, you will learn to search for relationships between different variables and outcomes they influence, driving business decisions and informing success.

| Code                                    | Title                                                                 | Credits   |
|-----------------------------------------|-----------------------------------------------------------------------|-----------|
| <b>Core Courses:</b>                    |                                                                       |           |
| BA 101                                  | Introduction to Business                                              | 4         |
| BA 215                                  | Accounting: Language of Business Decisions                            | 4         |
| EC 201                                  | Introduction to Economic Analysis: Microeconomics                     | 4         |
| <b>Required</b>                         |                                                                       |           |
| BA 240                                  | Spreadsheet Analysis and Visualization                                | 4         |
| ACTG 350                                | Intermediate Accounting I                                             | 4         |
| <b>Take two out the following three</b> |                                                                       | <b>8</b>  |
| ACTG 410                                | Experimental Course: [Topic] (Accounting Data and Analytics)          |           |
| ACTG 410                                | Experimental Course: [Topic] (Accounting Data and Analytics Capstone) |           |
| OBA 410                                 | Experimental Course: [Topic] (Predictive Analytics)                   |           |
| <b>Total Credits</b>                    |                                                                       | <b>28</b> |

## Data Science Domain - Biology

Recent technological breakthroughs in DNA sequencing mean that scientists can characterize an organism's entire genome in a matter of days. But a great challenge remains in translating that genomic sequence — nature's data set — into biology.

That translation is fundamentally changing how we study biology.

In the data science domain area of biology, you will find yourself on the cutting edge of the field, working in the acquisition, analysis, and interpretation of data and how it applies to gene function, disease, microbial ecology, and the assembly and characterization of new genomes.

| Code                 | Title                         | Credits |
|----------------------|-------------------------------|---------|
| <b>Core Courses:</b> |                               |         |
| BI 211               | General Biology I: Cells      | 4       |
| BI 212               | General Biology II: Organisms | 4       |

|                              |                                                                       |           |
|------------------------------|-----------------------------------------------------------------------|-----------|
| BI 213                       | General Biology III: Ecology and Evolution                            |           |
| Select four of the following |                                                                       | 16        |
| BI 320                       | Molecular Genetics                                                    |           |
| BI 360                       | Neurobiology                                                          |           |
| BI 370                       | Ecology                                                               |           |
| BI 399                       | Special Studies: [Topic] (Computational Genomics)                     |           |
| BI 399                       | Special Studies: [Topic] (Modeling in Biology: Deterministic Models)  |           |
| BI 410                       | Experimental Course: [Topic] (Data Management and Visualization)      |           |
| BI 410                       | Experimental Course: [Topic] (Modeling in Biology: Stochastic Models) |           |
| BI 410                       | Experimental Course: [Topic] (Neural Data Analysis)                   |           |
| BI 471                       | Population Ecology                                                    |           |
| DSCI 411                     | Capstone Project                                                      |           |
| <b>Total Credits</b>         |                                                                       | <b>26</b> |

## Data Science Domain - Cultural Analytics

| Code                             | Title                                             | Credits   |
|----------------------------------|---------------------------------------------------|-----------|
| <b>Core Courses - choose 3</b>   |                                                   | <b>12</b> |
| COLT 301                         | Approaches to Comparative Literature              |           |
| COLT 305                         | Cultural Studies                                  |           |
| HUM 300                          | Themes in the Humanities                          |           |
| ENG 303                          | Foundations of the English Major: Text            |           |
| ENVS 203                         | Introduction to Environmental Studies: Humanities |           |
| FLR 250                          | Introduction to Folklore                          |           |
| <b>Upper division - required</b> |                                                   | <b>4</b>  |
| LIB/DSCI 350M                    |                                                   |           |
| <b>Electives - choose 3</b>      |                                                   | <b>12</b> |
| ENG 250                          | Literature and Digital Culture                    |           |
| ENG 470                          | Technologies and Texts Capstone                   |           |
| ENG/CINE 486M                    | New Media and Digital Culture: [Topic]            |           |
| FLR 495                          | Folklore Fieldwork                                |           |
| J 429                            | Media Technologies and Society: [Topic]           |           |
| PHIL 123                         | Internet, Society, and Philosophy                 |           |
| PHIL 423                         | Technology Ethics: [Topic]                        |           |
| <b>Total credits</b>             |                                                   | <b>28</b> |

## Data Science Domain - Earth Sciences

| Code                          | Title                           | Credits |
|-------------------------------|---------------------------------|---------|
| <b>Core Courses:</b>          |                                 |         |
| ERTH 202                      | Earth's Surface and Environment | 4       |
| PHYS 201                      | General Physics                 | 4       |
| or PHYS 251                   | Foundations of Physics I        |         |
| ERTH 315                      | Earth Physics                   | 4       |
| Choose four of the following: |                                 | 15-16   |
| ERTH 353                      | Geologic Hazards                |         |
| ERTH 415                      | Field Geophysics                |         |

|                              |                         |              |
|------------------------------|-------------------------|--------------|
| ERTH 438                     | Geobiology              |              |
| ERTH 441                     | Hillslope Geomorphology |              |
| ERTH 453                     | Tectonics               |              |
| ERTH 454                     | Fluid Dynamics          |              |
| ERTH 455                     | Mechanical Earth        |              |
| ERTH 467                     | Fault Mechanics         |              |
| Data Science Capstone Course |                         |              |
| <b>Total Credits</b>         |                         | <b>27-28</b> |

## Data Science Domain - Economics

| Code                             | Title                                             | Credits   |
|----------------------------------|---------------------------------------------------|-----------|
| Core Courses:                    |                                                   |           |
| EC 201                           | Introduction to Economic Analysis: Microeconomics | 4         |
| EC 311                           | Intermediate Microeconomic Theory                 | 4         |
| EC 320                           | Introduction to Econometrics I                    | 4         |
| EC 421                           | Introduction to Econometrics II                   | 4         |
| Choose three from the following: |                                                   | 12        |
| EC 422                           | Economic Forecasting                              |           |
| EC 428                           | Behavioral and Experimental Economics             |           |
| EC 434                           | Environmental Economics                           |           |
| EC 443                           | Health Economics                                  |           |
| EC 451                           | Issues in Labor Economics                         |           |
| EC 460                           | Theories of Industrial Organization               |           |
| EC 482                           | Economics of Globalization                        |           |
| EC 490                           | Economic Growth and Development                   |           |
| <b>Total Credits</b>             |                                                   | <b>28</b> |

## Data Science Domain - Geography

Spatial data is integrated into our everyday lives and employed in a range of professions. We are all integrated into a complex web of movement, place, and discovery, whether we're navigating across town or interpreting maps of election results.

UO geographers use spatial data technologies to focus on remote sensing of the changing environment, climate-change analysis, web-mapping, cartography and data visualization, spatial cognition, and spatial patterns in public health.

In the data science domain area of geography, you will be studying how spatial data can revolutionize business, nonprofit, and government worlds.

| Code                         | Title                  | Credits |
|------------------------------|------------------------|---------|
| Core Courses:                |                        |         |
| GEOG 181                     | Our Digital Earth      | 4       |
| GEOG 281                     | The World and Big Data | 4       |
| GEOG 481                     | GIScience I            | 4       |
| Select four of the following |                        | 16      |
| GEOG 482                     | GIScience II           |         |
| GEOG 485                     | Remote Sensing I       |         |
| GEOG 486                     | Remote Sensing II      |         |
| GEOG 490                     | GIScience: [Topic]     |         |

|                      |                                         |           |
|----------------------|-----------------------------------------|-----------|
| GEOG 491             | Advanced Geographic Information Systems |           |
| GEOG 493             | Advanced Cartography                    |           |
| GEOG 498             | Geospatial Project Design               |           |
| DSCI 411             | Capstone Project                        |           |
| <b>Total Credits</b> |                                         | <b>28</b> |

## Data Science Domain - Linguistics

Usage-based linguistics studies language as a dynamic, constantly changing system. Much of this work involves working with large collections of text or speech – referred to as “corpora.” Examples of readily available real-world corpora include Amazon product reviews and collections of Twitter messages.

Linguists use corpora to help identify patterns and structures in language, providing insights into how we both acquire and lose language skills, how language use varies across people and contexts, and how real-life speech and language evolve.

In the data science domain area of linguistics, you will learn methods to identify linguistic structures within corpora, glean new insights while using the best and latest practices in the field. These methods will allow you to answer basic science questions as well as questions that are of interest to marketing firms, political consulting groups, or other commercial enterprises. So, for example, you can use the knowledge you acquire in the linguistics domain to explore how the use of a word like “cool” has changed over time (a basic science question) or to identify linguistic strategies associated with leading positive product reviews for different product types (a marketing question).

| Code                         | Title                                | Credits   |
|------------------------------|--------------------------------------|-----------|
| Core Courses:                |                                      |           |
| LING 301                     | Introduction to Linguistics Analysis | 8         |
| LING 302                     | Introduction to Linguistic Behavior  |           |
| Electives:                   |                                      | 16        |
| LING 435                     | Morphology and Syntax                |           |
| LING 451                     | Functional Syntax I                  |           |
| LING 493                     | Corpus Linguistics                   |           |
| Data Science Capstone Course |                                      |           |
| <b>Total Credits</b>         |                                      | <b>24</b> |

## Data Science Domain - Marketing Analytics

Marketing analytics is the practice of measuring, managing, and analyzing marketing performance to maximize effectiveness and optimize return on investment. Data science applied to marketing data can help a business predict consumer behavior, improve decision-making, and gauge the success of marketing investments.

For example, machine learning and statistical techniques can be used to classify data and detect patterns that might predict a campaign's success.

In the data science domain area of marketing analytics, you will learn how to see the future, through the lens of both existing and new methods of predictive analytics.

| Code                       | Title                                             | Credits   |
|----------------------------|---------------------------------------------------|-----------|
| Core Courses:              |                                                   |           |
| BA 101                     | Introduction to Business                          | 4         |
| BA 215                     | Accounting: Language of Business Decisions        | 4         |
| EC 201                     | Introduction to Economic Analysis: Microeconomics | 4         |
| Required                   |                                                   |           |
| BA 240                     | Spreadsheet Analysis and Visualization            | 4         |
| BA 317                     | Marketing: Creating Value for Customers           | 4         |
| MKTG 390                   | Marketing Research                                | 4         |
| Pick one of the following: |                                                   |           |
| MKTG 415                   | Marketing Analytics                               | 4         |
| OBA 410                    | Experimental Course: [Topic]                      | 4         |
| <b>Total Credits</b>       |                                                   | <b>28</b> |

## Data Science Domain - Music Technology

| Code                      | Title                                                  | Credits      |
|---------------------------|--------------------------------------------------------|--------------|
| Core Courses              |                                                        |              |
| MUS 227                   | Elements of Electronic Music                           | 4            |
| MUS 447                   | Digital Audio and Sound Design (Core)                  | 4            |
| MUS 470                   | History of Electroacoustic Music                       | 3            |
| Upper division - required |                                                        |              |
| MUS 448                   | Interactive Media Performance                          | 3            |
| MUS 479                   | Data Sonification                                      | 4            |
| Upper division - choose 2 |                                                        |              |
| MUS 360                   | Hip-Hop Music: History, Culture, Aesthetics (Elective) | 6-8          |
| MUS 445                   | Electronic Composition                                 |              |
| MUS 476                   | Digital Audio Workstation Techniques I                 |              |
| MUS 483                   | Audio Effects Theory and Design                        |              |
| <b>Total Credits</b>      |                                                        | <b>24-26</b> |

## Data Science Domain - Physics

| Code                           | Title                                            | Credits      |
|--------------------------------|--------------------------------------------------|--------------|
| Core Courses:                  |                                                  |              |
| PHYS 251                       | Foundations of Physics I                         | 4            |
| PHYS 253                       | Foundations of Physics I                         | 4            |
| PHYS 290                       | Foundations of Physics Laboratory                | 1            |
| PHYS 391                       | Physics Experimentation Data Analysis Laboratory | 4            |
| Choose three of the following: |                                                  |              |
| PHYS 432                       | Digital Electronics                              |              |
| PHYS 481                       | Design of Experiments                            |              |
| PHYS 491                       | Research Project I                               |              |
| Data Science Capstone Project  |                                                  |              |
| <b>Total Credits</b>           |                                                  | <b>23-25</b> |

## Data Science Domain - Sociology

| Code                           | Title                                      | Credits   |
|--------------------------------|--------------------------------------------|-----------|
| Core Courses:                  |                                            |           |
| SOC 204                        | Introduction to Sociology                  | 4         |
| SOC 310                        | Social Theory                              | 4         |
| SOC 311                        | Research Methods                           | 4         |
| SOC 412                        | Sociological Research Methods              | 4         |
| SOC 413                        | Sociological Research Methods              | 4         |
| Choose two from the following: |                                            |           |
| SOC 370                        | Urban Sociology                            | 4         |
| SOC 380                        | Introduction: Deviance, Control, and Crime | 4         |
| SOC 416                        | Issues in Environmental Sociology [Topic]  | 4         |
| SOC 442                        | Issues in Urban Sociology: [Topic]         | 4         |
| SOC 445                        | Sociology of Race and Ethnicity: [Topic]   | 4         |
| SOC 451                        | Social Stratification                      | 4         |
| SOC 465                        | Political Sociology                        | 4         |
| SOC 467                        | Economic Sociology                         | 4         |
| <b>Total Credits</b>           |                                            | <b>28</b> |

## Earth Sciences

### Samantha Hopkins, Department Head

541-346-5976  
100 Cascade Hall  
1272 University of Oregon  
Eugene, Oregon 97403-1272

### Faculty

Ilya N. Bindeman, professor (stable isotope geochemistry, volcanology). BS, 1988, Moscow; PhD, 1998, Chicago. (2004)

Edward B. Davis, associate professor (vertebrate paleontology). BS, 1999, Tennessee, Knoxville; PhD, 2005, California, Berkeley. (2013)

Rebecca J. Dorsey, professor (sedimentology, basin analysis). BS, 1983, Vermont; MA, 1986, PhD, 1989, Princeton. (1997)

Josef Dufek, professor (volcanology). BS, 2000, Chicago; MS, 2004, PhD, 2006, Washington (Seattle). (2017)

Brittany Erickson, assistant professor (computational science). PhD, 2010, Santa Barbara (2018)

Thomas Giachetti, assistant professor (volcanology). MS, 2006, PhD, 2010, Université Blaise Pascal, Clermont-Ferrand. (2015)

Emilie Hooft Toomey, associate professor (marine geophysics). BSc, 1990, Trinity College, Toronto; PhD, 1997, Massachusetts Institute of Technology and Woods Hole Oceanographic Institution. (1999)

Samantha Hopkins, associate professor (paleontology). See **Robert Donald Clark Honors College**.

Qusheng Jin, associate professor (biogeoscience). BS, 1994, Nanjing; MS, 1997, Chinese Academy of Sciences; PhD, 2003, Illinois, Urbana-Champaign. (2005)

Leif A. Karlstrom, assistant professor (volcanology, geomorphology, fluid mechanics). BS, 2006, Oregon; PhD, 2011, California, Berkeley. (2011)

Diego Melgar, assistant professor (earthquake seismology, tsunamis, geodetic imaging). BEng., 2009, Universidad Nacional Autonoma de Mexico; MS, 2010, PhD, 2014, Scripps College. (2017)

Marli B. Miller, senior instructor (structural geology). BA, 1982, Colorado College; MS, 1987, PhD, 1992, Washington (Seattle). (1997)

Matthew Polizzotto, associate professor (soil and environmental hydrogeochemistry). BS, BA, 2001, Rochester; PhD, 2007, Stanford. (2016)

Alan W. Rempel, professor (geomechanics and applied mathematics). BASc, 1991, MSc, 1995, British Columbia; PhD, 2001, Cambridge. (2004)

Gregory J. Retallack, professor (paleobotany, paleosols). BA, 1973, Macquarie; PhD, 1978, New England University, Australia. (1981)

Joshua J. Roering, professor (surface processes, geomorphology). BS, 1994, MS, 1995, Stanford; PhD, 2000, California, Berkeley. (2000)

Valerie Sahakian, assistant professor (tectonics, ground seismology, marine geophysics). BS, 2009, Rhode Island; MS, 2010, PhD, 2015, Scripps College. (2018)

David A. Sutherland, associate professor (physical oceanography). BA, 2001, North Carolina, Wilmington; PhD, 2008, Massachusetts Institute of Technology and Woods Hole Oceanographic Institution. (2011)

Amanda M. Thomas, associate professor (earthquake seismology and fault mechanics). BS, 2007, Georgia Institute of Technology; PhD, 2012, California, Berkeley. (2015)

Douglas R. Toomey, professor (seismology, tectonics, midocean ridges). BS, 1981, Pennsylvania State; PhD, 1987, Massachusetts Institute of Technology and Woods Hole Oceanographic Institution. (1990)

Meredith Townsend, assistant professor (volcanology). BS, 2011, Washington and Lee, PhD, 2017, Stanford (2019)

Paul J. Wallace, professor (igneous petrology, volcanology, geochemistry). BS, 1986, George Washington University; PhD, 1991, California, Berkeley. (2001)

James M. Watkins, associate professor (experimental petrology, geochemistry, volcanology). BS, 2005, Wisconsin, Eau Claire; PhD, 2010, California, Berkeley. (2012)

#### Research Staff

Andrew Hadlock, research assistant. BS, 2018, Florida (2019)

Sara Meyer, field technician. BS, 2010, California, Santa Cruz; IT specialist certification, 2015, Alaska, Fairbanks. (2017)

Leland O'Driscoll, seismic field technician. PhD, 2012, Oregon (2015)

James Palandri, research associate. PhD, 2000, Oregon. (2001)

Silas Thoms, research assistant. BS, 2019, Oregon State (2019)

Lucy Walsh, research assistant. MS, 2012, Oregon. (2017)

## Emeriti

Eugene D. Humphreys, professor (seismology, regional tectonics). BS, 1974, MS, 1978, California, Riverside; PhD, 1985, California Institute of Technology. (1985)

A. Dana Johnston, professor (experimental petrology, geochemistry). BS, 1976, Bates; MS, 1978, PhD, 1983, Minnesota. (1986)

M. Allan Kays, professor emeritus. BA, 1956, Southern Illinois; MA, 1958, PhD, 1960, Washington (St. Louis). (1961)

William N. Orr, professor emeritus. BS, 1961, Oklahoma; MA, 1963, California, Riverside and Los Angeles; PhD, 1967, Michigan State. (1967)

Mark H. Reed, professor (mineral deposits, aqueous geochemistry). BA, 1971, Carleton; MS, 1974, PhD, 1977, California, Berkeley. (1979)

Jack M. Rice, professor emeritus. AB, 1970, Dartmouth College; MS, 1972, PhD, 1975, Washington (Seattle). (1977)

Norman M. Savage, professor emeritus. BSc, 1959, Bristol; PhD, 1968, Sydney. (1971)

Ray J. Weldon, professor (neotectonics, structural and quaternary geology). BA, 1977, Pomona; PhD, 1986, California Institute of Technology. (1987)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Major - Bachelor's Degree

- Earth Sciences (BA/BS) (p. 236)

### Minor

- Earth Sciences (p. 246)

## Graduate Programs

### Major - Master's Degree

- Earth Sciences (MS) (p. 246)

### Major - Doctoral Degree

- Earth Sciences (PhD) (p. 247)

## Earth Sciences (BA/BS)

Students in the Department of Earth Sciences learn about the minerals, rocks, soils, and waters that make up the earth, and the processes that shape the earth from deep in its interior to the atmosphere. Earth science applies the basic sciences of physics, biology, chemistry, and mathematics to understanding processes that have shaped the earth and other planetary bodies. Earth scientists combine field investigations with laboratory experiments and theoretical studies to understand the physical, chemical and biological processes that govern the behavior and interactions of complex earth systems.

Earth science applications include natural hazards such as earthquakes, floods, landslides and volcanic eruptions that affect humans. Other subdisciplines investigate how humans alter the earth's environments, where we pollute rivers and ground water, cause rapid erosion, attempt

to re-engineer rivers and shorelines, and alter the earth's atmosphere, oceans, and global climate. Earth science research also includes the study of the deep earth to understand processes that drive the motions of tectonic plates and generate the earth's magnetic field.

## Environmental Geoscience Track

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency with modern quantitative tools that are used in the Earth sciences.
- When confronted with real-world Earth science problems, develop and test hypotheses in a systematic way while stating caveats and assumptions.
- Recognize, describe, and quantify dynamic processes that operate on the Earth's surface environments, as well as the interaction of humans with these environments. \

#### Geology Track

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency with modern quantitative tools that are used in the Earth sciences.
- When confronted with real-world Earth science problems, develop and test hypotheses in a systematic way while stating caveats and assumptions.
- Use techniques from modern earth science disciplines to solve complex problems across a diversity of scales through time and space that require consistent geological reasoning.

## Geophysics Track

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency with modern quantitative tools that are used in the Earth Sciences.
- When confronted with real-world Earth science problems, develop and test hypotheses in a systematic way while stating caveats and assumptions.
- Develop a foundation in mathematics and physics that enables them to quantitatively describe key aspects of fundamental Earth processes.

## Paleontology Track

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency with modern quantitative tools that are used in the Earth sciences.
- When confronted with real-world Earth science problems, develop and test hypotheses in a systematic way while stating caveats and assumptions.
- Demonstrate proficiency with the tools and techniques necessary to recognize geological evidence and reconstruct geological history

for biological processes that have driven the evolution of life, as preserved in fossils extracted from ancient rocks.

- Geology (p. 237)
- Geophysics (p. 238)
- Environmental Geoscience (p. 239)
- Paleontology (p. 240)

## Earth Sciences Major - Geology Track

| Code                              | Title                                                                                             | Credits    |
|-----------------------------------|---------------------------------------------------------------------------------------------------|------------|
| <b>Core Courses</b>               |                                                                                                   |            |
| ERTH 101 & ERTH 102 & ERTH 103    | Exploring Planet Earth and Exploring Earth's Environment and Exploring Earth History <sup>1</sup> | 12         |
| or ERTH 201 & ERTH 202 & ERTH 203 | Dynamic Planet Earth and Earth's Surface and Environment and History of Life                      |            |
| PHYS 201–202                      | General Physics                                                                                   | 8          |
| or PHYS 251 & PHYS 252            | Foundations of Physics I and Foundations of Physics I                                             |            |
| CH 221–222                        | General Chemistry                                                                                 | 8          |
| or CH 224H–225H                   | Honors General Chemistry                                                                          |            |
| MATH 251–252                      | Calculus I-II                                                                                     | 8          |
| ERTH 315                          | Earth Physics                                                                                     | 4          |
| ERTH 316                          | Introduction to Hydrogeology                                                                      | 4          |
| ERTH 318                          | Introduction to Field Methods                                                                     | 3          |
| ERTH 418                          | Earth and Environmental Data Analysis                                                             | 4          |
| or MATH 253                       | Calculus III                                                                                      |            |
| or MATH 343                       | Statistical Models and Methods                                                                    |            |
| or MATH 425                       | Statistical Methods I                                                                             |            |
| ERTH 363                          | Computational Tools for Earth Sciences                                                            | 4          |
| or CS 122                         | Introduction to Programming and Problem Solving                                                   |            |
| <b>Additional Requirements</b>    |                                                                                                   |            |
| ERTH 331                          | Mineralogy                                                                                        | 5          |
| ERTH 332                          | Introduction to Petrology                                                                         | 5          |
| ERTH 334                          | Sedimentology and Stratigraphy                                                                    | 4          |
| ERTH 350 & ERTH 351 & ERTH 352    | Structural Geology and Structural Geology Problems and Structural Geology Laboratory and Field    | 5          |
| <b>Field Studies:</b>             |                                                                                                   | <b>12</b>  |
| ERTH 406                          | Field Studies: [Topic]                                                                            |            |
| <b>Electives</b>                  |                                                                                                   |            |
| See Electives table for choices   |                                                                                                   | 20         |
| <b>Total Credits</b>              |                                                                                                   | <b>106</b> |

<sup>1</sup> The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.



## Electives

| Code                           | Title                                                 | Credits |
|--------------------------------|-------------------------------------------------------|---------|
| <b>Biology</b>                 |                                                       |         |
| Courses numbered 306 or higher |                                                       |         |
| <b>Chemistry</b>               |                                                       |         |
| CH 223                         | General Chemistry III                                 | 4       |
| CH 226H                        | Advanced General Chemistry III                        | 4       |
| CH 227–229                     | General Chemistry Laboratory                          | 6       |
| or CH 237–239                  | Advanced General Chemistry Laboratory                 |         |
| CH 331                         | Organic Chemistry I                                   | 4       |
| CH 335                         | Organic Chemistry II                                  | 4       |
| CH 336                         | Organic Chemistry III                                 | 4       |
| CH 411–413                     | Physical Chemistry                                    | 12      |
| CH 431–433                     | Inorganic Chemistry                                   | 12      |
| CH 445                         | Statistical Mechanics                                 | 4       |
| <b>Computer Science</b>        |                                                       |         |
| CS 210–212                     | Computer Science I-III                                | 12      |
| CS 315                         | Intermediate Algorithms                               | 4       |
| <b>Geography</b>               |                                                       |         |
| GEOG 321                       | Climatology                                           | 4       |
| GEOG 322                       | Geomorphology                                         | 4       |
| GEOG 323                       | Biogeography                                          | 4       |
| GEOG 360                       | Watershed Science and Policy                          | 4       |
| GEOG 361                       | Global Environmental Change                           | 4       |
| GEOG 421                       |                                                       | 4       |
| GEOG 425                       | Hydrology and Water Resources                         | 4       |
| GEOG 427                       | Fluvial Geomorphology                                 | 4       |
| GEOG 430                       | Long-Term Environmental Change                        | 4       |
| GEOG 481–482                   | GIScience I-II                                        | 8       |
| GEOG 485–486                   | Remote Sensing I-II                                   | 8       |
| GEOG 491                       | Advanced Geographic Information Systems               | 4       |
| GEOG 495                       | Geographic Data Analysis                              | 4       |
| <b>Earth Sciences</b>          |                                                       |         |
| Select from GEOL 304–310       |                                                       | 4       |
| ERTH 353                       | Geologic Hazards                                      | 4       |
| ERTH 363                       | Computational Tools for Earth Sciences                | 4       |
| ERTH 401                       | Research: [Topic]                                     | 1-21    |
| ERTH 403                       | Thesis                                                | 1-6     |
| ERTH 410                       | Experimental Course: [Topic]                          | 1-5     |
| ERTH 407                       | Seminar: [Topic]                                      | 1-5     |
| Courses higher than 410        |                                                       |         |
| <b>Mathematics</b>             |                                                       |         |
| MATH 256                       | Introduction to Differential Equations                | 4       |
| MATH 281–282                   | Several-Variable Calculus I-II                        | 8       |
| MATH 341–342                   | Elementary Linear Algebra                             | 8       |
| MATH 411–412                   | Functions of a Complex Variable I-II                  | 8       |
| MATH 421–422                   | Partial Differential Equations: Fourier Analysis I-II | 8       |
| MATH 425–426                   | Statistical Methods I-II                              | 8       |
| <b>Physics</b>                 |                                                       |         |
| PHYS 203                       | General Physics                                       | 4       |

or PHYS 253 Foundations of Physics I

|              |                                       |    |
|--------------|---------------------------------------|----|
| PHYS 204–206 | Introductory Physics Laboratory       | 6  |
| PHYS 290     | Foundations of Physics Laboratory     | 1  |
| PHYS 351–353 | Foundations of Physics II             | 12 |
| PHYS 411–413 | Mechanics, Electricity, and Magnetism | 12 |

## Earth Sciences Major - Geophysics Track

| Code                            | Title                                                                     | Credits    |
|---------------------------------|---------------------------------------------------------------------------|------------|
| ERTH 315                        | Earth Physics                                                             | 4          |
| ERTH 363                        | Computational Tools for Earth Sciences                                    | 4          |
| or CS 122                       | Introduction to Programming and Problem Solving                           |            |
| PHYS 251–253                    | Foundations of Physics I                                                  | 12         |
| MATH 251–253                    | Calculus I-III                                                            | 12         |
| CH 221–222                      | General Chemistry                                                         | 8          |
| or CH 224H–225H                 | Honors General Chemistry                                                  |            |
| ERTH 455                        | Mechanical Earth                                                          | 4          |
| <b>Additional Requirements</b>  |                                                                           |            |
| Select two of the following:    |                                                                           | 7-8        |
| ERTH 441                        | Hillslope Geomorphology                                                   |            |
| ERTH 451                        | Hydrogeology                                                              |            |
| ERTH 452                        | Neotectonics and Quaternary Geology                                       |            |
| ERTH 453                        | Tectonics                                                                 |            |
| ERTH 454                        | Fluid Dynamics                                                            |            |
| ERTH 462                        | Environmental Geomechanics                                                |            |
| ERTH 463                        | Computational Earth Science                                               |            |
| ERTH 466                        | Geodynamics                                                               |            |
| ERTH 467                        | Fault Mechanics                                                           |            |
| ERTH 468                        | Introduction to Seismology                                                |            |
| MATH 256                        | Introduction to Differential Equations                                    | 4          |
| MATH 281–282 & MATH 256         | Several-Variable Calculus I-II and Introduction to Differential Equations | 12         |
| PHYS 351–353                    | Foundations of Physics II                                                 | 12         |
| or PHYS 411–413                 | Mechanics, Electricity, and Magnetism                                     |            |
| <b>Electives</b>                |                                                                           |            |
| See Electives table for choices |                                                                           | 28         |
| <b>Total Credits:</b>           |                                                                           | <b>104</b> |

## Electives

| Code                     | Title                          | Credits |
|--------------------------|--------------------------------|---------|
| <b>Chemistry</b>         |                                |         |
| CH 223                   | General Chemistry III          | 4       |
| CH 226H                  | Advanced General Chemistry III | 4       |
| CH 411                   | Physical Chemistry             | 4       |
| <b>Earth Sciences</b>    |                                |         |
| Select from GEOL 101–310 |                                | 8       |
| ERTH 311                 | Earth Materials                | 5       |
| ERTH 316                 | Introduction to Hydrogeology   | 4       |
| ERTH 318                 | Introduction to Field Methods  | 3       |
| ERTH 334                 | Sedimentology and Stratigraphy | 4       |
| ERTH 350                 | Structural Geology             | 3       |

|          |                                         |      |
|----------|-----------------------------------------|------|
| ERTH 351 | Structural Geology Problems             | 1    |
| ERTH 352 | Structural Geology Laboratory and Field | 1    |
| ERTH 353 | Geologic Hazards                        | 4    |
| ERTH 363 | Computational Tools for Earth Sciences  | 4    |
| ERTH 401 | Research: [Topic]                       | 1-21 |
| ERTH 403 | Thesis                                  | 1-6  |
| ERTH 407 | Seminar: [Topic]                        | 1-5  |

Courses numbered 408 or higher

#### Mathematics

|              |                           |                                                       |
|--------------|---------------------------|-------------------------------------------------------|
| MATH 341–342 | Elementary Linear Algebra | 8                                                     |
|              | or MATH 421–              | Partial Differential Equations: Fourier Analysis I-II |
|              | 422                       |                                                       |

## Earth Sciences Major - Environmental Geoscience Track

| Code                                                  | Title                                                                                                            | Credits    |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------|
| <b>Core Requirements (60 or 65 credits)</b>           |                                                                                                                  |            |
| ERTH 101<br>& ERTH 102<br>& ERTH 103                  | Exploring Planet Earth<br>and Exploring Earth's Environment<br>and Exploring Earth History <sup>1</sup>          | 12         |
| or ERTH 201<br>& ERTH 202<br>& ERTH 203               | Dynamic Planet Earth<br>and Earth's Surface and Environment<br>and History of Life                               |            |
| ERTH 311<br>or ERTH 331<br>& ERTH 332                 | Earth Materials<br>Mineralogy<br>and Introduction to Petrology                                                   | 5          |
| ERTH 315                                              | Earth Physics                                                                                                    | 4          |
| ERTH 316                                              | Introduction to Hydrogeology                                                                                     | 4          |
| ERTH 318                                              | Introduction to Field Methods                                                                                    | 3          |
| ERTH 363<br>or CS 122                                 | Computational Tools for Earth Sciences<br>Introduction to Programming and Problem Solving                        | 4          |
| PHYS 201<br>& PHYS 202                                | General Physics<br>and General Physics                                                                           | 8          |
| or PHYS 251<br>& PHYS 252                             | Foundations of Physics I<br>and Foundations of Physics I                                                         |            |
| CH 221–222<br>or CH 224H<br>& CH 225H                 | General Chemistry<br>Advanced General Chemistry I<br>and Advanced General Chemistry II                           | 8          |
| MATH 251–252<br>or MATH 246<br>& MATH 247             | Calculus I-II<br>Calculus for the Biological Sciences I<br>and Calculus for the Biological Sciences II           | 8          |
| ERTH 418<br>or MATH 253<br>or MATH 343<br>or MATH 425 | Earth and Environmental Data Analysis<br>Calculus III<br>Statistical Models and Methods<br>Statistical Methods I | 4          |
| <b>Electives</b>                                      |                                                                                                                  |            |
| See Electives table for choices                       |                                                                                                                  | 44         |
| <b>Total Credits</b>                                  |                                                                                                                  | <b>104</b> |

<sup>1</sup> The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.

## Electives

| Code                                                  | Title                                                           | Credits   |
|-------------------------------------------------------|-----------------------------------------------------------------|-----------|
| <b>Group A</b>                                        |                                                                 |           |
|                                                       |                                                                 | <b>24</b> |
| ERTH 310                                              | Earth Resources and the Environment                             | 4         |
| ERTH 334                                              | Sedimentology and Stratigraphy                                  | 4         |
| ERTH 353                                              | Geologic Hazards                                                | 4         |
| ERTH 410                                              | Experimental Course: [Topic] (Physical Oceanography)            | 1-5       |
| ERTH 410                                              | Experimental Course: [Topic] (Soil and Environmental Chemistry) | 1-5       |
| ERTH 438                                              | Geobiology                                                      | 4         |
| ERTH 441                                              | Hillslope Geomorphology                                         | 4         |
| ERTH 451                                              | Hydrogeology                                                    | 4         |
| ERTH 455                                              | Mechanical Earth                                                | 4         |
| ERTH 462                                              | Environmental Geomechanics                                      | 4         |
| ENVS 477                                              | Soil Science                                                    | 4         |
| <b>Group B</b>                                        |                                                                 |           |
|                                                       |                                                                 | <b>20</b> |
| Group A elective courses beyond 24 credits            |                                                                 |           |
| Earth Sciences                                        |                                                                 |           |
| ERTH 301 to ERTH 309 (up to 4 credits)                |                                                                 | 4         |
| ERTH 350                                              | Structural Geology                                              | 3         |
| ERTH 351                                              | Structural Geology Problems                                     | 1         |
| ERTH 352                                              | Structural Geology Laboratory and Field                         | 1         |
| ERTH 401                                              | Research: [Topic]                                               | 1-21      |
| ERTH 403                                              | Thesis                                                          | 1-6       |
| ERTH 406                                              | Field Studies: [Topic]                                          | 1-6       |
| ERTH 407                                              | Seminar: [Topic]                                                | 1-5       |
| ERTH 410 and above if not taken as a Group A elective |                                                                 | 4         |
| Biology                                               |                                                                 |           |
| BI 212                                                | General Biology II: Organisms                                   | 5         |
| BI 213                                                | General Biology III: Ecology and Evolution                      | 5         |
| BI 214                                                | General Biology IV: Biochemistry and Genetics                   | 5         |
| Chemistry                                             |                                                                 |           |
| CH 223                                                | General Chemistry III                                           | 4         |
| CH 227                                                | General Chemistry Laboratory                                    | 2         |
| CH 228                                                | General Chemistry Laboratory                                    | 2         |
| CH 229                                                | General Chemistry Laboratory                                    | 2         |
| CH 237                                                | Advanced General Chemistry Laboratory                           | 2         |
| CH 238                                                | Advanced General Chemistry Laboratory                           | 2         |
| CH 239                                                | Advanced General Chemistry Laboratory                           | 2         |
| CH 331                                                | Organic Chemistry I                                             | 4         |
| Any Chemistry course from 331 to 499                  |                                                                 |           |
| Computer Science                                      |                                                                 |           |
| CS 210                                                | Computer Science I                                              | 4         |
| CS 211                                                | Computer Science II                                             | 4         |
| CS 212                                                | Computer Science III                                            | 4         |
| Environmental Science                                 |                                                                 |           |
| ENVS 350                                              | Ecological Footprint of Energy Generation                       | 4         |
| ENVS 465                                              | Wetland Ecology and Management                                  | 4         |
| Geography                                             |                                                                 |           |
| GEOG 321                                              | Climatology                                                     | 4         |

|             |                                                     |   |
|-------------|-----------------------------------------------------|---|
| GEOG 322    | Geomorphology                                       | 4 |
| GEOG 323    | Biogeography                                        | 4 |
| GEOG 360    | Watershed Science and Policy                        | 4 |
| GEOG 361    | Global Environmental Change                         | 4 |
| GEOG 421    |                                                     | 4 |
| GEOG 425    | Hydrology and Water Resources                       | 4 |
| GEOG 427    | Fluvial Geomorphology                               | 4 |
| GEOG 430    | Long-Term Environmental Change                      | 4 |
| GEOG 433    | Fire and Natural Disturbances                       | 4 |
| GEOG 481    | GIScience I                                         | 4 |
| GEOG 482    | GIScience II                                        | 4 |
| GEOG 485    | Remote Sensing I                                    | 4 |
| GEOG 486    | Remote Sensing II                                   | 4 |
| GEOG 490    | GIScience: [Topic]                                  | 4 |
| GEOG 491    | Advanced Geographic Information Systems             | 4 |
| GEOG 494    | Spatial Analysis                                    | 4 |
| GEOG 495    | Geographic Data Analysis                            | 4 |
| Mathematics |                                                     |   |
| MATH 256    | Introduction to Differential Equations              | 4 |
| MATH 282    | Several-Variable Calculus II                        | 4 |
| MATH 341    | Elementary Linear Algebra                           | 4 |
| MATH 342    | Elementary Linear Algebra                           | 4 |
| MATH 411    | Functions of a Complex Variable I                   | 4 |
| MATH 412    | Functions of a Complex Variable II                  | 4 |
| MATH 422    | Partial Differential Equations: Fourier Analysis II | 4 |

## Earth Sciences - Paleontology Track

| Code                                                  | Title                                                                                                            | Credits |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------|
| ERTH 101<br>& ERTH 102<br>& ERTH 103                  | Exploring Planet Earth<br>and Exploring Earth's Environment<br>and Exploring Earth History <sup>1</sup>          | 12      |
| or ERTH 201<br>& ERTH 202<br>& ERTH 203               | Dynamic Planet Earth<br>and Earth's Surface and Environment<br>and History of Life                               |         |
| ERTH 311<br>or ERTH 331<br>or ERTH 332                | Earth Materials<br>Mineralogy<br>Introduction to Petrology                                                       | 5       |
| ERTH 315<br>or ERTH 316                               | Earth Physics<br>Introduction to Hydrogeology                                                                    | 4       |
| ERTH 318                                              | Introduction to Field Methods                                                                                    | 3       |
| ERTH 363<br>or CS 122                                 | Computational Tools for Earth Sciences<br>Introduction to Programming and Problem Solving                        | 4       |
| ERTH 418<br>or MATH 253<br>or MATH 343<br>or MATH 425 | Earth and Environmental Data Analysis<br>Calculus III<br>Statistical Models and Methods<br>Statistical Methods I | 4       |
| BI 211                                                | General Biology I: Cells                                                                                         | 5       |
| BI 212<br>or BI 213                                   | General Biology II: Organisms<br>General Biology III: Ecology and Evolution                                      | 5       |
| CH 221–222                                            | General Chemistry                                                                                                | 8       |

|                                     |                                                                   |   |
|-------------------------------------|-------------------------------------------------------------------|---|
| or CH 224H<br>& CH 225H             | Advanced General Chemistry I<br>and Advanced General Chemistry II |   |
| MATH 246–247<br>or MATH 251–<br>252 | Calculus for the Biological Sciences I-II<br>Calculus I-II        | 8 |

|                         |                                             |   |
|-------------------------|---------------------------------------------|---|
| PHYS 201<br>or PHYS 251 | General Physics<br>Foundations of Physics I | 4 |
|-------------------------|---------------------------------------------|---|

### Additional Requirements

|                                      |                                                                                                      |   |
|--------------------------------------|------------------------------------------------------------------------------------------------------|---|
| ERTH 334                             | Sedimentology and Stratigraphy                                                                       | 4 |
| ERTH 350<br>& ERTH 351<br>& ERTH 352 | Structural Geology<br>and Structural Geology Problems<br>and Structural Geology Laboratory and Field | 5 |

### Field Studies: 12

|          |                        |  |
|----------|------------------------|--|
| ERTH 406 | Field Studies: [Topic] |  |
|----------|------------------------|--|

Select two of the following: 8

|          |                         |  |
|----------|-------------------------|--|
| ERTH 433 | Paleobotany             |  |
| ERTH 434 | Vertebrate Paleontology |  |
| ERTH 435 | Paleopedology           |  |

### Electives

|                                 |    |
|---------------------------------|----|
| See Electives table for choices | 16 |
|---------------------------------|----|

### Total Credits 107

<sup>1</sup> The 200-level sequence is recommended for majors; however, the 100-level sequence may be substituted if the courses are passed with grades of mid-B or better.

## Electives

| Code                            | Title                                                                 | Credits |
|---------------------------------|-----------------------------------------------------------------------|---------|
| <b>Anthropology</b>             |                                                                       |         |
| ANTH 361                        | Human Evolution                                                       | 4       |
| ANTH 366                        | Human Osteology Laboratory                                            | 4       |
| ANTH 462                        | Primate Evolution                                                     | 4       |
| ANTH 467                        | Paleoecology and Human Evolution                                      | 4       |
| ANTH 471                        | Zooarchaeology: [Topic]                                               | 4       |
| ANTH 479                        | Taphonomy: Bones, Bugs, and Burials                                   | 4       |
| <b>Biology</b>                  |                                                                       |         |
| Courses numbered 306 or higher  |                                                                       |         |
| <b>Chemistry</b>                |                                                                       |         |
| CH 227–229<br>or CH 237–<br>239 | General Chemistry Laboratory<br>Advanced General Chemistry Laboratory | 6       |
| CH 223                          | General Chemistry III                                                 | 4       |
| CH 331                          | Organic Chemistry I                                                   | 4       |
| CH 335                          | Organic Chemistry II                                                  | 4       |
| CH 336                          | Organic Chemistry III                                                 | 4       |
| CH 411–413                      | Physical Chemistry                                                    | 12      |
| CH 431–433                      | Inorganic Chemistry                                                   | 12      |
| CH 445                          | Statistical Mechanics                                                 | 4       |
| <b>Computer Science</b>         |                                                                       |         |
| CS 210–212                      | Computer Science I-III                                                | 12      |
| CS 315                          | Intermediate Algorithms                                               | 4       |
| <b>Geography</b>                |                                                                       |         |
| GEOG 321                        | Climatology                                                           | 4       |

|                                |                                        |      |
|--------------------------------|----------------------------------------|------|
| GEOG 322                       | Geomorphology                          | 4    |
| GEOG 323                       | Biogeography                           | 4    |
| GEOG 360                       | Watershed Science and Policy           | 4    |
| GEOG 361                       | Global Environmental Change            | 4    |
| GEOG 421                       |                                        | 4    |
| GEOG 425                       | Hydrology and Water Resources          | 4    |
| GEOG 427                       | Fluvial Geomorphology                  | 4    |
| GEOG 430                       | Long-Term Environmental Change         | 4    |
| GEOG 481–482                   | GIScience I-II                         | 8    |
| GEOG 495                       | Geographic Data Analysis               | 4    |
| <b>Earth Sciences</b>          |                                        |      |
| One from EARTH 304 - EARTH 310 |                                        |      |
| ERTH 315                       | Earth Physics                          | 4    |
| ERTH 316                       | Introduction to Hydrogeology           | 4    |
| ERTH 353                       | Geologic Hazards                       | 4    |
| ERTH 401                       | Research: [Topic]                      | 1-21 |
| ERTH 403                       | Thesis                                 | 1-6  |
| ERTH 407                       | Seminar: [Topic]                       | 1-5  |
| ERTH 410                       | Experimental Course: [Topic]           | 1-5  |
| Courses higher than 410        |                                        |      |
| <b>Mathematics</b>             |                                        |      |
| MATH 256                       | Introduction to Differential Equations | 4    |
| MATH 281–282                   | Several-Variable Calculus I-II         | 8    |
| MATH 341–342                   | Elementary Linear Algebra              | 8    |
| MATH 411–412                   | Functions of a Complex Variable I-II   | 8    |
| MATH 425–426                   | Statistical Methods I-II               | 8    |
| <b>Physics</b>                 |                                        |      |
| PHYS 202                       | General Physics                        | 4    |
| PHYS 203                       | General Physics                        | 4    |
| PHYS 204                       | Introductory Physics Laboratory        | 2    |
| PHYS 205                       | Introductory Physics Laboratory        | 2    |
| PHYS 206                       | Introductory Physics Laboratory        | 2    |
| PHYS 253                       | Foundations of Physics I               | 4    |
| PHYS 290                       | Foundations of Physics Laboratory      | 1    |
| PHYS 351–353                   | Foundations of Physics II              | 12   |
| PHYS 411–413                   | Mechanics, Electricity, and Magnetism  | 12   |

## Undergraduate Research

As many as 4 credits of research can be counted toward electives in any of the tracks. To receive such credit, students must

- submit a short letter, approved by the faculty research advisor and addressed to the head undergraduate advisor in earth sciences, stating the nature of the research and asserting that there is faculty supervision
- submit a final written report to the faculty advisor describing the results of the research

Students may earn credit in this category by registering for any of the following:

| Code     | Title                        | Credits |
|----------|------------------------------|---------|
| ERTH 401 | Research: [Topic]            | 1-21    |
| ERTH 406 | Field Studies: [Topic]       | 1-6     |
| ERTH 408 | Laboratory Projects: [Topic] | 1-6     |

Students who complete an honors thesis may not apply this option toward elective credits.

## Grade Options and Standards

Undergraduate majors must take for letter grades (the pass/no pass option is not acceptable) all the courses required in their degree program. Required courses must be completed with grades of C– or better. Exceptions for honors students are noted under Honors in Earth Sciences.

## Honors in Earth Sciences

Application for graduation with honors in earth sciences must be made no later than spring term of the student's junior year. To be eligible for graduation with honors, a student must

- maintain a grade point average (GPA) of 3.50 or better in geological sciences courses or a 3.00 or better in all science courses
- submit and orally present an acceptable honors thesis written under the supervision of a department faculty member and evaluated by a committee consisting of three faculty members including the supervisor. The thesis should be presented no later than three weeks before final examinations during the term the student plans to graduate

Honors students may register for 3 credits of Research: [Topic] (ERTH 401) the term before they intend to graduate, and 3 credits of Thesis (ERTH 403) the term of graduation. These credits may be applied toward electives.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

- Geology Track (p. 241)
- Geophysics Track (p. 243)
- Environmental Geoscience Track (p. 244)
- Paleontology Track (p. 245)

## Bachelor of Science in Earth Sciences: Geology Track

| Course            | Title                           | Credits | Milestones |
|-------------------|---------------------------------|---------|------------|
| <b>First Year</b> |                                 |         |            |
| <b>Fall</b>       |                                 |         |            |
| MATH 111Z         | Precalculus I: Functions        | 4       |            |
| WR 121Z           | Composition I                   | 4       |            |
| CH 221            | General Chemistry I             | 4       |            |
| or                | or Advanced General Chemistry I |         |            |
| CH 224H           |                                 |         |            |
| ERTH 101          | Exploring Planet Earth          | 4       |            |
| or                | or Dynamic Planet Earth         |         |            |
| ERTH 201          |                                 |         |            |
| <b>Credits</b>    |                                 |         | <b>16</b>  |

**Winter**

|                                                                    |                                                                     |           |
|--------------------------------------------------------------------|---------------------------------------------------------------------|-----------|
| ERTH 102<br>or<br>ERTH 202                                         | Exploring Earth's Environment<br>or Earth's Surface and Environment | 4         |
| MATH 112Z                                                          | Precalculus II: Trigonometry                                        | 4         |
| CH 222<br>or<br>CH 225H                                            | General Chemistry II<br>or Advanced General Chemistry II            | 4         |
| General-education, multicultural, or other group-satisfying course |                                                                     | 4         |
| <b>Credits</b>                                                     |                                                                     | <b>16</b> |

**Spring**

|                                                                    |                                                         |           |
|--------------------------------------------------------------------|---------------------------------------------------------|-----------|
| ERTH 103<br>or<br>ERTH 203                                         | Exploring Earth History<br>or History of Life           | 4         |
| WR 122Z<br>or WR 123                                               | Composition II<br>or College Composition III            | 4         |
| MATH 246<br>or<br>MATH 251                                         | Calculus for the Biological Sciences I<br>or Calculus I | 4         |
| General-education, multicultural, or other group-satisfying course |                                                         | 4         |
| <b>Credits</b>                                                     |                                                         | <b>16</b> |
| <b>Total Credits</b>                                               |                                                         | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                                                    |                                                           |           |
|--------------------------------------------------------------------|-----------------------------------------------------------|-----------|
| PHYS 201<br>or<br>PHYS 251                                         | General Physics<br>or Foundations of Physics I            | 4         |
| MATH 247<br>or<br>MATH 252                                         | Calculus for the Biological Sciences II<br>or Calculus II | 4         |
| ERTH 331                                                           | Mineralogy                                                | 5         |
| General-education, multicultural, or other group-satisfying course |                                                           | 4         |
| <b>Credits</b>                                                     |                                                           | <b>17</b> |

**Winter**

|                                                                    |                                                |           |
|--------------------------------------------------------------------|------------------------------------------------|-----------|
| PHYS 202<br>or<br>PHYS 252                                         | General Physics<br>or Foundations of Physics I | 4         |
| ERTH 315                                                           | Earth Physics                                  | 4         |
| ERTH 332                                                           | Introduction to Petrology                      | 5         |
| General-education, multicultural, or other group-satisfying course |                                                | 4         |
| <b>Credits</b>                                                     |                                                | <b>17</b> |

**Spring**

|                                                          |                                                                                                                 |   |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---|
| PHYS 203<br>or<br>PHYS 253<br>or CH 223<br>or<br>CH 226H | General Physics<br>or Foundations of Physics I<br>or General Chemistry III<br>or Advanced General Chemistry III | 4 |
| ERTH 318                                                 | Introduction to Field Methods                                                                                   | 3 |
| ERTH 316                                                 | Introduction to Hydrogeology                                                                                    | 4 |

|                                                                    |   |
|--------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying course | 4 |
|--------------------------------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>15</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>49</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                                                                  |                                                                                                                                                       |   |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| ERTH 418<br>or<br>MATH 253<br>or<br>MATH 343<br>or<br>MATH 425<br>or<br>PHYS 481 | Earth and Environmental Data Analysis<br>or Calculus III<br>or Statistical Models and Methods<br>or Statistical Methods I<br>or Design of Experiments | 4 |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|

|                                                                     |   |
|---------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying courses | 8 |
|---------------------------------------------------------------------|---|

|                  |   |
|------------------|---|
| Geology elective | 4 |
|------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|                                                                     |   |
|---------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying courses | 8 |
| Geology elective                                                    | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Spring**

|          |                                         |   |
|----------|-----------------------------------------|---|
| ERTH 334 | Sedimentology and Stratigraphy          | 4 |
| ERTH 350 | Structural Geology                      | 3 |
| ERTH 351 | Structural Geology Problems             | 1 |
| ERTH 352 | Structural Geology Laboratory and Field | 1 |

|                                                                    |   |
|--------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying course | 4 |
|--------------------------------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>13</b> |
|----------------|-----------|

**Summer**

|          |                                     |     |
|----------|-------------------------------------|-----|
| ERTH 406 | Field Studies: [Topic] (12 Credits) | 1-6 |
|----------|-------------------------------------|-----|

|                |            |
|----------------|------------|
| <b>Credits</b> | <b>1-6</b> |
|----------------|------------|

|                      |              |
|----------------------|--------------|
| <b>Total Credits</b> | <b>42-47</b> |
|----------------------|--------------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                                                     |   |
|---------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying courses | 8 |
| Geology or other science elective                                   | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Winter**

|                                                                     |   |
|---------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying courses | 8 |
| Geology or other science elective                                   | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Spring**

|                                                                     |   |
|---------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying courses | 8 |
|---------------------------------------------------------------------|---|



|                                   |           |
|-----------------------------------|-----------|
| Geology or other science elective | 4         |
| <b>Credits</b>                    | <b>12</b> |
| <b>Total Credits</b>              | <b>36</b> |

## Bachelor of Science in Earth Sciences: Geophysics Track

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

### First Year

#### Fall

|                            |                                                            |   |
|----------------------------|------------------------------------------------------------|---|
| ERTH 101<br>or<br>ERTH 102 | Exploring Planet Earth<br>or Exploring Earth's Environment | 4 |
|----------------------------|------------------------------------------------------------|---|

|                         |                                                        |   |
|-------------------------|--------------------------------------------------------|---|
| MATH 111Z               | Precalculus I: Functions                               | 4 |
| WR 121Z                 | Composition I                                          | 4 |
| CH 221<br>or<br>CH 224H | General Chemistry I<br>or Advanced General Chemistry I | 4 |

**Credits** **16**

#### Winter

|                            |                                                                     |   |
|----------------------------|---------------------------------------------------------------------|---|
| ERTH 102<br>or<br>ERTH 202 | Exploring Earth's Environment<br>or Earth's Surface and Environment | 4 |
|----------------------------|---------------------------------------------------------------------|---|

|                         |                                                          |   |
|-------------------------|----------------------------------------------------------|---|
| MATH 112Z               | Precalculus II: Trigonometry                             | 4 |
| CH 222<br>or<br>CH 225H | General Chemistry II<br>or Advanced General Chemistry II | 4 |

|                                                                    |   |
|--------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying course | 4 |
|--------------------------------------------------------------------|---|

**Credits** **16**

#### Spring

|                      |                                              |   |
|----------------------|----------------------------------------------|---|
| WR 122Z<br>or WR 123 | Composition II<br>or College Composition III | 4 |
|----------------------|----------------------------------------------|---|

|                            |                                                         |   |
|----------------------------|---------------------------------------------------------|---|
| MATH 246<br>or<br>MATH 251 | Calculus for the Biological Sciences I<br>or Calculus I | 4 |
|----------------------------|---------------------------------------------------------|---|

|                                                                    |   |
|--------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying course | 4 |
|--------------------------------------------------------------------|---|

**Credits** **12**

**Total Credits** **44**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

### Second Year

#### Fall

|                                                                    |                               |   |
|--------------------------------------------------------------------|-------------------------------|---|
| PHYS 251                                                           | Foundations of Physics I      | 4 |
| MATH 252                                                           | Calculus II                   | 4 |
| ERTH 318                                                           | Introduction to Field Methods | 3 |
| General-education, multicultural, or other group-satisfying course |                               | 4 |

**Credits** **15**

#### Winter

|          |                          |   |
|----------|--------------------------|---|
| PHYS 252 | Foundations of Physics I | 4 |
| MATH 253 | Calculus III             | 4 |
| ERTH 315 | Earth Physics            | 4 |

|                                                                    |   |
|--------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying course | 4 |
|--------------------------------------------------------------------|---|

**Credits** **16**

#### Spring

|          |                          |   |
|----------|--------------------------|---|
| PHYS 253 | Foundations of Physics I | 4 |
|----------|--------------------------|---|

|          |                 |   |
|----------|-----------------|---|
| ERTH 311 | Earth Materials | 5 |
|----------|-----------------|---|

|          |                              |   |
|----------|------------------------------|---|
| ERTH 316 | Introduction to Hydrogeology | 4 |
|----------|------------------------------|---|

|                                                                    |   |
|--------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying course | 4 |
|--------------------------------------------------------------------|---|

**Credits** **17**

**Total Credits** **48**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

### Third Year

#### Fall

|          |                                        |   |
|----------|----------------------------------------|---|
| MATH 256 | Introduction to Differential Equations | 4 |
|----------|----------------------------------------|---|

|          |                           |   |
|----------|---------------------------|---|
| PHYS 351 | Foundations of Physics II | 4 |
|----------|---------------------------|---|

|                                                                    |   |
|--------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying course | 4 |
|--------------------------------------------------------------------|---|

**Credits** **12**

#### Winter

|          |                             |   |
|----------|-----------------------------|---|
| MATH 281 | Several-Variable Calculus I | 4 |
|----------|-----------------------------|---|

|          |                           |   |
|----------|---------------------------|---|
| PHYS 352 | Foundations of Physics II | 4 |
|----------|---------------------------|---|

|          |                  |   |
|----------|------------------|---|
| ERTH 455 | Mechanical Earth | 4 |
|----------|------------------|---|

**Credits** **12**

#### Spring

|          |                              |   |
|----------|------------------------------|---|
| MATH 282 | Several-Variable Calculus II | 4 |
|----------|------------------------------|---|

|          |                           |   |
|----------|---------------------------|---|
| PHYS 353 | Foundations of Physics II | 4 |
|----------|---------------------------|---|

|                                   |   |
|-----------------------------------|---|
| Geology or other science elective | 4 |
|-----------------------------------|---|

**Credits** **12**

**Total Credits** **36**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

### Fourth Year

#### Fall

|                                                                     |   |
|---------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying courses | 4 |
|---------------------------------------------------------------------|---|

|                                   |   |
|-----------------------------------|---|
| Geology or other science elective | 8 |
|-----------------------------------|---|

**Credits** **12**

#### Winter

|                                                                     |   |
|---------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying courses | 8 |
|---------------------------------------------------------------------|---|

|                                   |   |
|-----------------------------------|---|
| Geology or other science elective | 4 |
|-----------------------------------|---|

**Credits** **12**

#### Spring

|                                                                     |   |
|---------------------------------------------------------------------|---|
| General-education, multicultural, or other group-satisfying courses | 8 |
|---------------------------------------------------------------------|---|

|                                   |   |
|-----------------------------------|---|
| Geology or other science elective | 4 |
|-----------------------------------|---|

**Credits** **12**

**Total Credits** **36**

## Bachelor of Science in Earth Sciences: Environmental Geoscience Track

| Course                                                             | Title                                                               | Credits   | Milestones |
|--------------------------------------------------------------------|---------------------------------------------------------------------|-----------|------------|
| <b>First Year</b>                                                  |                                                                     |           |            |
| <b>Fall</b>                                                        |                                                                     |           |            |
| ERTH 101<br>or<br>ERTH 102                                         | Exploring Planet Earth<br>or Exploring Earth's Environment          | 4         |            |
| MATH 111Z                                                          | Precalculus I: Functions                                            | 4         |            |
| WR 121Z                                                            | Composition I                                                       | 4         |            |
| CH 221<br>or<br>CH 224H                                            | General Chemistry I<br>or Advanced General Chemistry I              | 4         |            |
| <b>Credits</b>                                                     |                                                                     | <b>16</b> |            |
| <b>Winter</b>                                                      |                                                                     |           |            |
| ERTH 102<br>or<br>ERTH 202                                         | Exploring Earth's Environment<br>or Earth's Surface and Environment | 4         |            |
| MATH 112Z                                                          | Precalculus II: Trigonometry                                        | 4         |            |
| CH 222<br>or<br>CH 225H                                            | General Chemistry II<br>or Advanced General Chemistry II            | 4         |            |
| General-education, multicultural, or other group-satisfying course |                                                                     | 4         |            |
| <b>Credits</b>                                                     |                                                                     | <b>16</b> |            |
| <b>Spring</b>                                                      |                                                                     |           |            |
| ERTH 103<br>or<br>ERTH 203                                         | Exploring Earth History<br>or History of Life                       | 4         |            |
| WR 122Z<br>or WR 123                                               | Composition II<br>or College Composition III                        | 4         |            |
| MATH 246<br>or<br>MATH 251                                         | Calculus for the Biological Sciences I<br>or Calculus I             | 4         |            |
| General-education, multicultural, or other group-satisfying course |                                                                     | 4         |            |
| <b>Credits</b>                                                     |                                                                     | <b>16</b> |            |
| <b>Total Credits</b>                                               |                                                                     | <b>48</b> |            |

| Course                     | Title                                                     | Credits   | Milestones |
|----------------------------|-----------------------------------------------------------|-----------|------------|
| <b>Second Year</b>         |                                                           |           |            |
| <b>Fall</b>                |                                                           |           |            |
| PHYS 201<br>or<br>PHYS 251 | General Physics<br>or Foundations of Physics I            | 4         |            |
| MATH 247<br>or<br>MATH 252 | Calculus for the Biological Sciences II<br>or Calculus II | 4         |            |
| ERTH 311                   | Earth Materials                                           | 5         |            |
| Geology elective           |                                                           | 4         |            |
| <b>Credits</b>             |                                                           | <b>17</b> |            |
| <b>Winter</b>              |                                                           |           |            |
| PHYS 202<br>or BI 211      | General Physics<br>or General Biology I: Cells            | 4         |            |
| ERTH 315                   | Earth Physics                                             | 4         |            |

|                                                                    |                           |   |
|--------------------------------------------------------------------|---------------------------|---|
| ERTH 332                                                           | Introduction to Petrology | 5 |
| General-education, multicultural, or other group-satisfying course |                           | 4 |

|                                                                                    |                                                                                                                                                                                                      |           |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Credits</b>                                                                     |                                                                                                                                                                                                      | <b>17</b> |
| <b>Spring</b>                                                                      |                                                                                                                                                                                                      |           |
| PHYS 203<br>or<br>PHYS 253<br>or BI 212<br>or BI 213<br>or CH 223<br>or<br>CH 226H | General Physics<br>or Foundations of Physics I<br>or General Biology II: Organisms<br>or General Biology III: Ecology and Evolution<br>or General Chemistry III<br>or Advanced General Chemistry III | 4         |
| ERTH 311                                                                           | Earth Materials                                                                                                                                                                                      | 5         |
| ERTH 316                                                                           | Introduction to Hydrogeology                                                                                                                                                                         | 4         |
| General-education, multicultural, or other group-satisfying course                 |                                                                                                                                                                                                      | 4         |
| <b>Credits</b>                                                                     |                                                                                                                                                                                                      | <b>17</b> |
| <b>Total Credits</b>                                                               |                                                                                                                                                                                                      | <b>51</b> |

| Course                                                              | Title                                 | Credits   | Milestones |
|---------------------------------------------------------------------|---------------------------------------|-----------|------------|
| <b>Third Year</b>                                                   |                                       |           |            |
| <b>Fall</b>                                                         |                                       |           |            |
| ERTH 310                                                            | Earth Resources and the Environment   | 4         |            |
| ERTH 318                                                            | Introduction to Field Methods         | 3         |            |
| General-education, multicultural, or other group-satisfying courses |                                       | 8         |            |
| <b>Credits</b>                                                      |                                       | <b>15</b> |            |
| <b>Winter</b>                                                       |                                       |           |            |
| ERTH 353                                                            | Geologic Hazards                      | 4         |            |
| ERTH 451                                                            | Hydrogeology                          | 4         |            |
| ERTH 418                                                            | Earth and Environmental Data Analysis | 4         |            |
| General-education, multicultural, or other group-satisfying course  |                                       | 4         |            |
| <b>Credits</b>                                                      |                                       | <b>16</b> |            |
| <b>Spring</b>                                                       |                                       |           |            |
| ERTH 334                                                            | Sedimentology and Stratigraphy        | 4         |            |
| GEOG 323                                                            | Biogeography                          | 4         |            |
| General-education, multicultural, or other group-satisfying course  |                                       | 4         |            |
| Geology elective                                                    |                                       | 4         |            |
| <b>Credits</b>                                                      |                                       | <b>16</b> |            |
| <b>Total Credits</b>                                                |                                       | <b>47</b> |            |

| Course                                                              | Title | Credits   | Milestones |
|---------------------------------------------------------------------|-------|-----------|------------|
| <b>Fourth Year</b>                                                  |       |           |            |
| <b>Fall</b>                                                         |       |           |            |
| General-education, multicultural, or other group-satisfying courses |       | 8         |            |
| Geology or other science elective                                   |       | 8         |            |
| <b>Credits</b>                                                      |       | <b>16</b> |            |
| <b>Winter</b>                                                       |       |           |            |
| General-education, multicultural, or other group-satisfying courses |       | 8         |            |

|                                                                     |           |
|---------------------------------------------------------------------|-----------|
| Geology or other science elective                                   | 8         |
| <b>Credits</b>                                                      | <b>16</b> |
| <b>Spring</b>                                                       |           |
| General-education, multicultural, or other group-satisfying courses | 12        |
| Geology or other science elective                                   | 4         |
| <b>Credits</b>                                                      | <b>16</b> |
| <b>Total Credits</b>                                                | <b>48</b> |

## Bachelor of Science in Earth Sciences: Paleontology Track

| Course                                                             | Title                                                               | Credits   | Milestones |
|--------------------------------------------------------------------|---------------------------------------------------------------------|-----------|------------|
| <b>First Year</b>                                                  |                                                                     |           |            |
| <b>Fall</b>                                                        |                                                                     |           |            |
| ERTH 101<br>or<br>ERTH 201                                         | Exploring Planet Earth<br>or Dynamic Planet Earth                   | 4         |            |
| MATH 111Z                                                          | Precalculus I: Functions                                            | 4         |            |
| WR 121Z                                                            | Composition I                                                       | 4         |            |
| CH 221<br>or<br>CH 224H                                            | General Chemistry I<br>or Advanced General Chemistry I              | 4         |            |
| <b>Credits</b>                                                     |                                                                     | <b>16</b> |            |
| <b>Winter</b>                                                      |                                                                     |           |            |
| ERTH 102<br>or<br>ERTH 202                                         | Exploring Earth's Environment<br>or Earth's Surface and Environment | 4         |            |
| MATH 112Z                                                          | Precalculus II: Trigonometry                                        | 4         |            |
| CH 222<br>or<br>CH 225H                                            | General Chemistry II<br>or Advanced General Chemistry II            | 4         |            |
| General-education, multicultural, or other group-satisfying course |                                                                     | 4         |            |
| <b>Credits</b>                                                     |                                                                     | <b>16</b> |            |
| <b>Spring</b>                                                      |                                                                     |           |            |
| ERTH 103<br>or<br>ERTH 203                                         | Exploring Earth History<br>or History of Life                       | 4         |            |
| WR 122Z<br>or WR 123                                               | Composition II<br>or College Composition III                        | 4         |            |
| CH 223<br>or<br>CH 226H                                            | General Chemistry III<br>or Advanced General Chemistry III          | 4         |            |
| MATH 251                                                           | Calculus I                                                          | 4         |            |
| <b>Credits</b>                                                     |                                                                     | <b>16</b> |            |
| <b>Total Credits</b>                                               |                                                                     | <b>48</b> |            |

| Course                     | Title                                          | Credits | Milestones |
|----------------------------|------------------------------------------------|---------|------------|
| <b>Second Year</b>         |                                                |         |            |
| <b>Fall</b>                |                                                |         |            |
| PHYS 201<br>or<br>PHYS 251 | General Physics<br>or Foundations of Physics I | 4       |            |
| BI 211                     | General Biology I: Cells                       | 5       |            |
| MATH 252                   | Calculus II                                    | 4       |            |

|                                                                    |                               |           |
|--------------------------------------------------------------------|-------------------------------|-----------|
| ERTH 331                                                           | Mineralogy                    | 5         |
| <b>Credits</b>                                                     |                               | <b>18</b> |
| <b>Winter</b>                                                      |                               |           |
| PHYS 202                                                           | General Physics               | 4         |
| ERTH 315                                                           | Earth Physics                 | 4         |
| ERTH 332                                                           | Introduction to Petrology     | 5         |
| General-education, multicultural, or other group-satisfying course |                               | 4         |
| <b>Credits</b>                                                     |                               | <b>17</b> |
| <b>Spring</b>                                                      |                               |           |
| PHYS 203                                                           | General Physics               | 4         |
| ERTH 318                                                           | Introduction to Field Methods | 3         |
| General-education, multicultural, or other group-satisfying course |                               | 8         |
| <b>Credits</b>                                                     |                               | <b>15</b> |
| <b>Total Credits</b>                                               |                               | <b>50</b> |

| Course                                                                                                                                    | Title                   | Credits   | Milestones |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------|------------|
| <b>Third Year</b>                                                                                                                         |                         |           |            |
| <b>Fall</b>                                                                                                                               |                         |           |            |
| Choose one from the following:                                                                                                            |                         | 4         |            |
| ERTH 433                                                                                                                                  | Paleobotany             | 4         |            |
| ERTH 434                                                                                                                                  | Vertebrate Paleontology | 4         |            |
| ERTH 435                                                                                                                                  | Paleopedology           | 4         |            |
| General-education, multicultural, or other group-satisfying courses                                                                       |                         | 4         |            |
| Geology or other science elective                                                                                                         |                         | 4         |            |
| These courses are typically offered in alternate years, so enrollment is necessary in the third or fourth year according to availability. |                         |           |            |
| Contact advisor or department office for scheduling of these courses.                                                                     |                         |           |            |
| <b>Credits</b>                                                                                                                            |                         | <b>24</b> |            |
| <b>Winter</b>                                                                                                                             |                         |           |            |
| Choose one from the following:                                                                                                            |                         | 4         |            |
| ERTH 433                                                                                                                                  | Paleobotany             | 4         |            |
| ERTH 434                                                                                                                                  | Vertebrate Paleontology | 4         |            |
| ERTH 435                                                                                                                                  | Paleopedology           | 4         |            |
| General-education, multicultural, or other group-satisfying courses                                                                       |                         | 4         |            |
| Geology or other science course                                                                                                           |                         | 4         |            |
| These courses are typically offered in alternate years, so enrollment is necessary in the third or fourth year according to availability. |                         |           |            |
| Contact advisor or department office for scheduling of these courses.                                                                     |                         |           |            |
| <b>Credits</b>                                                                                                                            |                         | <b>24</b> |            |

|               |                                         |   |
|---------------|-----------------------------------------|---|
| <b>Spring</b> |                                         |   |
| ERTH 334      | Sedimentology and Stratigraphy          | 4 |
| ERTH 350      | Structural Geology                      | 3 |
| ERTH 351      | Structural Geology Problems             | 1 |
| ERTH 352      | Structural Geology Laboratory and Field | 1 |

|                                                                     |                                     |                    |
|---------------------------------------------------------------------|-------------------------------------|--------------------|
| General-education, multicultural, or other group-satisfying course  |                                     | 4                  |
| Credits                                                             |                                     | 13                 |
| Summer                                                              |                                     |                    |
| ERTH 406                                                            | Field Studies: [Topic] (12 credits) | 1-6                |
| Credits                                                             |                                     | 1-6                |
| Total Credits                                                       |                                     | 62-67              |
| Course                                                              | Title                               | Credits Milestones |
| Fourth Year                                                         |                                     |                    |
| Fall                                                                |                                     |                    |
| General-education, multicultural, or other group-satisfying courses |                                     | 8                  |
| Geology or other science elective                                   |                                     | 8                  |
| Credits                                                             |                                     | 16                 |
| Winter                                                              |                                     |                    |
| General-education, multicultural, or other group-satisfying courses |                                     | 8                  |
| Geology or other science elective                                   |                                     | 8                  |
| Credits                                                             |                                     | 16                 |
| Spring                                                              |                                     |                    |
| General-education, multicultural, or other group-satisfying courses |                                     | 12                 |
| Geology or other science elective                                   |                                     | 4                  |
| Credits                                                             |                                     | 16                 |
| Total Credits                                                       |                                     | 48                 |

## Earth Sciences Minor

The undergraduate program in the Department of Earth Sciences provides an understanding of the materials that constitute the earth and the processes that have shaped the earth from deep in its interior to the surface environment—geology. Geology applies all the basic sciences—biology, chemistry, mathematics, and physics—to understanding earth processes in the historical context of geologic time. It is a science that explores problems by combining field investigations with laboratory experiments and theoretical studies.

Geology also addresses many natural hazards—earthquakes, flooding, and volcanic eruptions—that affect humans. It addresses the impact of humans on the earth’s surface environment, where we pollute rivers and ground water, cause rapid erosion and landslides, or attempt to re-engineer rivers and shorelines.

### Minor Requirements

|                                                     |                                                                                      |         |
|-----------------------------------------------------|--------------------------------------------------------------------------------------|---------|
| Code                                                | Title                                                                                | Credits |
| Choose one of the following three-course sequences: |                                                                                      | 12      |
| ERTH 101 & ERTH 102 & ERTH 103                      | Exploring Planet Earth and Exploring Earth’s Environment and Exploring Earth History |         |
| ERTH 201 & ERTH 202 & ERTH 203                      | Dynamic Planet Earth and Earth’s Surface and Environment and History of Life         |         |
| Choose from the following courses: <sup>1</sup>     |                                                                                      | 16      |
| ERTH 213                                            | Geology of National Parks                                                            |         |

|                     |    |
|---------------------|----|
| ERTH 300 - ERTH 499 |    |
| Total Credits       | 28 |

<sup>1</sup> 16 credits of earth sciences courses (exclusive of independent study courses) must be earned with course numbers greater than ERTH 299 (ERTH 213 is acceptable, however). No more than 8 credits may be applied to the minor from the following list: Geology of National Parks (ERTH 213), The Fossil Record (ERTH 304), Dinosaurs (ERTH 305), Volcanoes and Earthquakes (ERTH 306), Oceanography (ERTH 307), Geology of Oregon and the Pacific Northwest (ERTH 308), Earth Resources and the Environment (ERTH 310).

Undergraduate minors must take all required courses for letter grades and complete them with grades of C– or better.

## Earth Sciences (MS)

The Department of Earth Sciences offers programs of graduate study leading to master of science (MS) and doctor of philosophy (PhD) degrees with opportunity for research in a wide variety of specialty fields. Course work is designed to meet individual needs, and students may pursue independent research in geobiology, geochemistry, geodesy, geomechanics, geomorphology, geophysics, mineralogy, petrology, volcanology, paleontology, stratigraphy, sedimentary petrology, structural geology, and ore deposit geology. The master’s degree program requires two years or more for completion.

Graduate study in earth sciences is offered in five broad areas:

1. volcanology-petrology-geochemistry
2. stratigraphy–surface processes
3. paleontology-paleopedology-geobiology
4. structural geology–geophysics
5. economic geology (mineral deposits)

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency with modern quantitative tools that are used in the Earth sciences.
- When confronted with real-world Earth science problems, develop and test hypotheses in a systematic way while stating caveats and assumptions.
- Show familiarity with scientific understanding of topics that tie directly to their thesis research, as reflected by the current refereed literature.
- Organize and present their scientific results both in concise, well-reasoned technical writing and in front of scientific audiences at major conferences.
- Demonstrate understanding of ethical issues and responsibilities associated with working in a diverse, global community of scientists.

## Earth Sciences Major

|                               |       |         |
|-------------------------------|-------|---------|
| Code                          | Title | Credits |
| 500 or 600 level <sup>1</sup> |       | 24      |
| 600-699 level <sup>2</sup>    |       | 9       |
| Thesis <sup>3</sup>           |       | 9       |

|                                |           |
|--------------------------------|-----------|
| Remaining Credits <sup>4</sup> | 3         |
| <b>Total Credits</b>           | <b>45</b> |

*At least 30 credit hours in residence, in the major*

- <sup>1</sup> Only graded courses apply. Up to 15 credits may be taken in courses offered outside the department (with advisor approval)
- <sup>2</sup> May be taken graded or pass/no pass, but only graded courses can apply toward the 24 credits above.
- <sup>3</sup> GEOL 503. At least 3 thesis credits must be taken in the final term.
- <sup>4</sup> Can include research, readings, and seminars. Students are expected to register for and attend the department seminar and graduate student seminar (607) each term.

## Earth Sciences (PhD)

The Department of Earth Sciences offers programs of graduate study leading to master of science (MS), master of arts (MA), and doctor of philosophy (PhD) degrees with opportunity for research in a wide variety of specialty fields. Course work is designed to meet individual needs, and students may pursue independent research in geobiology, geochemistry, geodesy, geomechanics, geomorphology, geophysics, mineralogy, petrology, volcanology, paleontology, stratigraphy, sedimentary petrology, structural geology, and ore deposit geology. The master's degree program requires two years or more for completion.

Graduate study in earth sciences is offered in five broad areas:

1. volcanology-petrology-geochemistry
2. stratigraphy-surface processes
3. paleontology-paleopedology-geobiology
4. structural geology-geophysics
5. economic geology (mineral deposits)

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency with modern quantitative tools that are used in the Earth sciences.
- When confronted with real-world Earth science problems, develop and test hypotheses in a systematic way while stating caveats and assumptions.
- Show familiarity with scientific understanding of topics that tie directly to their thesis research, as reflected by the current refereed literature.
- Organize and present scientific results both in concise, well-reasoned technical writing and in front of scientific audiences at major conferences.
- Demonstrate understanding of ethical issues and responsibilities associated with working in a diverse, global community of scientists.
- Identify, define, and clearly argue the significance of a scientific problem, and execute the research necessary to advance scientific understanding of this problem.

## Earth Sciences Major

| Code                                  | Title | Credits |
|---------------------------------------|-------|---------|
| 500 or 600 Level Courses <sup>1</sup> |       | 15      |
| Dissertation <sup>2</sup>             |       | 18      |

|                                 |           |
|---------------------------------|-----------|
| Additional Credits <sup>3</sup> | 48        |
| <b>Total Credits</b>            | <b>81</b> |

- <sup>1</sup> Must be taken for grade.
- <sup>2</sup> GEOL 603, with a minimum of 3 credits must be taken in the last term.
- <sup>3</sup> 3+ years of full-time study (at least 9 credits/term may include research or reading credits). Students are expected to register for and attend the department seminar and graduate student seminar (607) each term.

*Ph.D. students are required to take 15 graded classroom credits at the graduate-level (500-600 level). These courses must be approved by the guidance/dissertation committee chair to ensure that they are geared toward achieving balance between the increasing the breadth of their academic experience and maintaining focus on areas of relevance to their research. They must also take 18 hours of dissertation credits (GEOL 603).*

## Human Physiology

**Andrew Karduna, Department Head**

541-346-4107  
541-346-2841 fax  
181 Esslinger Hall

Human physiology is the science of the mechanical, physical, and biochemical function of humans, and serves as the foundation of modern medicine. As a discipline, it connects science, medicine, and health, and creates a framework for understanding how the human body adapts to stresses, physical activity, and disease.

Human physiology and anatomy are closely related—anatomy is the study of form, physiology is the study of function, and form and function are intrinsically linked. The study of human physiology integrates knowledge across many levels, including biochemistry, cell physiology, and organ systems. Contemporary research in human physiology explores new ways to maintain or improve the quality of life, the development of new medical therapies and interventions, and the unanswered questions about how the human body works. The Department of Human Physiology serves its students by providing strong training in human physiology and anatomy to prepare them for careers in medicine, allied health professions, and biomedical research.

## Faculty

Damien Callahan, assistant professor. BA, 2001, Boston; PhD, 2011, Massachusetts, Amherst. (2017)

Hans Dreyer, associate professor. BS, 1998, California State, Long Beach; MS, 2002, PhD, 2004, Southern California. (2009)

Grace Golden, senior lecturer. BS, 1989, MS, 1991, Oregon; PhD, 2007, Oregon State. (2009)

Ian Greenhouse, assistant professor. BA, 2004, Tufts; PhD, 2012, California, San Diego. (2017)

Michael Hahn, associate professor. BS, 1996, Colorado Mesa; MS, 2000, Iowa State; PhD, 2003, Oregon. (2012)

John Halliwill, professor. BS, 1991, Ohio State; PhD, 1995, Medical College of Virginia. (2002)



Robin Hopkins, senior instructor. BS, 2005, Simon Fraser; MS, 2009, Western Ontario; PhD, 2014, British Columbia. (2014)

Adrianne Huxtable, associate professor. BS, 2003, British Columbia; PhD, 2009, Alberta. (2015)

Andrew Karduna, professor. BS, 1989, Massachusetts Institute of Technology; MS, 1991, Johns Hopkins; PhD, 1995, Pennsylvania. (2002)

Andrew Lovering, professor. BS, 1995, PhD, 2003, Texas Tech. (2007)

Michelle Marneweck, assistant professor. BA, 2020, MS/PhD, 2014, Western Australia. (2020)

Philip Matern, senior instructor. BS, 2003, Gonzaga; MS, 2005, Central Washington. (2014)

Carrie McCurdy, associate professor. BS, 1998, Notre Dame; PhD, 2004, Wisconsin, Madison. (2013)

Christopher Minson, Kenneth and Kenda Singer Endowed Professor in Human Physiology. BS, 1989, Arizona; MA, 1993, San Diego State; PhD, 1997, Pennsylvania State. (2000)

Jon Runyeon, senior instructor. BS, 1996, MS, 2010, Oregon. (2012)

Elinor Sullivan, research associate professor. BA, 2000, Willamette; PhD, 2006, Oregon Health and Science. (2017)

Nicole Swann, assistant professor. BA, 2006, California, Berkeley; PhD, 2012, California, San Diego. (2017)

Ashley Walker, assistant professor. BS, 2003, Oregon State; PhD, 2010, Colorado, Boulder. (2017)

## Affiliated

Balamurali Ambati, MD, PhD. Courtesy research professor, Phil and Penny Knight Campus for Accelerating Scientific Impact.

Sierra Dawson, PhD. Associate Vice Provost for Academic Affairs.

Jon Elliot, PhD. Instructor pro tem.

Katie Farina, PhD. Instructor pro tem.

Robert Guldberg, PhD. Professor; Vice President and Executive Director, Phil and Penny Knight Campus for Accelerating Scientific Impact.

Marian Hettiaratchi, PhD. Assistant professor, Phil and Penny Knight Campus for Accelerating Scientific Impact.

Austin Hocker, PhD. Assistant Director for Research and Assessment, Teaching Engagement Program.

Brett Kirby, PhD. Instructor pro tem.

Benjamin McKay, MS. Sports Science Coordinator, Intercollegiate Athletics.

Keat Ghee Ong, PhD. Professor, Phil and Penny Knight Campus for Accelerating Scientific Impact.

Kimberly Terrell, MS. Courtesy instructor.

Ann Zeidman-Karpinski, MS. Associate professor. See **Libraries**.

Brad Winn, MS. Instructor pro tem.

## Courtesy

John Bagdade, courtesy research professor. AB, 1958, Harvard; MD, 1962, Cornell. (2017)

Patrick Bergin, courtesy professor. BA, 1976, Columbia College; MD, 1980, Dartmouth College. (2000)

Mark Chesnutt, courtesy research associate. BS, 1982, Pacific Lutheran; MD, 1986, Oregon Health and Science. (2012)

Michael Colasurdo, courtesy professor. BS 1980, Portland State; MD, 1984, Oregon Health and Science. (2009)

William Cornwell, courtesy research assistant professor. BS, 2004, Ohio State; MD, 2008, Wright State. (2021)

JJ Duke, courtesy research assistant professor. BS, 2005, Arizona State; MA 2008, North Carolina; MS, 2012, PhD, 2012, Indiana. (2021)

Daniel Erichsen, courtesy professor. MD, 2003, Karolinska Institute. (2017)

Mathews Fish, courtesy professor. AB, 1956, California, Berkeley; MD, 1959, California, San Francisco. (2002)

Daniel Fitzpatrick, courtesy associate professor. BS, 1991, MS, 1993, MD, 1997, Iowa. (2007)

Eben Futral, courtesy research associate. BS, 1988, Stanford; MBA, 1999, Arizona State. (2015)

Andrew Gilchrist, courtesy professor. BS, 1990, Washington; MD, 1994, Nevada. (2021)

Igor Gladstone, courtesy professor. BS, 1973, MD, 1981, Washington (Seattle). (2009)

Randall Goodman, courtesy research assistant. BS, 1994, Oregon. (2010)

Jerold Hawn, courtesy professor. BS, 1963, Santa Clara; MD, 1967, Georgetown. (2009)

Rudolf Hoellrich, courtesy research professor. BS, 1993, Willamette; MD, 1997, OHSU. (2021)

Stanley James, courtesy professor. BS, 1953, MD, 1962, Iowa. (1979)

Brian Jewett, courtesy associate professor. BS, 1990, MS, 1991, Stanford; MD, 1995, Vanderbilt. (2007)

Donald Jones, courtesy professor. BS, 1969, Centenary (Hackettstown); MD, 1973, Louisiana State. (1983)

Hirosuke Kadono, courtesy associate professor. BS, 2005, PhD, 2015, Tsukuba. (2021)

Paul Kaplan, courtesy research associate; university physician. AB, 1970, Stanford; MD, 1974, California, Los Angeles. (2005)

Vern Katz, courtesy professor. BA, 1971, MD, 1979, California, Los Angeles. (2001)

Sean Kohles, courtesy professor. BS, 1987, MS, 1988, PhD, 1994, Wisconsin. (2021).

Peter Kosek, courtesy professor. BA, 1984, Grinnell College; MD, 1988, California, Los Angeles. (2009)

Brett "Brick" Lantz, courtesy professor. BA, 1981, Stanford; MD, 1985, Oklahoma. (2007)

Samuel Lau, courtesy professor. BS, 1984, MD, 1988, Creighton. (2009)

Fuzhong Li, courtesy senior research associate. BS, 1994, Shanghai; MS, 1990, Oregon; PhD, 1996, Oregon State. (2013)

Victor Lin, courtesy associate professor. BS, 1988, Massachusetts Institute of Technology; MS, 1991, California, Berkeley; MD, California, San Francisco. (2002)

Elizabeth McCorkle, courtesy research associate. BA, 1987, Rollins College; MD, 1992, Augusta. (2016)

Benjamin McKay, courtesy research assistant professor. BS, 2016, MS, 2017, Wollongong. (2021)

Gregory Moore, courtesy assistant professor. BS, 1995 Southern Methodist; MS, 1999, Oregon State; MD, 2003, Texas, San Antonio. (2013)

Richard Padgett, courtesy professor. BS, 1984, East Carolina; MD, 1988, North Carolina, Chapel Hill. (2005)

Robert Roach, courtesy research associate professor. BS, 1979, Evergreen; MS, 1985, Cornell; PhD, 1994, New Mexico. (2021)

Matthew Shapiro, courtesy research associate. BA, 1979, Cornell; MD, 1983, Columbia. (2015)

Grant Simmons, courtesy research associate. BS, 2003, MS, 2005, PhD, 2008 Oregon. (2018)

Kenneth Singer, courtesy professor; team physician. BS, 1961, Massachusetts Institute of Technology; MD, 1965, Columbia University College of Physicians and Surgeons. (1994)

Nicholas Strasser, courtesy associate clinical professor. BS, 2002, Sioux Falls; MD, 2006, South Dakota. (2021)

Andrew Subudhi, courtesy research professor. BA, 1992, Colorado College; MS, 1996, Colorado State; PhD, 2000, Utah. (2021)

Yuta Suzuki, courtesy research associate professor. BS, 2006, MS, 2008, Kyoto; PhD, 2014, Tsukuba. (2021)

Jeffrey Tuman, courtesy associate clinical professor. BA, 2005, Virginia; MD, 2009, Drexel. (2021)

Brad Wilkins, courtesy instructor. BS, 1993, Oregon State; MS, 1996, Northern Michigan; PhD, 2003, Oregon. (2014)

## **Emeriti**

Barry Bates, professor emeritus. BSE, 1960, Princeton; MEd, 1971, East Stroudsburg; PhD, 1973, Indiana. (1974)

Gary Klug, professor emeritus. BS, 1970, MS, 1973, Wisconsin, La Crosse; PhD, 1980, Washington State. (1985)

Louis Osternig, professor emeritus. BS, 1965, MS, 1967, California State, Hayward; PhD, 1971, Oregon. (1971)

Richard Troxel, senior instructor emeritus. BS, 1975, MS, 1977, Oregon. (1976)

Marjorie Woollacott, professor emerita. BA, 1968, PhD, 1973, Southern California. (1980)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## **Undergraduate Program**

### **Major - Bachelor's Degree**

- Human Physiology (BA/BS) (p. 249)

## **Graduate Program**

### **Major - Doctoral Degree**

- Human Physiology (PhD) (p. 252)

## **Human Physiology (BA/BS)**

Human physiology is the science of the mechanical, physical, and biochemical function of humans, and serves as the foundation of modern medicine. As a discipline, it connects science, medicine, and health and creates a framework for understanding how the human body adapts to stresses, physical activity, and disease.

Undergraduate students in human physiology complete preparatory science courses in chemistry, biology, mathematics and physics that prepare them for upper level coursework in human anatomy and physiology as well as courses that explore the functional and structural mechanisms underlying human health and performance across the life span. The majority of our students aspire to be professionals in health-science fields such as medicine, physical therapy, nursing, dentistry, pharmacy, education, and research.

## **Program Learning Outcomes**

Upon successful completion of this program, students will be able to:

- **Content Intellectual Breadth:** Demonstrate content knowledge and understanding of terminology, concepts, and relationships in human anatomy and physiology.
- **Inquiry:** Utilize a broad foundation of anatomical relationships and physiological principles in analysis, application, and synthesis related to human physiology and pathophysiology.
- **Critical Thinking:** Critically evaluate scientific information to help make decisions with respect to personal health, clinical applications, and research in human physiology.
- **Life-long Learning:** Demonstrate life-long learning skills, which include deciding what needs to be learned, articulating a learning plan, and implementing this plan.
- **Communication:** Communicate effectively, to a variety of audiences, in various modes.
- **Ethics Professionalism:** Demonstrate knowledge of ethical and professional behavior related to academic integrity, communication with others, and during individual and cooperative work.

## Program Learning Outcomes with Sub-Outcomes

1. Content & Intellectual Breadth: Demonstrate content knowledge and understanding of terminology, concepts, and relationships in human anatomy and physiology.
  - 1.1. Identify problems, articulate questions or hypotheses, and determine the need for information.
  - 1.2. Access and collect the needed information from appropriate primary and secondary sources.
  - 1.3. Use quantitative and qualitative methods, including the ability to recognize assumptions, draw inferences, make deductions, and interpret information to analyze problems in context and draw conclusions.
2. Inquiry: Utilize a broad foundation of anatomical relationships and physiological principles in analysis, application, and synthesis related to human physiology and pathophysiology.
  - 2.1. Recognize the complexity of problems and identify different perspectives from which problems and questions can be viewed.
  - 2.2. Evaluate and report on conclusions, including discussing the basis for and strength of findings, and identify areas where further inquiry is needed.
3. Critical Thinking: Critically evaluate scientific information to help make decisions with respect to personal health, clinical applications, and research in human physiology.
  - 3.1. Identify, analyze, and evaluate reasoning and construct and defend reasonable arguments and explanations.
4. Life-long Learning: Demonstrate life-long learning skills, which include deciding what needs to be learned, articulating a learning plan, and implementing this plan.
  - 4.1. Demonstrate in-depth knowledge and skills in Human Physiology.
  - 4.2. Identify the fundamental principles of Human Physiology.
  - 4.3. Apply the research methods and theoretical models of Human Physiology to define, solve, and evaluate problems.
  - 4.4. Transfer knowledge and skills gained from general and specialized studies to new settings and complex problems.
  - 4.5. Demonstrate life-long learning skills, including the ability to place problems in personally meaningful contexts, reflect on one's own understanding, demonstrate awareness of what needs to be learned, articulate a learning plan, and act independently on the plan using appropriate resources.
  - 4.6. Achieve success in Human Physiology, including applying persistence, motivation, interpersonal communications, leadership, goal setting, and career skills.
5. Communication: Communicate effectively, to a variety of audiences, in various modes.
  - 5.1. Demonstrate general academic literacy, including how to respond to needs of audiences and to different kinds of rhetorical situations, analyze and evaluate reasons and evidence, and construct research-based arguments using Standard Written English.
  - 5.2. Effectively use the common genres and conventions for writing within Human Physiology.
  - 5.3. Prepare and deliver effective oral presentations.
  - 5.4. Collaborate effectively with others to share information, solve problems, or complete tasks.
  - 5.5. Produce effective visuals using different media.
  - 5.6. Apply the up-to-date technologies commonly used to research and communicate within Human Physiology.

6. Ethics & Professionalism: Demonstrate knowledge of ethical and professional behavior related to academic integrity, communication with others, and during individual and cooperative work.
  - 6.1. Assembling and analyzing a set of sources that students have determined are relevant to the issue they are investigating.
  - 6.2. Acknowledging clearly when and how they are drawing on the ideas or phrasings of others.
  - 6.3. Learning the conventions for citing documents and acknowledging sources appropriate to the field they are studying.
  - 6.4. Examine various concepts and theories of ethics and how to deliberate and assess claims about ethical issues.
  - 6.5. Apply ethical concepts and theories to specific ethical dilemmas students will experience in their personal and professional lives.

## Human Physiology Major Requirements

| Code                                    | Title                                                                                                                                                                        | Credits   |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Lower-Division Requirements</b>      |                                                                                                                                                                              |           |
| CH 221<br>& CH 222<br>& CH 223          | General Chemistry I<br>and General Chemistry II<br>and General Chemistry III <sup>1</sup>                                                                                    | 12        |
| or CH 224H<br>& CH 225H<br>& CH 226H    | Advanced General Chemistry I<br>and Advanced General Chemistry II<br>and Advanced General Chemistry III                                                                      |           |
| CH 227<br>& CH 228<br>& CH 229          | General Chemistry Laboratory<br>and General Chemistry Laboratory<br>and General Chemistry Laboratory                                                                         | 6         |
| or PHYS 204<br>& PHYS 205<br>& PHYS 206 | Introductory Physics Laboratory<br>and Introductory Physics Laboratory<br>and Introductory Physics Laboratory                                                                |           |
| BI 211<br>& BI 212<br>& BI 213          | General Biology I: Cells<br>and General Biology II: Organisms<br>and General Biology III: Ecology and<br>Evolution (may substitute BI 214 for BI 213)                        | 15        |
| or BI 281H<br>& BI 282H<br>& BI 283H    | Honors Biology I: Cells, Biochemistry and Physiology<br>and Honors Biology II: Genetics and Molecular Biology<br>and Honors Biology III: Evolution, Diversity and<br>Ecology |           |
| MATH 246<br>or MATH 251                 | Calculus for the Biological Sciences I <sup>1</sup><br>Calculus I                                                                                                            | 4         |
| PHYS 201<br>& PHYS 202<br>& PHYS 203    | General Physics<br>and General Physics<br>and General Physics                                                                                                                | 12        |
| or PHYS 251<br>& PHYS 252<br>& PHYS 253 | Foundations of Physics I<br>and Foundations of Physics I<br>and Foundations of Physics I                                                                                     |           |
| HPHY 211                                | Medical Terminology                                                                                                                                                          | 3         |
| HPHY 212                                | Scientific Investigation in Physiology                                                                                                                                       | 4         |
| <b>Upper-Division Requirements</b>      |                                                                                                                                                                              |           |
| HPHY 321                                | Human Anatomy I <sup>2</sup>                                                                                                                                                 | 5         |
| HPHY 322                                | Human Physiology I <sup>2</sup>                                                                                                                                              | 5         |
| HPHY 323                                | Human Anatomy II <sup>2</sup>                                                                                                                                                | 5         |
| HPHY 324                                | Human Physiology II <sup>2</sup>                                                                                                                                             | 5         |
| HPHY 325                                | Human Anatomy and Physiology III <sup>2</sup>                                                                                                                                | 5         |
| HPHY 371                                | Physiology of Exercise                                                                                                                                                       | 4         |
| <b>Upper-Division Electives</b>         |                                                                                                                                                                              | <b>16</b> |
| Select at least two of the following:   |                                                                                                                                                                              |           |
| HPHY 333                                | Motor Control                                                                                                                                                                |           |

|          |                                           |
|----------|-------------------------------------------|
| HPHY 362 | Tissue Injury and Repair                  |
| HPHY 374 | Clinical Electrocardiography and Exercise |
| HPHY 375 | Metabolism and Nutrition                  |
| HPHY 381 | Biomechanics                              |
| HPHY 399 | Special Studies: [Topic]                  |
| ANTH 362 | Human Biological Variation                |
| ANTH 366 | Human Osteology Laboratory                |
| ANTH 369 | Human Growth and Development              |
| BI 309   | Tropical Diseases in Africa               |
| BI 320   | Molecular Genetics                        |
| BI 322   | Cell Biology                              |
| BI 358   | Investigations in Medical Physiology      |
| BI 360   | Neurobiology                              |
| CH 360   | Physiological Biochemistry                |
| CH 462   | Biochemistry                              |

Select at least one of the following capstone courses:

|          |                                            |
|----------|--------------------------------------------|
| HPHY 412 | Sleep Physiology                           |
| HPHY 413 | Muscle Structure, Function, and Plasticity |
| HPHY 414 | Muscle Metabolism                          |
| HPHY 422 | Physiology of Obesity                      |
| HPHY 423 | Physiology of Aging                        |
| HPHY 432 | Neural Development                         |
| HPHY 433 | Neurophysiology of Concussion              |
| HPHY 434 | Movement Disorders                         |
| HPHY 436 | Clinical Neuroscience                      |
| HPHY 444 | Clinical Anatomy                           |
| HPHY 462 | Therapeutic Techniques                     |
| HPHY 470 | Environmental Physiology                   |
| HPHY 473 | High Altitude Physiology and Medicine      |

Select any of the following:

|          |                                                              |
|----------|--------------------------------------------------------------|
| HPHY 401 | Research: [Topic]                                            |
| HPHY 403 | Thesis                                                       |
| HPHY 404 | Internship: [Topic]                                          |
| HPHY 405 | Special Problems: [Topic]                                    |
| HPHY 406 | Practicum: [Topic]                                           |
| HPHY 408 | Workshop: [Topic]                                            |
| HPHY 409 | Terminal Project (Anatomy and Physiology Teaching Assistant) |
| HPHY 411 | Scientific Teaching                                          |
| HPHY 420 | Human Anatomy Dissection                                     |

**Total Credits** **101**

<sup>1</sup> Should be taken in the first year.

<sup>2</sup> Must be taken in residence at the University of Oregon.

Courses required for the major must be taken for letter grades and passed with grades of C- or better. Additional requirements for the bachelor's degree are described in the **Bachelor's Degree Requirements** section of this catalog.

## Honors

To apply to graduate with departmental honors, a student must have a GPA of 3.50 or better in courses applied toward the human physiology degree requirements and complete an honors thesis under

the supervision of a human physiology thesis committee. In addition, human physiology majors enrolled in the Robert Donald Clark Honors College at the University of Oregon are eligible to complete an honors thesis through that program.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

*The bachelor of science is shown below. A bachelor of arts in human physiology may be earned by completing (or demonstrating proficiency in) two years of a foreign language.*

## Bachelor of Science in Human Physiology

| Course                                | Title                                     | Credits   | Milestones                                 |
|---------------------------------------|-------------------------------------------|-----------|--------------------------------------------|
| <b>First Year</b>                     |                                           |           |                                            |
| <b>Fall</b>                           |                                           |           |                                            |
| MATH 112Z                             | Precalculus II: Trigonometry <sup>1</sup> | 4         |                                            |
| CH 221                                | General Chemistry I                       | 4         |                                            |
| CH 227                                | General Chemistry Laboratory              | 2         |                                            |
| General-education course <sup>2</sup> |                                           | 4         |                                            |
| Elective course                       |                                           | 1         |                                            |
| <b>Credits</b>                        |                                           | <b>15</b> |                                            |
| <b>Winter</b>                         |                                           |           |                                            |
| WR 121Z                               | Composition I                             | 4         |                                            |
| CH 222                                | General Chemistry II                      | 4         |                                            |
| CH 228                                | General Chemistry Laboratory              | 2         |                                            |
| MATH 251                              | Calculus I                                | 4         |                                            |
| or                                    | or Calculus for the Biological Sciences I |           |                                            |
| MATH 246                              |                                           |           |                                            |
| Elective course                       |                                           | 2         |                                            |
| <b>Credits</b>                        |                                           | <b>16</b> |                                            |
| <b>Spring</b>                         |                                           |           |                                            |
| CH 223                                | General Chemistry III                     | 4         | Completion of General Chemistry & Calculus |
| CH 229                                | General Chemistry Laboratory              | 2         |                                            |
| STAT 243Z                             | Elementary Statistics I                   | 4         |                                            |
| General-education course <sup>2</sup> |                                           | 4         |                                            |
| Elective Course                       |                                           | 2         |                                            |
| <b>Credits</b>                        |                                           | <b>16</b> |                                            |
| <b>Total Credits</b>                  |                                           | <b>47</b> |                                            |

| Course                                | Title                    | Credits   | Milestones |
|---------------------------------------|--------------------------|-----------|------------|
| <b>Second Year</b>                    |                          |           |            |
| <b>Fall</b>                           |                          |           |            |
| BI 211                                | General Biology I: Cells | 5         |            |
| HPHY 211                              | Medical Terminology      | 3         |            |
| General-education course <sup>2</sup> |                          | 4         |            |
| Elective course                       |                          | 4         |            |
| <b>Credits</b>                        |                          | <b>16</b> |            |

Winter

|                                       |                                        |   |
|---------------------------------------|----------------------------------------|---|
| BI 212                                | General Biology II: Organisms          | 5 |
| HPHY 212                              | Scientific Investigation in Physiology | 4 |
| General-education course <sup>2</sup> |                                        | 4 |
| Elective course                       |                                        | 4 |

**Credits** 17

Spring

|                                       |                                                  |   |
|---------------------------------------|--------------------------------------------------|---|
| WR 122Z                               | Composition II                                   | 4 |
| or WR 123                             | or College Composition III                       |   |
| BI 213                                | General Biology III: Ecology and                 | 5 |
| or BI 214                             | Evolution                                        |   |
|                                       | or General Biology IV: Biochemistry and Genetics |   |
| General-education course <sup>2</sup> |                                                  | 4 |
| Elective course                       |                                                  | 4 |

**Credits** 17

**Total Credits** 50

**Course Title Credits Milestones**

Third Year

Fall

|                                 |                    |   |
|---------------------------------|--------------------|---|
| HPHY 321                        | Human Anatomy I    | 5 |
| HPHY 322                        | Human Physiology I | 5 |
| Upper-division elective courses |                    | 3 |

**Credits** 13

Winter

|                                 |                     |   |
|---------------------------------|---------------------|---|
| HPHY 323                        | Human Anatomy II    | 5 |
| HPHY 324                        | Human Physiology II | 5 |
| Upper-division elective courses |                     | 3 |

**Credits** 13

Spring

|                                       |                                  |   |
|---------------------------------------|----------------------------------|---|
| HPHY 325                              | Human Anatomy and Physiology III | 5 |
| HPHY 371                              | Physiology of Exercise           | 4 |
|                                       | Completion of HPHY 321-325 & 371 |   |
| General-education course <sup>2</sup> |                                  | 4 |
| Upper-division elective course        |                                  | 2 |

**Credits** 15

**Total Credits** 41

**Course Title Credits Milestones**

Fourth Year

Fall

|                                                         |                 |   |
|---------------------------------------------------------|-----------------|---|
| PHYS 201                                                | General Physics | 4 |
| Human physiology course chosen from List A <sup>3</sup> |                 | 4 |
| General-education course <sup>2</sup>                   |                 | 4 |
| Upper-division elective course                          |                 | 3 |

**Credits** 15

Winter

|                                                         |                 |   |
|---------------------------------------------------------|-----------------|---|
| PHYS 202                                                | General Physics | 4 |
| Human physiology course chosen from List A <sup>3</sup> |                 | 4 |
| Human physiology course chosen from List B <sup>3</sup> |                 | 4 |

Upper-division elective course 3

**Credits** 15

Spring

|                                                                   |                 |   |
|-------------------------------------------------------------------|-----------------|---|
| PHYS 203                                                          | General Physics | 4 |
| Human physiology course chosen from List A or List B <sup>3</sup> |                 | 4 |
| General-education course <sup>2</sup>                             |                 | 4 |
| Upper-division elective course                                    |                 | 3 |

**Credits** 15

**Total Credits** 45

- <sup>1</sup> Students not starting in Precalculus II: Trigonometry (MATH 112Z) may require additional terms to graduate.
- <sup>2</sup> To complete general-education requirements within eight courses, students must take arts and letters or social science group-satisfying courses that also satisfy multicultural requirements.
- <sup>3</sup> List A and List B options may be found online. (<https://cas.uoregon.edu/physiology/undergraduates/major-requirements/>)

# Human Physiology (PhD)

Our PhD program provides classroom and research experiences, helping students grow into professionals equipped with the experience to be great researchers. Providing students with an in-depth understanding of human physiology and advanced research skills is our hallmark. Our department houses state-of-the-art equipment, furthering our understanding of the physiological process.

## Program Learning Outcomes

- Upon successful completion of this program, students will be able to:
- Teaching and Mentoring: Demonstrate working knowledge of current teaching and mentoring best-practices.
  - Professional Ethics: Demonstrate knowledge of ethical and professional behavior related to academic and research integrity.
  - Career Development: Demonstrate proactive career planning and goal setting and participation in professional development activities.
  - Core Knowledge: Demonstrate broad working knowledge of content areas and detailed knowledge of a primary content area.
  - Scientific Inquiry: Demonstrate fluency in the scientific literature, current questions, and research methods in a primary content area.
  - Scientific Communication: Demonstrate effective oral and written scientific communication skills, including data presentation.

Key:

Program Learning Outcome

I = introduces outcome; D = develops outcome; A = assesses mastery of outcome

Listed course or activity

Teaching and Mentoring

HPHY 611 Professional Skills I: Teaching Effectiveness I/D

Professional Ethics

HPHY 612 Professional Skills II: Responsible Research I/D



## Career Development

HPHY 613 Professional Skills III: Career Development I/D

## Core Knowledge

500-level capstone electives I/D/A

HPHY 621-623 Systems Physiology Series I/D/A

600-level Advanced Electives D/A

Comprehensive Exam A

## Scientific Inquiry

HPHY 621-623 Systems Physiology Series I/D

Two required statistical courses I/D/A

600-level Advanced Electives D/A

Comprehensive Exam A

Dissertation Proposal D

Dissertation Defense A

## Scientific Communication

HPHY 621-623 Systems Physiology Series D

Two required statistical courses I/D/A

600-level Advanced Electives D/A

Comprehensive Exam A

Dissertation Proposal D

Dissertation Defense A

## Doctor of Philosophy Degree Requirements

| Code                                                                                                  | Title                                                                                                                                                  | Credits   |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| HPHY 611<br>& HPHY 612<br>& HPHY 613                                                                  | Professional Skills I: Effective Teaching<br>and Professional Skills II: Responsible<br>Research<br>and Professional Skills III: Career<br>Development | 3         |
| HPHY 621<br>& HPHY 622<br>& HPHY 623                                                                  | Systems Physiology I<br>and Systems Physiology II<br>and Systems Physiology III                                                                        | 12        |
| EDUC 614                                                                                              | Educational Statistics <sup>1</sup>                                                                                                                    | 3         |
| EDUC 640                                                                                              | Applied Statistical Design and Analysis <sup>1</sup>                                                                                                   | 3         |
| Human physiology courses or other courses most appropriate<br>to student's line of study <sup>2</sup> |                                                                                                                                                        | 38        |
| Select one of the following:                                                                          |                                                                                                                                                        | 4         |
| HPHY 670                                                                                              | Advanced Respiratory Physiology                                                                                                                        |           |
| HPHY 676                                                                                              | Human Cardiovascular Control                                                                                                                           |           |
| HPHY 684                                                                                              | Kinematics of Human Movement                                                                                                                           |           |
| HPHY 685                                                                                              | Kinetics of Human Movement                                                                                                                             |           |
| HPHY 603                                                                                              | Dissertation <sup>3</sup>                                                                                                                              | 18        |
| <b>Total Credits</b>                                                                                  |                                                                                                                                                        | <b>81</b> |

- <sup>1</sup> Statistical analysis courses covering the following topics: descriptive statistics, logic of hypothesis testing, elementary inferential statistics, confidence intervals, one-way analysis of variance, post hoc comparisons, a priori contrasts, within-subjects and between-subjects effects, two-way and higher-order designs, and interactions. For recent additions to these course options, check with the director of graduate studies for the department.
- <sup>2</sup> Determined in conjunction with program committee.
- <sup>3</sup> Must register for course every term of enrollment after advancing to candidacy.

The doctoral degree requires completion of a minimum of 81 graduate-level credits beyond the bachelor's degree; at least 60 of these credits must be completed through human physiology courses. Written and oral doctoral comprehensive examinations are taken after completing a substantial portion of the program of study. Upon passing these examinations, the student is advanced to candidacy. A final oral defense is held after completion of the dissertation and after all other degree requirements have been met. Required courses must be taken for letter grades and passed with grades of B– or better. Students must maintain at least a 3.00 grade point average for all courses. Additional university doctor of philosophy degree requirements are described under Doctoral Degrees in the **Division of Graduate Studies** section of this catalog

## Mathematics

## Nicholas Proudfoot, Department Head

541-346-4705

205 Fenton Hall

1222 University of Oregon

Eugene, Oregon 97403-1222

Courses offered by the Department of Mathematics are designed to satisfy the needs of majors and nonmajors interested in mathematics primarily as part of a broad liberal education. They provide basic mathematical and statistical training for students in the social, biological, and physical sciences and in the professional schools; prepare teachers of mathematics; and provide advanced and graduate work for students specializing in the field.

## Faculty

Nicolas Addington, associate professor (algebraic geometry). BS, 2004, Washington (Seattle); PhD, 2009, Wisconsin, Madison. (2015)

Shabnam Akhtari, associate professor (number theory). BA, 2002, Sharif University of Technology; PhD, 2008, British Columbia. (2012)

Arkadiy D. Berenstein, professor (quantum groups, representation theory). MS, 1988, Moscow Transport Institute; PhD, 1996, Northeastern. (2000)

Tricia H. Bevans, senior instructor. BA, 1995, MS, 1998, Oregon. (2013)

Boris Botvinnik, professor (algebraic topology). MS, 1978, Novosibirsk State; PhD, 1984, USSR Academy of Sciences, Novosibirsk. (1993)

Marcin Bownik, professor (harmonic analysis, wavelets). Magister, 1995, Warsaw, Poland; MA, 1997, PhD, 2000, Washington (St. Louis). (2003)

Jonathan Brundan, professor (Lie theory, representation theory). BA, 1992, Queens College, Cambridge; PhD, 1996, University of London. (1997)

Daniel K. Dugger, professor (algebraic topology and geometry, K-theory, commutative algebra). BA, 1994, Michigan, Ann Arbor; PhD, 1999, Massachusetts Institute of Technology. (2004)

Ellen E. Eischen, associate professor (number theory). BA, 2003, Princeton; PhD, 2009, Michigan, Ann Arbor. (2015)

Ben Elias, associate professor (representation theory, categorification). BA, 2005, Princeton; PhD, 2011, Columbia. (2014)

Cassandra Fisher, senior instructor. BS, 2010, George Fox; MS, 2012, Texas Tech. (2012)

Laura Fredrickson, assistant professor (geometric analysis and complex geometry). BS, 2010, California, Irvine; PhD, 2016, Texas, Austin. (2019)

Hayden Harker, senior instructor II. BA, 1995, Oberlin College; MS, 2000, PhD, 2005, Oregon. (2011)

Weiyong He, professor (differential geometry, geometric analysis and partial differential equations). MS, 2004, Science and Technology of China; PhD, 2007, Wisconsin, Madison. (2009)

Kristen Henderson, senior instructor. BA, 2001, California, Berkeley; MS, 2003, Nevada, Reno. (2015)

Patricia Hersh, professor (combinatorics). BA, 1995, Harvard; PhD, 1999, Massachusetts Institute of Technology. (2019)

Alexander S. Kleshchev, professor (algebra, representation theory). BS, MS, 1988, Moscow State; PhD, 1993, Institute of Mathematics, Academy of Sciences of Belarus, Minsk. (1995)

Elina Kleshcheva, instructor. BS, 1987, MS, 1988, Moscow State. (1995)

David A. Levin, associate professor (probability theory and stochastic processes). BS, 1993, Chicago; MA, 1995, PhD, 1999, California, Berkeley. (2006)

Huaxin Lin, professor (functional analysis). BA, 1980, East China Normal, Shanghai; MS, 1984, PhD, 1986, Purdue. (1995)

Robert Lipshitz, professor (differential topology). AB, 2002, Princeton; PhD, 2006, Stanford. (2015)

Peng Lu, professor (differential geometry, geometric analysis). BSc, 1985, Nanjing; MSc, 1988, Nanki Mathematics Institute; PhD, 1996, State University of New York, Stony Brook. (2002)

Luca Mazzucato, assistant professor (computational neuroscience). Laurea, 2001, Padua; PhD, 2005, ISAS, Trieste. (2017)

James Murray, assistant professor (computational neuroscience). BS, Montana State; PhD, Johns Hopkins, 2013. (2020)

Maria Nemirovskaya, instructor. MS, 1996, Brigham Young; PhD, 2002, Massachusetts Institute of Technology. (2017)

Tammy Nezel, senior instructor. BA, 2004, BS, 2006, MS, 2008, Oregon. (2008)

Victor V. Ostrik, professor (representation theory). MS, 1995, PhD, 1999, Moscow State. (2003)

Liliana Pazdan-Siudeja, senior instructor. MS, 2010, Illinois, Urbana-Champaign. (2013)

N. Christopher Phillips, professor (functional analysis). AB, 1978, MA, 1980, PhD, 1984, California, Berkeley. (1990)

Alexander Polishchuk, professor (algebraic geometry). MS, 1993, Moscow State; PhD, 1996, Harvard. (2003)

Michael R. Price, senior instructor II; assistant department head. BS, 2003, MS, 2005, Oregon. (2005)

Nicholas J. Proudfoot, professor (algebraic geometry, combinatorics, topological groups). AB, 2000, Harvard; PhD, 2004, California, Berkeley. (2007)

Peter Ralph, associate professor (populations and evolution with genomic data). AB, 2002, PhD, 2009, California, Berkeley. (2016)

Hal Sadofsky, associate professor (algebraic topology, homotopy theory). BS, 1984, Rochester; PhD, 1990, Massachusetts Institute of Technology. (1995)

Bijan Shahir, instructor. MS, 1979, PhD, 1987, Oregon; MSEE, 1999, Washington (Seattle). (2011)

Yefeng Shen, assistant professor (algebraic geometry). BS, 2006, Zhejiang University; MS, 2009, Peking University; PhD, 2013, University of Michigan. (2017)

Christopher D. Sinclair, associate professor (random matrix theory, number theory). BS, 1997, Arizona; PhD, 2005, Texas, Austin. (2009)

Dev P. Sinha, associate professor (algebraic and differential topology). BS, 1993, Massachusetts Institute of Technology; PhD, 1997, Stanford. (2001)

David C Steinberg, senior instructor. BSc, 2004, Alberta; MA, 2006, State University of New York, Binghamton; PhD, 2012, British Columbia. (2013)

Jennifer Thorenson, senior instructor. BS, 2003, North Dakota State; MS, 2005, PhD, 2013, Montana State. (2013)

Craig Tingey, senior instructor. BA, BS, 1989, MS, 1991, Utah. (2001)

Kathy Trigueiro, senior instructor emerita

Arkady Vaintrob, associate professor (algebraic geometry, Lie theory and representation theory, mathematical physics). BA, 1976, Moscow Institute of Railway Engineering; MS, 1979, PhD, 1987, Moscow State. (2000)

Kai Shyang Wang, instructor. MA, 1985, California, Berkeley. (2009)

Micah Warren, associate professor (geometric analysis). BS, 2000, Pacific Lutheran; MS, 2006, PhD, 2008, Washington (Seattle). (2012)

Yuan Xu, professor (numerical analysis). BS, 1982, Northwestern (China); MS, 1984, Beijing Institute of Aeronautics and Astronautics; PhD, 1988, Temple. (1992)

Benjamin Young, associate professor (combinatorics). BS, 2001, MS, 2002, Carleton; PhD, 2008, British Columbia. (2012)

## Emeriti

Bruce A. Barnes, professor emeritus. BA, 1960, Dartmouth College; PhD, 1964, Cornell. (1966)

Richard B. Barrar, professor emeritus. BS, 1947, MS, 1948, PhD, 1952, Michigan. (1967)

Glenn T. Beelman, senior instructor emeritus. BS, 1938, South Dakota State; AM, 1962, George Washington. (1966)

Charles W. Curtis, professor emeritus. BA, 1947, Bowdoin; MA, 1948, PhD, 1951, Yale. (1963)

Micheal N. Dyer, professor emeritus. BA, 1960, Rice; PhD, 1965, California, Los Angeles. (1967)

Peter B. Gilkey, professor (global analysis, differential geometry). BS, MA, 1967, Yale; PhD, 1972, Harvard. (1981)

James A. Isenberg, professor (mathematical physics, differential geometry, nonlinear partial differential equations). AB, 1973, Princeton; PhD, 1979, Maryland. (1982)

William M. Kantor, professor emeritus. BS, 1964, Brooklyn; MA, 1965, PhD, 1968, Wisconsin, Madison. (1971)

Richard M. Koch, professor emeritus. BA, 1961, Harvard; PhD, 1964, Princeton. (1966)

Shlomo Libeskind, professor emeritus. BS, 1962, MS, 1965, Technion-Israel Institute of Technology; PhD, 1971, Wisconsin, Madison. (1986)

Theodore W. Palmer, professor emeritus. BA, 1958, MA, 1958, Johns Hopkins; AM, 1959, PhD, 1966, Harvard. (1970)

Kenneth A. Ross, professor emeritus. BS, 1956, Utah; MS, 1958, PhD, 1960, Washington (Seattle). (1964)

Gary M. Seitz, professor emeritus. AB, 1964, MA, 1965, California, Berkeley; PhD, 1968, Oregon. (1970)

Brad S. Shelton, professor emeritus. BA, 1976, Arizona; MS, PhD, 1982, Washington (Seattle). (1985)

Allan J. Sieradski, professor emeritus. BS, 1962, Dayton; MS, 1964, PhD, 1967, Michigan. (1967)

Stuart Thomas, senior instructor emeritus. AB, 1965, California State, Long Beach; MA, 1967, California, Berkeley. (1990)

Kathy Trigueiro, senior instructor emerita

Marie A. Vitulli, professor emerita. BA, 1971, Rochester; MA, 1973, PhD, 1976, Pennsylvania. (1976)

Jerry M. Wolfe, associate professor emeritus. BS, 1966, Oregon State; MA, 1969, PhD, 1972, Washington (Seattle). (1970)

Charles R. B. Wright, professor emeritus. BA, 1956, MA, 1957, Nebraska; PhD, 1959, Wisconsin, Madison. (1961)

Sergey Yuzvinsky, professor (representation theory, combinatorics, multiplication of forms). MA, 1963, PhD, 1966, Leningrad. (1980)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Majors - Bachelor's Degree

- Mathematics (BA/BS) (p. 255)
- Mathematics and Computer Science (BA/BS) (p. 264)

### Minor

- Mathematics (p. 268)

## Graduate Programs

### Major - Master's Degree

- Mathematics (MS) (p. 268)

### Major - Doctoral Degree

- Mathematics (PhD) (p. 269)

## Mathematics (BA/BS)

The field of mathematics sits midway between the sciences and the humanities. Like the sciences, mathematical thought is very analytical, precise, and rigorous. But like the arts and humanities, mathematics is about exploring places of incredible grace and beauty, some of which can only be accessed through the power of imagination. You can explore geometry in ten-dimensional space, learn about advanced and exotic number systems, and study statistical techniques for finding patterns in data sets, all in a supportive and collaborative environment.

Students majoring in mathematics can choose a track from three areas: applied mathematics, pure mathematics, and secondary teaching. Applied mathematics studies physical, biological, and sociological aspects; pure mathematics focuses on the development of mathematical principles for their own sake; and secondary teaching prepares students to teach math. Regardless of your focus, the mathematics major will teach you the art of disciplined and logical thought, skills that are very valuable to future employers. A mathematics degree prepares you for work in fields like engineering, computer programming, information technology, financial planning, data management, business, and education.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency with the calculational techniques and applications of calculus, including the ability to show that limits and derivatives do or do not exist.
- Demonstrate a familiarity with the breadth of mathematics, including linear algebra and at least one area from modern algebra, basic analysis, and number theory.
- Read and write mathematical proofs, producing arguments that are logically and syntactically correct.
- Demonstrate an in-depth understanding of some area of mathematics.
- For students on the secondary education track only: Pass the licensure examination in mathematics.

The department offers undergraduate preparation for positions in government, business, and industry and for graduate work in

mathematics and statistics. Each student's major program is individually constructed in consultation with an advisor.

Upper-division courses used to satisfy major requirements must be taken for letter grades, and only one D grade (D+ or D or D–) may be counted toward the upper-division requirement. At least 12 credits in upper-division mathematics courses must be taken in residence at the university.

Statistical Methods I (MATH 425) cannot be used to satisfy requirements for a mathematics major or minor.

To qualify for a bachelor's degree with a major in mathematics, a student must satisfy the requirements for one of three options: the standard track, pure mathematics, or secondary teaching. In each option, most courses require calculus as a prerequisite, and in each option some of the courses require satisfying the bridge requirement.

- Standard Track (p. 256)
- Pure Mathematics (p. 257)
- Secondary Teaching (p. 257)

## Mathematics Major - Standard Track

| Code                                                                                 | Title                                                       | Credits |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------|---------|
| MATH 253                                                                             | Calculus III                                                | 4       |
| MATH 281–282                                                                         | Several-Variable Calculus I-II                              | 8       |
| MATH 341–342                                                                         | Elementary Linear Algebra                                   | 8       |
| CS 122                                                                               | Introduction to Programming and Problem Solving             | 4       |
| Select one of the following sets of Bridge courses:                                  |                                                             | 12      |
| MATH 231–232 and two of MATH 201–206                                                 |                                                             |         |
| MATH 261–262 and two of MATH 201–206                                                 |                                                             |         |
| MATH 307 and four of MATH 201–206                                                    |                                                             |         |
| Select one of the following Fundamentals sequences:                                  |                                                             | 8       |
| MATH 316–317                                                                         | Fundamentals of Analysis I-II                               |         |
| MATH 347–348                                                                         | Fundamentals of Number Theory I-II                          |         |
| MATH 391–392                                                                         | Fundamentals of Abstract Algebra I-II                       |         |
| Select four of the following, including at least one two-term sequence: <sup>2</sup> |                                                             | 16      |
| MATH 316                                                                             | Fundamentals of Analysis I                                  |         |
| MATH 317                                                                             | Fundamentals of Analysis II                                 |         |
| MATH 320                                                                             | Theory of Differential Equations                            |         |
| MATH 343                                                                             | Statistical Models and Methods <sup>3, 4</sup>              |         |
| MATH 345M                                                                            | Probability and Statistics for Data Science <sup>3, 4</sup> |         |
| DSCI 345M                                                                            | Probability and Statistics for Data Science <sup>3, 4</sup> |         |
| MATH 347                                                                             | Fundamentals of Number Theory I                             |         |
| MATH 348                                                                             | Fundamentals of Number Theory II                            |         |
| MATH 351                                                                             | Elementary Numerical Analysis I                             |         |
| MATH 352                                                                             | Elementary Numerical Analysis II                            |         |
| MATH 391                                                                             | Fundamentals of Abstract Algebra I                          |         |
| MATH 392                                                                             | Fundamentals of Abstract Algebra II                         |         |

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| MATH 394  | Geometries from an Advanced Viewpoint I                               |
| MATH 395  | Geometries from an Advanced Viewpoint II                              |
| MATH 397  | History and Applications of Calculus                                  |
| MATH 411  | Functions of a Complex Variable I                                     |
| MATH 412  | Functions of a Complex Variable II                                    |
| MATH 413  | Introduction to Analysis I                                            |
| MATH 414  | Introduction to Analysis II                                           |
| MATH 415  | Introduction to Analysis III                                          |
| MATH 421M | Partial Differential Equations: Fourier Analysis I                    |
| MATH 422  | Partial Differential Equations: Fourier Analysis II                   |
| MATH 431  | Introduction to Topology I                                            |
| MATH 432  | Introduction to Topology II                                           |
| MATH 433  | Introduction to Differential Geometry                                 |
| MATH 441  | Linear Algebra                                                        |
| MATH 444  | Introduction to Abstract Algebra I                                    |
| MATH 445  | Introduction to Abstract Algebra II                                   |
| MATH 446  | Introduction to Abstract Algebra III                                  |
| MATH 456  | Networks and Combinatorics                                            |
| MATH 458  | Introduction to Mathematical Cryptography                             |
| MATH 461  | Introduction to Mathematical Methods of Statistics I                  |
| MATH 462  | Introduction to Mathematical Methods of Statistics II <sup>3, 4</sup> |
| MATH 463  | Mathematical Methods of Regression Analysis and Analysis of Variance  |
| MATH 467  | Stochastic Processes                                                  |

**Total Credits** **60**

- <sup>1</sup> For students who have completed Calculus with Theory I-III (MATH 261–263) with a grade of mid-C or better, the department will waive the requirement for Fundamentals of Analysis I-II (MATH 316–317).
- <sup>2</sup> Sequences include Fundamentals of Analysis I-II (MATH 316–317), Fundamentals of Number Theory I-II (MATH 347–348), Elementary Numerical Analysis I-II (MATH 351–352), Fundamentals of Abstract Algebra I-II (MATH 391–392), Geometries from an Advanced Viewpoint I-II (MATH 394–395), Functions of a Complex Variable I-II (MATH 411–412), Partial Differential Equations: Fourier Analysis I (MATH 421M) - Partial Differential Equations: Fourier Analysis II (MATH 422), Introduction to Analysis I-III (MATH 413–415), Introduction to Topology (MATH 431–432), Introduction to Abstract Algebra I-III (MATH 444–446), Introduction to Mathematical Methods of Statistics I-II (MATH 461–462), Introduction to Mathematical Methods of Statistics I (MATH 461) - Stochastic Processes (MATH 467); credit for these courses cannot count for both the two-term Fundamentals sequence and the four upper-division electives.
- <sup>3</sup> After completing Introduction to Mathematical Methods of Statistics II (MATH 462), students cannot receive credit for: Statistical Models and Methods (MATH 343), Probability and Statistics for Data Science (MATH 345M), nor Probability and Statistics for Data Science (DSCI 345M).

- <sup>4</sup> Students can only use one of the following toward the two-course upper-division requirement: Statistical Models and Methods (MATH 343), Probability and Statistics for Data Science (MATH 345M), Probability and Statistics for Data Science (DSCI 345M), and Introduction to Mathematical Methods of Statistics II (MATH 462).

## Mathematics Major - Pure Mathematics

| Code                                                    | Title                                                             | Credits |
|---------------------------------------------------------|-------------------------------------------------------------------|---------|
| MATH 253                                                | Calculus III                                                      | 4       |
| MATH 281–282                                            | Several-Variable Calculus I-II                                    | 8       |
| MATH 316–317                                            | Fundamentals of Analysis I-II <sup>1</sup>                        | 8       |
| MATH 341–342                                            | Elementary Linear Algebra                                         | 8       |
| CS 122                                                  | Introduction to Programming and Problem Solving                   | 4       |
| Select one of the following sets of Bridge courses:     |                                                                   | 12      |
| MATH 231–232                                            | Elements of Discrete Mathematics I-II (and two from MATH 201–206) |         |
| MATH 261–262                                            | Calculus with Theory I-II (and two from MATH 201–206)             |         |
| MATH 307                                                | Introduction to Proof (and four from MATH 201–206)                |         |
| Select one of the following Abstract Algebra sequences: |                                                                   | 8       |
| MATH 391–392                                            | Fundamentals of Abstract Algebra I-II                             |         |
| MATH 444–445                                            | Introduction to Abstract Algebra I-II                             |         |
| Select two of the following: <sup>2</sup>               |                                                                   | 8       |
| MATH 320                                                | Theory of Differential Equations                                  |         |
| MATH 343                                                | Statistical Models and Methods <sup>3</sup>                       |         |
| MATH 345M                                               | Probability and Statistics for Data Science <sup>3, 4</sup>       |         |
| DSCI 345M                                               | Probability and Statistics for Data Science <sup>3, 4</sup>       |         |
| MATH 347                                                | Fundamentals of Number Theory I                                   |         |
| MATH 348                                                | Fundamentals of Number Theory II                                  |         |
| MATH 351                                                | Elementary Numerical Analysis I                                   |         |
| MATH 352                                                | Elementary Numerical Analysis II                                  |         |
| MATH 391                                                | Fundamentals of Abstract Algebra I                                |         |
| MATH 392                                                | Fundamentals of Abstract Algebra II                               |         |
| MATH 394                                                | Geometries from an Advanced Viewpoint I                           |         |
| MATH 395                                                | Geometries from an Advanced Viewpoint II                          |         |
| MATH 397                                                | History and Applications of Calculus                              |         |
| MATH 411                                                | Functions of a Complex Variable I                                 |         |
| MATH 412                                                | Functions of a Complex Variable II                                |         |
| MATH 413                                                | Introduction to Analysis I                                        |         |
| MATH 414                                                | Introduction to Analysis II                                       |         |
| MATH 415                                                | Introduction to Analysis III                                      |         |
| MATH 421M                                               | Partial Differential Equations: Fourier Analysis I                |         |
| MATH 422                                                | Partial Differential Equations: Fourier Analysis II               |         |
| MATH 431                                                | Introduction to Topology I                                        |         |
| MATH 432                                                | Introduction to Topology II                                       |         |

|          |                                                                      |
|----------|----------------------------------------------------------------------|
| MATH 433 | Introduction to Differential Geometry                                |
| MATH 441 | Linear Algebra                                                       |
| MATH 444 | Introduction to Abstract Algebra I                                   |
| MATH 445 | Introduction to Abstract Algebra II                                  |
| MATH 446 | Introduction to Abstract Algebra III                                 |
| MATH 461 | Introduction to Mathematical Methods of Statistics I                 |
| MATH 462 | Introduction to Mathematical Methods of Statistics II <sup>3</sup>   |
| MATH 463 | Mathematical Methods of Regression Analysis and Analysis of Variance |
| MATH 467 | Stochastic Processes                                                 |

**Total Credits** **60**

- <sup>1</sup> For students who have completed Calculus with Theory I-III (MATH 261–263) with grades of mid-C or better, the department will waive the requirement for Fundamentals of Analysis I-II (MATH 316–317).
- <sup>2</sup> The two-term abstract algebra sequence—Introduction to Abstract Algebra I (MATH 444), Introduction to Abstract Algebra II (MATH 445)—cannot also count toward the two upper-division electives.
- <sup>3</sup> Students can only use one of the following toward the two-course upper-division requirement: Statistical Models and Methods (MATH 343), Probability and Statistics for Data Science (MATH 345M), Probability and Statistics for Data Science (DSCI 345M), and Introduction to Mathematical Methods of Statistics II (MATH 462).
- <sup>4</sup> After completing Introduction to Mathematical Methods of Statistics II (MATH 462), students cannot receive credit for: Statistical Models and Methods (MATH 343), Probability and Statistics for Data Science (MATH 345M), nor Probability and Statistics for Data Science (DSCI 345M).

## Mathematics Major - Secondary Teaching

| Code                                                             | Title                                                             | Credits |
|------------------------------------------------------------------|-------------------------------------------------------------------|---------|
| MATH 253                                                         | Calculus III                                                      | 4       |
| MATH 281                                                         | Several-Variable Calculus I                                       | 4       |
| MATH 341                                                         | Elementary Linear Algebra                                         | 4       |
| MATH 343                                                         | Statistical Models and Methods                                    | 4       |
| CS 122                                                           | Introduction to Programming and Problem Solving                   | 4       |
| Select one of the following sets of Bridge courses:              |                                                                   | 12      |
| MATH 231–232                                                     | Elements of Discrete Mathematics I-II (and two from MATH 201–206) |         |
| MATH 261–262                                                     | Calculus with Theory I-II (and two from MATH 201–206)             |         |
| MATH 307                                                         | Introduction to Proof (and from from MATH 201–206)                |         |
| Select two of the following Fundamentals sequences: <sup>1</sup> |                                                                   | 16      |
| MATH 316–317                                                     | Fundamentals of Analysis I-II                                     |         |
| MATH 347–348                                                     | Fundamentals of Number Theory I-II                                |         |
| MATH 391–392                                                     | Fundamentals of Abstract Algebra I-II                             |         |



|               |                                            |    |
|---------------|--------------------------------------------|----|
| MATH 394–395  | Geometries from an Advanced Viewpoint I–II | 8  |
| MATH 397      | History and Applications of Calculus       | 4  |
| Total Credits |                                            | 60 |

<sup>1</sup> For students who have completed Calculus with Theory I–III (MATH 261–263) with grades of mid-C or better, the department will waive the requirement for Fundamentals of Analysis I–II (MATH 316–317).

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

To enroll with courses that have prerequisites, students must complete the prerequisite course with grades of C– or better or P. All upper-division mathematics courses must be taken for letter grades to count toward a mathematics major or minor, and only one D grade (D+ or D or D–) may be counted toward the upper-division requirements for the major or minor.

- Standard Track
- Pure Mathematics (p. 260)
- Secondary Teaching (p. 262)

## Bachelor of Arts in Mathematics: Standard Track

| Course                                             | Title                               | Credits | Milestones |
|----------------------------------------------------|-------------------------------------|---------|------------|
| First Year                                         |                                     |         |            |
| Fall                                               |                                     |         |            |
| MATH 203                                           | Analysis and Number Theory Math Lab | 2       |            |
| MATH 251                                           | Calculus I                          | 4       |            |
| WR 121Z                                            | Composition I                       | 4       |            |
| First term of first-year second-language sequence  |                                     | 5       |            |
| Credits                                            |                                     | 15      |            |
| Winter                                             |                                     |         |            |
| MATH 252                                           | Calculus II                         | 4       |            |
| WR 122Z                                            | Composition II                      | 4       |            |
| or WR 123                                          | or College Composition III          |         |            |
| MATH 201                                           | Algebra Math Lab                    | 2       |            |
| Second term of first-year second-language sequence |                                     | 5       |            |
| Credits                                            |                                     | 15      |            |
| Spring                                             |                                     |         |            |
| MATH 253                                           | Calculus III                        | 4       |            |
| Third term of first-year second-language sequence  |                                     | 5       |            |
| Social science area-satisfying course              |                                     | 4       |            |
| Science group area-satisfying course               |                                     | 4       |            |
| Credits                                            |                                     | 17      |            |
| Second Year                                        |                                     |         |            |
| Fall                                               |                                     |         |            |
| MATH 281                                           | Several-Variable Calculus I         | 4       |            |
| MATH 341                                           | Elementary Linear Algebra           | 4       |            |
| Arts and letters area-satisfying course            |                                     | 4       |            |
| First term of second-year second-language sequence |                                     | 4       |            |
| Credits                                            |                                     | 16      |            |

|                                                     |                              |   |
|-----------------------------------------------------|------------------------------|---|
| Winter                                              |                              |   |
| MATH 282                                            | Several-Variable Calculus II | 4 |
| MATH 342                                            | Elementary Linear Algebra    | 4 |
| Second term of second-year second-language sequence |                              | 4 |
| Social science area-satisfying course               |                              | 4 |

Credits 16

|                                                    |                       |                                               |
|----------------------------------------------------|-----------------------|-----------------------------------------------|
| Spring                                             |                       |                                               |
| MATH 202                                           | Geometry Math Lab     | 2                                             |
| MATH 205                                           | Foundations Math Lab  | 2                                             |
| MATH 307                                           | Introduction to Proof | 4                                             |
|                                                    |                       | Mathematics major bridge requiremer completed |
| Third term of second-year second-language sequence |                       | 4                                             |
|                                                    |                       | BA language requirement completed             |

|                                |   |
|--------------------------------|---|
| Science area-satisfying course | 4 |
|--------------------------------|---|

Credits 16

|                                          |                            |                                    |
|------------------------------------------|----------------------------|------------------------------------|
| Third Year                               |                            |                                    |
| Fall                                     |                            |                                    |
| MATH 316                                 | Fundamentals of Analysis I | 4                                  |
| Arts and letters group satisfying course |                            | 4                                  |
| Science group-satisfying course          |                            | 4                                  |
|                                          |                            | Science group requiremer completed |
| Upper-division Elective                  |                            | 4                                  |

Credits 16

|                                          |                             |                                                      |
|------------------------------------------|-----------------------------|------------------------------------------------------|
| Winter                                   |                             |                                                      |
| MATH 317                                 | Fundamentals of Analysis II | 4                                                    |
|                                          |                             | Mathematics major fundamentals requirement completed |
| Social science group satisfying course   |                             | 4                                                    |
| Arts and letters group satisfying course |                             | 4                                                    |
| Upper-division elective                  |                             | 4                                                    |

Credits 16

|                                       |                                                 |                                          |
|---------------------------------------|-------------------------------------------------|------------------------------------------|
| Spring                                |                                                 |                                          |
| MATH 458                              | Introduction to Mathematical Cryptography       | 4                                        |
| CS 122                                | Introduction to Programming and Problem Solving | 4                                        |
| Social science area satisfying course |                                                 | 4                                        |
|                                       |                                                 | Social science area requiremer completed |

|                                         |                                                             |            |
|-----------------------------------------|-------------------------------------------------------------|------------|
| Arts and letters area satisfying course | Arts and letters area requirement completed                 | 4          |
| <b>Credits</b>                          |                                                             | <b>16</b>  |
| <b>Fourth Year</b>                      |                                                             |            |
| <b>Fall</b>                             |                                                             |            |
| MATH 461                                | Introduction to Mathematical Methods of Statistics I        | 4          |
| Upper-division elective                 |                                                             | 4          |
| Upper-division elective                 | Completed the multicultural requirement                     | 4          |
| <b>Credits</b>                          |                                                             | <b>12</b>  |
| <b>Winter</b>                           |                                                             |            |
| MATH 462                                | Introduction to Mathematical Methods of Statistics II       | 4          |
| Upper-division elective                 | Upper-division mathematics sequence completed               | 4          |
| Upper-division elective                 | Need 26 upper-division credits beyond the mathematics major | 4          |
| <b>Credits</b>                          |                                                             | <b>12</b>  |
| <b>Spring</b>                           |                                                             |            |
| MATH 397                                | History and Applications of Calculus                        | 4          |
| Upper-division elective                 | Mathematics major requirements completed                    | 4          |
| Elective                                |                                                             | 4          |
| Elective                                | 180 credits completed                                       | 4          |
| <b>Credits</b>                          |                                                             | <b>16</b>  |
| <b>Total Credits</b>                    |                                                             | <b>183</b> |

## Bachelor of Science in Mathematics: Standard Track

| Course                                 | Title         | Credits | Milestones                            |
|----------------------------------------|---------------|---------|---------------------------------------|
| <b>First Year</b>                      |               |         |                                       |
| <b>Fall</b>                            |               |         |                                       |
| MATH 251                               | Calculus I    | 4       | BS mathematics requirement completed; |
| WR 121Z                                | Composition I | 4       |                                       |
| Social science group-satisfying course |               | 4       |                                       |

|                                          |                                              |                                                 |    |
|------------------------------------------|----------------------------------------------|-------------------------------------------------|----|
| Science group-satisfying course          |                                              |                                                 | 4  |
| Credits                                  |                                              |                                                 | 16 |
| Winter                                   |                                              |                                                 |    |
| WR 122Z<br>or WR 123                     | Composition II<br>or College Composition III |                                                 | 4  |
| Arts and letters group-satisfying course |                                              |                                                 | 4  |
| MATH 201                                 | Algebra Math Lab                             |                                                 | 2  |
| MATH 206                                 | Combinatorics Math Lab                       |                                                 | 2  |
| MATH 252                                 | Calculus II                                  |                                                 | 4  |
| Credits                                  |                                              |                                                 | 16 |
| Spring                                   |                                              |                                                 |    |
| MATH 253                                 | Calculus III                                 |                                                 | 4  |
| Arts and letters group-satisfying course |                                              |                                                 | 4  |
| Social science group-satisfying course   |                                              |                                                 | 4  |
| Elective                                 |                                              |                                                 | 4  |
| Credits                                  |                                              |                                                 | 16 |
| Second Year                              |                                              |                                                 |    |
| Fall                                     |                                              |                                                 |    |
| MATH 202                                 | Geometry Math Lab                            |                                                 | 2  |
| MATH 205                                 | Foundations Math Lab                         |                                                 | 2  |
| MATH 281                                 | Several-Variable Calculus I                  |                                                 | 4  |
| Arts and letters group-satisfying course |                                              |                                                 | 4  |
| Science group-satisfying course          |                                              |                                                 | 4  |
| Credits                                  |                                              |                                                 | 16 |
| Winter                                   |                                              |                                                 |    |
| MATH 282                                 | Several-Variable Calculus II                 |                                                 | 4  |
| MATH 341                                 | Elementary Linear Algebra                    |                                                 | 4  |
| Elective                                 |                                              |                                                 | 4  |
| Social science group-satisfying course   |                                              |                                                 | 4  |
| Credits                                  |                                              |                                                 | 16 |
| Spring                                   |                                              |                                                 |    |
| MATH 307                                 | Introduction to Proof                        | Mathematical major bridge requirement completed | 4  |
| MATH 342                                 | Elementary Linear Algebra                    |                                                 | 4  |
| Arts and letters group-satisfying course |                                              | Arts and letters group requirement completed    | 4  |
| Science group-satisfying course          |                                              |                                                 | 4  |
| Credits                                  |                                              |                                                 | 16 |

|                                        |                                    |   |                                            |
|----------------------------------------|------------------------------------|---|--------------------------------------------|
| <b>Third Year</b>                      |                                    |   |                                            |
| <b>Fall</b>                            |                                    |   |                                            |
| CS 210                                 | Computer Science I                 | 4 |                                            |
| MATH 391                               | Fundamentals of Abstract Algebra I | 4 |                                            |
| Social science group-satisfying course |                                    | 4 | Social science group requirement completed |

|                         |                                              |                                                                                     |     |
|-------------------------|----------------------------------------------|-------------------------------------------------------------------------------------|-----|
| Upper-division Elective |                                              |                                                                                     | 4   |
| Credits                 |                                              |                                                                                     | 16  |
| Winter                  |                                              |                                                                                     |     |
| MATH 392                | Fundamentals of Abstract Algebra II          | Mathematical major<br>fundamental<br>requirement<br>completed                       | 4   |
| Upper-division elective |                                              |                                                                                     | 4   |
| Elective                |                                              |                                                                                     | 4   |
| Elective                |                                              |                                                                                     | 4   |
| Credits                 |                                              |                                                                                     | 16  |
| Spring                  |                                              |                                                                                     |     |
| MATH 397                | History and Applications of Calculus         |                                                                                     | 4   |
| Upper-division elective |                                              |                                                                                     | 4   |
| Upper-division elective |                                              |                                                                                     | 4   |
| Elective                |                                              |                                                                                     | 4   |
| Credits                 |                                              |                                                                                     | 16  |
| Fourth Year             |                                              |                                                                                     |     |
| Fall                    |                                              |                                                                                     |     |
| MATH 444                | Introduction to Abstract Algebra I           |                                                                                     | 4   |
| Upper-division elective |                                              |                                                                                     | 4   |
| Elective                |                                              | Completed<br>multicultural<br>requirement                                           | 4   |
| Credits                 |                                              |                                                                                     | 12  |
| Winter                  |                                              |                                                                                     |     |
| MATH 445                | Introduction to Abstract Algebra II          | Mathematical<br>major<br>upper-<br>division<br>sequence<br>requirement<br>completed | 4   |
| Upper-division elective |                                              |                                                                                     | 4   |
| Upper-division elective |                                              |                                                                                     | 4   |
| Credits                 |                                              |                                                                                     | 12  |
| Spring                  |                                              |                                                                                     |     |
| MATH 458                | Introduction to Mathematical<br>Cryptography | Mathematical<br>major<br>completed                                                  | 4   |
| Elective                |                                              |                                                                                     | 4   |
| Elective                |                                              | 180<br>credits<br>completed                                                         | 4   |
| Credits                 |                                              |                                                                                     | 12  |
| Total Credits           |                                              |                                                                                     | 180 |

Bachelor of Arts in Mathematics: Pure Mathematics

| Course     | Title                               | Credits Milestones |
|------------|-------------------------------------|--------------------|
| First Year |                                     |                    |
| Fall       |                                     |                    |
| MATH 203   | Analysis and Number Theory Math Lab | 2                  |

|                                                     |                              |                                        |                                    |
|-----------------------------------------------------|------------------------------|----------------------------------------|------------------------------------|
| MATH 251                                            | Calculus I                   |                                        | 4                                  |
| WR 121Z                                             | Composition I                |                                        | 4                                  |
| First term of first-year second-language sequence   |                              |                                        | 5                                  |
| Credits                                             |                              |                                        | 15                                 |
| Winter                                              |                              |                                        |                                    |
| WR 122Z                                             | Composition II               |                                        | 4                                  |
| or WR 123                                           | or College Composition III   |                                        |                                    |
| MATH 201                                            | Algebra Math Lab             |                                        | 2                                  |
| MATH 252                                            | Calculus II                  |                                        | 4                                  |
| Second term of first-year second-language sequence  |                              |                                        | 5                                  |
| Credits                                             |                              |                                        | 15                                 |
| Spring                                              |                              |                                        |                                    |
| MATH 253                                            | Calculus III                 |                                        | 4                                  |
| Third term of first-year second-language sequence   |                              |                                        | 5                                  |
| Social science group-satisfying course              |                              |                                        | 4                                  |
| Science group group-satisfying course               |                              |                                        | 4                                  |
| Credits                                             |                              |                                        | 17                                 |
| Second Year                                         |                              |                                        |                                    |
| Fall                                                |                              |                                        |                                    |
| MATH 281                                            | Several-Variable Calculus I  |                                        | 4                                  |
| MATH 341                                            | Elementary Linear Algebra    |                                        | 4                                  |
| Arts and letters group-satisfying course            |                              |                                        | 4                                  |
| First term of second-year second-language sequence  |                              |                                        | 4                                  |
| Credits                                             |                              |                                        | 16                                 |
| Winter                                              |                              |                                        |                                    |
| MATH 282                                            | Several-Variable Calculus II |                                        | 4                                  |
| MATH 342                                            | Elementary Linear Algebra    |                                        | 4                                  |
| Second term of second-year second-language sequence |                              |                                        | 4                                  |
| Social science group-satisfying course              |                              |                                        | 4                                  |
| Credits                                             |                              |                                        | 16                                 |
| Spring                                              |                              |                                        |                                    |
| MATH 202                                            | Geometry Math Lab            |                                        | 2                                  |
| MATH 205                                            | Foundations Math Lab         |                                        | 2                                  |
| MATH 307                                            | Introduction to Proof        | MATH major Bridge requiremer completed | 4                                  |
| Third term of second-year second-language sequence  |                              |                                        | 4                                  |
|                                                     |                              |                                        | BA language requirement completed  |
| Science group-satisfying course                     |                              |                                        | 4                                  |
| Credits                                             |                              |                                        | 16                                 |
| Third Year                                          |                              |                                        |                                    |
| Fall                                                |                              |                                        |                                    |
| MATH 316                                            | Fundamentals of Analysis I   |                                        | 4                                  |
| Arts and letters group satisfying course            |                              |                                        | 4                                  |
| Science group-satisfying course                     |                              |                                        | 4                                  |
|                                                     |                              |                                        | Science group requiremer completed |

|                                          |                                                                      |                                                   |           |
|------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------|-----------|
| Upper-division Elective                  |                                                                      |                                                   | 4         |
| <b>Credits</b>                           |                                                                      |                                                   | <b>16</b> |
| <b>Winter</b>                            |                                                                      |                                                   |           |
| MATH 317                                 | Fundamentals of Analysis II                                          | MATH major Analysis requirement completed         | 4         |
| Social science group satisfying course   |                                                                      |                                                   | 4         |
| Arts and letters group satisfying course |                                                                      |                                                   | 4         |
| Upper-division elective                  |                                                                      |                                                   | 4         |
| <b>Credits</b>                           |                                                                      |                                                   | <b>16</b> |
| <b>Spring</b>                            |                                                                      |                                                   |           |
| CS 122                                   | Introduction to Programming and Problem Solving                      |                                                   | 4         |
| MATH 433                                 | Introduction to Differential Geometry                                |                                                   | 4         |
| Social science group satisfying course   |                                                                      | Social science group requiremer completed         | 4         |
| Arts and letters group satisfying course |                                                                      | Arts and letters group requirement completed      | 4         |
| <b>Credits</b>                           |                                                                      |                                                   | <b>16</b> |
| <b>Fourth Year</b>                       |                                                                      |                                                   |           |
| <b>Fall</b>                              |                                                                      |                                                   |           |
| MATH 444                                 | Introduction to Abstract Algebra I                                   |                                                   | 4         |
| Upper-division elective                  |                                                                      |                                                   | 4         |
| Upper-division elective                  |                                                                      | Complete the multi-cultural requirement by now    | 4         |
| <b>Credits</b>                           |                                                                      |                                                   | <b>12</b> |
| <b>Winter</b>                            |                                                                      |                                                   |           |
| MATH 445                                 | Introduction to Abstract Algebra II                                  | MATH major Abstract Algebra requirement completed | 4         |
| Upper-division elective                  |                                                                      |                                                   | 4         |
| Upper-division elective                  |                                                                      |                                                   | 4         |
| <b>Credits</b>                           |                                                                      |                                                   | <b>12</b> |
| <b>Spring</b>                            |                                                                      |                                                   |           |
| MATH 320                                 | Theory of Differential Equations (MATH major requirements completed) |                                                   | 4         |
| Upper-division elective                  |                                                                      |                                                   | 4         |
| Elective                                 |                                                                      |                                                   | 4         |

|                      |                       |            |
|----------------------|-----------------------|------------|
| Elective             | 180 credits completed | 4          |
| <b>Credits</b>       |                       | <b>16</b>  |
| <b>Total Credits</b> |                       | <b>183</b> |

## Bachelor of Science in Mathematics: Pure Mathematics

| Course                                   | Title                                                                             | Credits                                | Milestones |
|------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------|------------|
| <b>First Year</b>                        |                                                                                   |                                        |            |
| <b>Fall</b>                              |                                                                                   |                                        |            |
| WR 121Z                                  | Composition I                                                                     |                                        | 4          |
| MATH 251                                 | Calculus I (Only one MATH course can be counted toward science group requirement) | BS MATH requiremer completed           | 4          |
| Social science group-satisfying course   |                                                                                   |                                        | 4          |
| Science group-satisfying course          |                                                                                   |                                        | 4          |
| <b>Credits</b>                           |                                                                                   |                                        | <b>16</b>  |
| <b>Winter</b>                            |                                                                                   |                                        |            |
| WR 122Z                                  | Composition II or WR 123 or College Composition III                               |                                        | 4          |
| MATH 201                                 | Algebra Math Lab                                                                  |                                        | 2          |
| MATH 206                                 | Combinatorics Math Lab                                                            |                                        | 2          |
| MATH 252                                 | Calculus II                                                                       |                                        | 4          |
| Arts and letters group-satisfying course |                                                                                   |                                        | 4          |
| <b>Credits</b>                           |                                                                                   |                                        | <b>16</b>  |
| <b>Spring</b>                            |                                                                                   |                                        |            |
| MATH 253                                 | Calculus III                                                                      |                                        | 4          |
| Arts and letters group-satisfying course |                                                                                   |                                        | 4          |
| Social science group-satisfying course   |                                                                                   |                                        | 4          |
| Elective                                 |                                                                                   |                                        | 4          |
| <b>Credits</b>                           |                                                                                   |                                        | <b>16</b>  |
| <b>Second Year</b>                       |                                                                                   |                                        |            |
| <b>Fall</b>                              |                                                                                   |                                        |            |
| MATH 202                                 | Geometry Math Lab                                                                 |                                        | 2          |
| MATH 205                                 | Foundations Math Lab                                                              |                                        | 2          |
| MATH 281                                 | Several-Variable Calculus I                                                       |                                        | 4          |
| Arts and letters group-satisfying course |                                                                                   |                                        | 4          |
| Science group-satisfying course          |                                                                                   |                                        | 4          |
| <b>Credits</b>                           |                                                                                   |                                        | <b>16</b>  |
| <b>Winter</b>                            |                                                                                   |                                        |            |
| MATH 282                                 | Several-Variable Calculus II                                                      |                                        | 4          |
| MATH 341                                 | Elementary Linear Algebra                                                         |                                        | 4          |
| Elective                                 |                                                                                   |                                        | 4          |
| Social science group-satisfying course   |                                                                                   |                                        | 4          |
| <b>Credits</b>                           |                                                                                   |                                        | <b>16</b>  |
| <b>Spring</b>                            |                                                                                   |                                        |            |
| MATH 307                                 | Introduction to Proof                                                             | MATH major Bridge requiremer completed | 4          |
| MATH 342                                 | Elementary Linear Algebra                                                         |                                        | 4          |

|                                          |                                     |                                                  |    |
|------------------------------------------|-------------------------------------|--------------------------------------------------|----|
| Arts and letters group-satisfying course |                                     | Arts and letters group requiremer completed      | 4  |
| Science group-satisfying course          |                                     |                                                  | 4  |
| Credits                                  |                                     |                                                  | 16 |
| Third Year                               |                                     |                                                  |    |
| Fall                                     |                                     |                                                  |    |
| CS 210                                   | Computer Science I                  |                                                  | 4  |
| MATH 391                                 | Fundamentals of Abstract Algebra I  |                                                  | 4  |
| Social science group-satisfying course   |                                     | Social science group requirement completed       | 4  |
| Upper-division Elective                  |                                     |                                                  | 4  |
| Credits                                  |                                     |                                                  | 16 |
| Winter                                   |                                     |                                                  |    |
| MATH 392                                 | Fundamentals of Abstract Algebra II | MATH major Abstract Algebra requiremer completed | 4  |
| Upper-division elective                  |                                     |                                                  | 4  |
| Elective                                 |                                     |                                                  | 4  |
| Elective                                 |                                     |                                                  | 4  |
| Credits                                  |                                     |                                                  | 16 |
| Spring                                   |                                     |                                                  |    |
| MATH 320                                 | Theory of Differential Equations    |                                                  | 4  |
| Upper-division elective                  |                                     |                                                  | 4  |
| Upper-division elective                  |                                     |                                                  | 4  |
| Elective                                 |                                     |                                                  | 4  |
| Credits                                  |                                     |                                                  | 16 |
| Fourth Year                              |                                     |                                                  |    |
| Fall                                     |                                     |                                                  |    |
| MATH 316                                 | Fundamentals of Analysis I          |                                                  | 4  |
| Upper-division elective                  |                                     |                                                  | 4  |
| Elective                                 |                                     | Complete the multi-cultural requiremer by now    | 4  |
| Credits                                  |                                     |                                                  | 12 |
| Winter                                   |                                     |                                                  |    |
| MATH 317                                 | Fundamentals of Analysis II         | MATH major Analysis requiremer complete          | 4  |
| Upper-division elective                  |                                     |                                                  | 4  |
| Upper-division elective                  |                                     |                                                  | 4  |
| Credits                                  |                                     |                                                  | 12 |

**Spring**

|                      |                                           |                       |            |
|----------------------|-------------------------------------------|-----------------------|------------|
| MATH 458             | Introduction to Mathematical Cryptography | MATH major completed  | 4          |
| Elective             |                                           |                       | 4          |
| Elective             |                                           | 180 credits completed | 4          |
| <b>Credits</b>       |                                           |                       | <b>12</b>  |
| <b>Total Credits</b> |                                           |                       | <b>180</b> |

**Bachelor of Arts in Mathematics: Secondary Teaching**

| Course                                              | Title                                                                             | Credits | Milestones |
|-----------------------------------------------------|-----------------------------------------------------------------------------------|---------|------------|
| <b>First Year</b>                                   |                                                                                   |         |            |
| <b>Fall</b>                                         |                                                                                   |         |            |
| WR 121Z                                             | Composition I                                                                     |         | 4          |
| MATH 203                                            | Analysis and Number Theory Math Lab                                               |         | 2          |
| MATH 251                                            | Calculus I (Only one MATH course can be counted toward science group requirement) |         | 4          |
| First term of first-year second-language sequence   |                                                                                   |         | 5          |
| <b>Credits</b>                                      |                                                                                   |         | <b>15</b>  |
| <b>Winter</b>                                       |                                                                                   |         |            |
| WR 122Z                                             | Composition II                                                                    |         | 4          |
|                                                     | or WR 123 or College Composition III                                              |         |            |
| MATH 201                                            | Algebra Math Lab                                                                  |         | 2          |
| MATH 252                                            | Calculus II                                                                       |         | 4          |
| Second term of first-year second-language sequence  |                                                                                   |         | 5          |
| <b>Credits</b>                                      |                                                                                   |         | <b>15</b>  |
| <b>Spring</b>                                       |                                                                                   |         |            |
| MATH 253                                            | Calculus III                                                                      |         | 4          |
| Third term of first-year second-language sequence   |                                                                                   |         | 5          |
| Social science group-satisfying course              |                                                                                   |         | 4          |
| Science group-satisfying course                     |                                                                                   |         | 4          |
| <b>Credits</b>                                      |                                                                                   |         | <b>17</b>  |
| <b>Second Year</b>                                  |                                                                                   |         |            |
| <b>Fall</b>                                         |                                                                                   |         |            |
| MATH 281                                            | Several-Variable Calculus I                                                       |         | 4          |
| MATH 341                                            | Elementary Linear Algebra                                                         |         | 4          |
| Arts and letters group-satisfying course            |                                                                                   |         | 4          |
| First term of second-year second-language sequence  |                                                                                   |         | 4          |
| <b>Credits</b>                                      |                                                                                   |         | <b>16</b>  |
| <b>Winter</b>                                       |                                                                                   |         |            |
| CS 122                                              | Introduction to Programming and Problem Solving                                   |         | 4          |
| MATH 307                                            | Introduction to Proof                                                             |         | 4          |
| Second term of second-year second-language sequence |                                                                                   |         | 4          |
| Social science group-satisfying course              |                                                                                   |         | 4          |
| <b>Credits</b>                                      |                                                                                   |         | <b>16</b>  |
| <b>Spring</b>                                       |                                                                                   |         |            |
| MATH 202                                            | Geometry Math Lab                                                                 |         | 2          |



|                                                    |                                     |                                         |           |
|----------------------------------------------------|-------------------------------------|-----------------------------------------|-----------|
| MATH 205                                           | Foundations Math Lab                | MATH major Bridge requirement completed | 2         |
| MATH 343                                           | Statistical Models and Methods      |                                         | 4         |
| Third term of second-year second-language sequence | BA language requirement completed   |                                         | 4         |
| Science group-satisfying course                    | Science group requirement completed |                                         | 4         |
| <b>Credits</b>                                     |                                     |                                         | <b>16</b> |

**Third Year**

|                                          |                                     |  |           |
|------------------------------------------|-------------------------------------|--|-----------|
| <b>Fall</b>                              |                                     |  |           |
| MATH 391                                 | Fundamentals of Abstract Algebra I  |  | 4         |
| Science group-satisfying course          | Science group requirement completed |  | 4         |
| Arts and letters group satisfying course |                                     |  | 4         |
| Upper-division Elective                  |                                     |  | 4         |
| <b>Credits</b>                           |                                     |  | <b>16</b> |

**Winter**

|                                          |                                     |  |           |
|------------------------------------------|-------------------------------------|--|-----------|
| MATH 392                                 | Fundamentals of Abstract Algebra II |  | 4         |
| Upper-division elective                  |                                     |  | 4         |
| Social science group satisfying course   |                                     |  | 4         |
| Arts and letters group satisfying course |                                     |  | 4         |
| <b>Credits</b>                           |                                     |  | <b>16</b> |

**Spring**

|                                          |                                              |  |           |
|------------------------------------------|----------------------------------------------|--|-----------|
| MATH 397                                 | History and Applications of Calculus         |  | 4         |
| Social science group satisfying course   | Social science group requirement completed   |  | 4         |
| Arts and letters group satisfying course | Arts and letters group requirement completed |  | 4         |
| Elective                                 |                                              |  | 4         |
| <b>Credits</b>                           |                                              |  | <b>16</b> |

**Fourth Year**

|                         |                                                |  |           |
|-------------------------|------------------------------------------------|--|-----------|
| <b>Fall</b>             |                                                |  |           |
| MATH 394                | Geometries from an Advanced Viewpoint I        |  | 4         |
| Upper-division elective |                                                |  | 4         |
| Upper-division elective | Complete the multi-cultural requirement by now |  | 4         |
| <b>Credits</b>          |                                                |  | <b>12</b> |

**Winter**

|                         |                                          |  |   |
|-------------------------|------------------------------------------|--|---|
| MATH 347                | Fundamentals of Number Theory I          |  | 4 |
| MATH 395                | Geometries from an Advanced Viewpoint II |  | 4 |
| Upper-division elective |                                          |  | 4 |
| Upper-division elective |                                          |  | 4 |

**Credits 16****Spring**

|                         |                                  |                       |   |
|-------------------------|----------------------------------|-----------------------|---|
| MATH 348                | Fundamentals of Number Theory II | MATH major completed  | 4 |
| Upper-division elective |                                  |                       | 4 |
| Elective                |                                  | 180 credits completed | 4 |

**Credits 12****Total Credits 183**

## Bachelor of Science in Mathematics: Secondary Teaching

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year**

|                                        |                                                                                   |                               |           |
|----------------------------------------|-----------------------------------------------------------------------------------|-------------------------------|-----------|
| <b>Fall</b>                            |                                                                                   |                               |           |
| WR 121Z                                | Composition I                                                                     |                               | 4         |
| MATH 251                               | Calculus I (Only one MATH course can be counted toward science group requirement) | BS MATH requirement completed | 4         |
| Social science group-satisfying course |                                                                                   |                               | 4         |
| Science group-satisfying course        |                                                                                   |                               | 4         |
| <b>Credits</b>                         |                                                                                   |                               | <b>16</b> |

**Winter**

|                                          |                                                     |  |           |
|------------------------------------------|-----------------------------------------------------|--|-----------|
| WR 122Z                                  | Composition II or WR 123 or College Composition III |  | 4         |
| MATH 201                                 | Algebra Math Lab                                    |  | 2         |
| MATH 206                                 | Combinatorics Math Lab                              |  | 2         |
| MATH 252                                 | Calculus II                                         |  | 4         |
| Arts and letters group-satisfying course |                                                     |  | 4         |
| <b>Credits</b>                           |                                                     |  | <b>16</b> |

**Spring**

|                                          |              |  |   |
|------------------------------------------|--------------|--|---|
| MATH 253                                 | Calculus III |  | 4 |
| Arts and letters group-satisfying course |              |  | 4 |
| Social science group-satisfying course   |              |  | 4 |
| Elective                                 |              |  | 4 |

**Credits 16****Second Year**

|                                          |                             |  |           |
|------------------------------------------|-----------------------------|--|-----------|
| <b>Fall</b>                              |                             |  |           |
| MATH 202                                 | Geometry Math Lab           |  | 2         |
| MATH 205                                 | Foundations Math Lab        |  | 2         |
| MATH 281                                 | Several-Variable Calculus I |  | 4         |
| Arts and letters group-satisfying course |                             |  | 4         |
| Science group-satisfying course          |                             |  | 4         |
| <b>Credits</b>                           |                             |  | <b>16</b> |

**Winter**

|          |                       |                                         |   |
|----------|-----------------------|-----------------------------------------|---|
| MATH 307 | Introduction to Proof | MATH major Bridge requirement completed | 4 |
|----------|-----------------------|-----------------------------------------|---|

|                                        |                           |  |   |
|----------------------------------------|---------------------------|--|---|
| MATH 341                               | Elementary Linear Algebra |  | 4 |
| Elective                               |                           |  | 4 |
| Social science group-satisfying course |                           |  | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|                                          |                                                 |  |   |
|------------------------------------------|-------------------------------------------------|--|---|
| CS 122                                   | Introduction to Programming and Problem Solving |  | 4 |
| MATH 343                                 | Statistical Models and Methods                  |  | 4 |
| Arts and letters group-satisfying course | Arts and letters group requiremer completed     |  | 4 |
| Science group-satisfying course          |                                                 |  | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Third Year****Fall**

|                                        |                                           |  |   |
|----------------------------------------|-------------------------------------------|--|---|
| MATH 391                               | Fundamentals of Abstract Algebra I        |  | 4 |
| Social science group-satisfying course | Social science group requiremer completed |  | 4 |
| Elective                               |                                           |  | 4 |
| Upper-division elective                |                                           |  | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Winter**

|                         |                                     |                                                   |   |
|-------------------------|-------------------------------------|---------------------------------------------------|---|
| MATH 347                | Fundamentals of Number Theory I     |                                                   | 4 |
| MATH 392                | Fundamentals of Abstract Algebra II | MATH major Abstract Algebra requirement completed | 4 |
| Upper-division elective |                                     |                                                   | 4 |
| Elective                |                                     |                                                   | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|                         |                                  |  |   |
|-------------------------|----------------------------------|--|---|
| MATH 348                | Fundamentals of Number Theory II |  | 4 |
| Upper-division elective |                                  |  | 4 |
| Upper-division elective |                                  |  | 4 |
| Elective                |                                  |  | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Fourth Year****Fall**

|                         |                                         |  |   |
|-------------------------|-----------------------------------------|--|---|
| MATH 394                | Geometries from an Advanced Viewpoint I |  | 4 |
| Upper-division elective |                                         |  | 4 |

|          |                                               |   |
|----------|-----------------------------------------------|---|
| Elective | Complete the multi-cultural requiremer by now | 4 |
|----------|-----------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Winter**

|                         |                                          |  |   |
|-------------------------|------------------------------------------|--|---|
| MATH 395                | Geometries from an Advanced Viewpoint II |  | 4 |
| Upper-division elective |                                          |  | 4 |
| Upper-division elective |                                          |  | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Spring**

|          |                                                                          |  |   |
|----------|--------------------------------------------------------------------------|--|---|
| MATH 397 | History and Applications of Calculus (MATH major requirements completed) |  | 4 |
| Elective |                                                                          |  | 4 |
| Elective | 180 credits completed                                                    |  | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

|                      |            |
|----------------------|------------|
| <b>Total Credits</b> | <b>180</b> |
|----------------------|------------|

## Mathematics and Computer Science (BA/BS)

### Arkady Vaintrob and Christopher B. Wilson, Advisors

Students who want training in both mathematics and computer science can declare a joint mathematics and computer science major. This allows them to develop skills and knowledge in both fields. The program develops team players prepared for information-based jobs. MACS students graduate with the tools to analyze complex problems and to compute the answers to them.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency in the main areas of computer science, including data structures and algorithms, computer systems, programming languages, and software development.
- Draw on broad knowledge of computer science to design, implement, and test software solutions to problems in a variety of areas.
- Demonstrate in-depth understanding of some area of computer science (theoretical foundations, computer systems, software development).
- Demonstrate proficiency with the calculational techniques and applications of calculus and linear algebra.
- Read and write mathematical proofs, producing arguments that are logically and syntactically correct.
- Demonstrate an in-depth understanding of some area of mathematics.
- Communicate and collaborate with others and express ideas orally and in writing.

## Mathematics and Computer Science Major Requirements

The requirements for the mathematics and computer science (MACS) major fall into four categories: mathematics, computer science, writing, and science, with 44 credits taken in mathematics, 40 credits in computer science, and 16 credits (science and writing) in other departments.

Computer Science I (CS 210), Computer Science II (CS 211), Computer Science III (CS 212), Elements of Discrete Mathematics I (MATH 231), and Elements of Discrete Mathematics II (MATH 232) must be passed with grades of B– or better before students can take the upper-division core courses. Courses required for the major must be taken for a letter grade. Upper-division courses must be passed with a grade of C– or better.

| Code                                             | Title                                                   | Credits |
|--------------------------------------------------|---------------------------------------------------------|---------|
| <b>Core Courses</b>                              |                                                         |         |
| CS 210–212                                       | Computer Science I-III                                  | 12      |
| MATH 231–232                                     | Elements of Discrete Mathematics I-II                   | 8       |
| MATH 251–253                                     | Calculus I-III                                          | 12      |
| or MATH 261–263                                  | Calculus with Theory I-III                              |         |
| <b>Mathematics Requirements</b>                  |                                                         |         |
| Select one of the following:                     |                                                         |         |
| MATH 316                                         | Fundamentals of Analysis I                              |         |
| MATH 347                                         | Fundamentals of Number Theory I                         |         |
| MATH 391                                         | Fundamentals of Abstract Algebra I                      |         |
| MATH 341–342                                     | Elementary Linear Algebra                               | 8       |
| MATH 351–352                                     | Elementary Numerical Analysis I-II                      | 8       |
| or MATH 461–462                                  | Introduction to Mathematical Methods of Statistics I-II |         |
| Upper-level mathematics course <sup>1</sup>      |                                                         | 4       |
| <b>Computer Science</b>                          |                                                         |         |
| CS 313                                           | Intermediate Data Structures                            | 4       |
| CS 314                                           | Computer Organization                                   | 4       |
| CS 315                                           | Intermediate Algorithms                                 | 4       |
| CS 425                                           | Principles of Programming Languages                     | 4       |
| Select one of the following:                     |                                                         |         |
| CS 322                                           | Introduction to Software Engineering                    |         |
| CS 330                                           | C/C++ and Unix                                          |         |
| CS 420                                           | Automata Theory                                         |         |
| CS 422                                           | Software Methodology I                                  |         |
| Two other upper-division CS courses <sup>2</sup> |                                                         | 8       |
| <b>Writing Requirements</b>                      |                                                         |         |
| WR 320                                           | Scientific and Technical Writing                        | 4       |
| or WR 321                                        | Business Communications                                 |         |
| <b>Science Requirements</b>                      |                                                         |         |
| Select 12 credits from the following:            |                                                         |         |
| <b>Biology <sup>3</sup></b>                      |                                                         |         |
| BI 211                                           | General Biology I: Cells                                |         |
| & BI 213                                         | and General Biology III: Ecology and Evolution          |         |
| or BI 211–212                                    | General Biology I-II                                    |         |
| <b>Chemistry <sup>3</sup></b>                    |                                                         |         |

CH 111 Introduction to Chemical Principles  
or CH 113 The Chemistry of Sustainability  
or CH 221 General Chemistry I  
or CH 224H Advanced General Chemistry I

CH 221–223 General Chemistry  
or CH 224H-Honors General Chemistry 226H

### Geography

GEOG 141 The Natural Environment

Select two of the following:

GEOG 321 Climatology

GEOG 322 Geomorphology

GEOG 323 Biogeography

### Earth Sciences

ERTH 201 Dynamic Planet Earth

ERTH 202 Earth's Surface and Environment

ERTH 203 History of Life

### Physics <sup>3</sup>

PHYS 201–203 General Physics

or PHYS 25 Foundations of Physics I 253

### Psychology

PSY 201 Mind and Brain

Select two of the following:

PSY 301 Scientific Thinking in Psychology

PSY 304 Biopsychology

PSY 305 Cognition

PSY 348 Music and the Brain

**Total Credits** **96**

<sup>1</sup> Excludes Statistical Methods I (MATH 425)

<sup>2</sup> Special Studies: [Topic] (CS 399) and Experimental Course: [Topic] (CS 410) courses used as electives must have a prerequisite of Intermediate Data Structures (CS 313) and have regular class meetings and homework assignments. At least one course must be numbered 410 or above.

<sup>3</sup> Students are encouraged to complete the accompanying lab courses.

## Additional Requirements

Students must earn no grade below a B– in required lower-division mathematics and computer science courses—Computer Science I (CS 210), Computer Science II (CS 211), Computer Science III (CS 212), Elements of Discrete Mathematics I (MATH 231), Elements of Discrete Mathematics II (MATH 232)—for automatic advancement to upper-division computer science courses. At least 12 of the mathematics upper-division credits applied to the degree must be taken in residence at the university. The science courses may be taken pass/no pass (P/N) or for letter grades.

## Major Progress Review and Major in Good Standing

Each major must meet with a CS advisor to file a Major Progress Review form after completing 12 credits of the upper-division core, including at least one course from each department. Mathematics and computer science courses and at least 8 credits of upper-division CS courses

used to satisfy upper-division major requirements must be taken for letter grades and passed with grades of C– or better. At least 12 of the upper-division mathematics credits and 12 of the upper-division computer science credits applied to the degree must be taken in residence at the university. A student who receives two grades below C– in the upper-division core or three grades below C– in any upper-division courses may be removed from the major.

| Code                  | Title                               | Credits |
|-----------------------|-------------------------------------|---------|
| MATH 316              | Fundamentals of Analysis I          | 4       |
| MATH 341              | Elementary Linear Algebra           | 4       |
| MATH 342              | Elementary Linear Algebra           | 4       |
| CS 313                | Intermediate Data Structures        | 4       |
| CS 314                | Computer Organization               | 4       |
| CS 315                | Intermediate Algorithms             | 4       |
| CS 425                | Principles of Programming Languages | 4       |
| One of the following: |                                     |         |
| CS 330                | C/C++ and Unix                      | 4       |
| CS 420                | Automata Theory                     | 4       |
| CS 422                | Software Methodology I              | 4       |

Honors Program

Both of the cooperating departments offer departmental honors programs to their undergraduate majors. After obtaining advance approval from both of their advisors, students in the joint degree program are eligible to attain honors in mathematics and computer science by meeting the honors requirements of either department, including writing a thesis.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in Mathematics and Computer Science

| Course                                              | Title                                           | Credits | Milestones |
|-----------------------------------------------------|-------------------------------------------------|---------|------------|
| First Year                                          |                                                 |         |            |
| Fall                                                |                                                 |         |            |
| CS 122                                              | Introduction to Programming and Problem Solving | 4       |            |
| MATH 112Z                                           | Precalculus II: Trigonometry                    | 4       |            |
| WR 121Z                                             | Composition I                                   | 4       |            |
| First term of second-year second-language sequence  |                                                 | 4       |            |
| Credits                                             |                                                 | 16      |            |
| Winter                                              |                                                 |         |            |
| CS 210                                              | Computer Science I                              | 4       |            |
| MATH 231                                            | Elements of Discrete Mathematics I              | 4       |            |
| WR 122Z                                             | Composition II                                  | 4       |            |
| or WR 123                                           | or College Composition III                      |         |            |
| Second term of second-year second-language sequence |                                                 | 4       |            |
| Credits                                             |                                                 | 16      |            |
| Spring                                              |                                                 |         |            |
| CS 211                                              | Computer Science II                             | 4       |            |
| MATH 232                                            | Elements of Discrete Mathematics II             | 4       |            |

|                                                    |    |
|----------------------------------------------------|----|
| Core-education course in arts and letters          | 4  |
| Third term of second-year second-language sequence | 4  |
| Credits                                            | 16 |
| Total Credits                                      | 48 |

| Course                                       | Title                                      | Credits | Milestones |
|----------------------------------------------|--------------------------------------------|---------|------------|
| Second Year                                  |                                            |         |            |
| Fall                                         |                                            |         |            |
| CS 212                                       | Computer Science III                       | 4       |            |
| MATH 251                                     | Calculus I                                 | 4       |            |
| or                                           | or Calculus for the Biological Sciences I  |         |            |
| MATH 246                                     | Sciences I                                 |         |            |
| or                                           | or Calculus with Theory I                  |         |            |
| MATH 261                                     |                                            |         |            |
| First course of additional science sequence  |                                            | 4       |            |
| Core-education course in social science      |                                            | 4       |            |
| Credits                                      |                                            | 16      |            |
| Winter                                       |                                            |         |            |
| CS 313                                       | Intermediate Data Structures               | 4       |            |
| MATH 252                                     | Calculus II                                | 4       |            |
| or                                           | or Calculus for the Biological Sciences II |         |            |
| MATH 247                                     | Sciences II                                |         |            |
| or                                           | or Calculus with Theory II                 |         |            |
| MATH 262                                     |                                            |         |            |
| Second course of additional science sequence |                                            | 4       |            |
| Core-education arts and letters              |                                            | 4       |            |
| Credits                                      |                                            | 16      |            |
| Spring                                       |                                            |         |            |
| CS 315                                       | Intermediate Algorithms                    | 4       |            |
| MATH 253                                     | Calculus III                               | 4       |            |
| or                                           | or Calculus with Theory III                |         |            |
| MATH 263                                     |                                            |         |            |
| Third course of additional science sequence  |                                            | 4       |            |
| Core-education social science                |                                            | 4       |            |
| Credits                                      |                                            | 16      |            |
| Total Credits                                |                                            | 48      |            |

| Course                                    | Title                                 | Credits | Milestones |
|-------------------------------------------|---------------------------------------|---------|------------|
| Third Year                                |                                       |         |            |
| Fall                                      |                                       |         |            |
| CS 314                                    | Computer Organization                 | 4       |            |
| MATH 316                                  | Fundamentals of Analysis I            | 4       |            |
| or                                        | or Fundamentals of Number Theory I    |         |            |
| MATH 347                                  | or Fundamentals of Abstract Algebra I |         |            |
| or                                        |                                       |         |            |
| MATH 391                                  |                                       |         |            |
| CS 322                                    | Introduction to Software Engineering  | 4       |            |
| Core-education course in arts and letters |                                       | 4       |            |
| Credits                                   |                                       | 16      |            |
| Winter                                    |                                       |         |            |
| CS 322                                    | Introduction to Software Engineering  | 4       |            |
| MATH 341                                  | Elementary Linear Algebra             | 4       |            |
| Core-education course in social science   |                                       | 4       |            |

Core-education course in arts and letters that also satisfies cultural literacy requirement 4

**Credits 16**

### Spring

CS 425 Principles of Programming Languages 4

MATH 342 Elementary Linear Algebra 4

Core-education course in social science that also satisfies cultural literacy requirement 4

Elective course 4

**Credits 16**

**Total Credits 48**

**Course Title Credits Milestones**

### Fourth Year

#### Fall

MATH 351 Elementary Numerical Analysis I 4  
or Introduction to Mathematical  
MATH 461 Methods of Statistics I

Upper-division elective course with CS subject code 4

Elective course 4

**Credits 12**

#### Winter

MATH 352 Elementary Numerical Analysis II 4  
or Introduction to Mathematical  
MATH 462 Methods of Statistics II

Upper-division elective course with CS subject code 4

Elective course 4

**Credits 12**

#### Spring

WR 320 Scientific and Technical Writing 4  
or WR 321 or Business Communications

Upper-division elective course with MATH subject code 4

Elective course 4

**Credits 12**

**Total Credits 36**

## Bachelor of Science in Mathematics and Computer Science

**Course Title Credits Milestones**

### First Year

#### Fall

MATH 112Z Precalculus II: Trigonometry 4

CS 122 Introduction to Programming and Problem Solving 4

WR 121Z Composition I 4

Core-education course in arts and letters 4

**Credits 16**

#### Winter

MATH 231 Elements of Discrete Mathematics I 4

CS 210 Computer Science I 4

WR 122Z Composition II 4  
or WR 123 or College Composition III

Core-education course in social science 4

**Credits 16**

### Spring

MATH 232 Elements of Discrete Mathematics II 4

CS 211 Computer Science II 4

Core-education course in arts and letters 4

Core-education course in social science 4

**Credits 16**

**Total Credits 48**

**Course Title Credits Milestones**

### Second Year

#### Fall

MATH 251 Calculus I 4

CS 212 Computer Science III 4

Core-education course in arts and letters also satisfies a cultural literacy requirement 4

First course of additional science sequence 4

**Credits 16**

#### Winter

CS 313 Intermediate Data Structures 4

MATH 247 Calculus for the Biological Sciences II 4  
or Calculus II

MATH 252 or Calculus with Theory II

or MATH 262

Second course of additional science sequence 4

Core-education course in social science also satisfies a cultural literacy requirement 4

**Credits 16**

### Spring

CS 315 Intermediate Algorithms 4

MATH 253 Calculus III 4  
or Calculus with Theory III

MATH 263

Third course of additional science sequence 4

Core-education course in social science 4

**Credits 16**

**Total Credits 48**

**Course Title Credits Milestones**

### Third Year

#### Fall

CS 314 Computer Organization 4

MATH 316 Fundamentals of Analysis I 4

or Fundamentals of Number Theory I

MATH 347 or Fundamentals of Abstract Algebra I

or MATH 391

CS 322 Introduction to Software Engineering 4

Core-education course in arts and letters 4

**Credits 16**

#### Winter

CS 322 Introduction to Software Engineering 4



|                      |                                     |           |
|----------------------|-------------------------------------|-----------|
| MATH 341             | Elementary Linear Algebra           | 4         |
| Elective courses     |                                     | 8         |
| <b>Credits</b>       |                                     | <b>16</b> |
| <b>Spring</b>        |                                     |           |
| CS 425               | Principles of Programming Languages | 4         |
| MATH 342             | Elementary Linear Algebra           | 4         |
| Elective courses     |                                     | 8         |
| <b>Credits</b>       |                                     | <b>16</b> |
| <b>Total Credits</b> |                                     | <b>48</b> |

| Course                                 | Title                            | Credits   | Milestones |
|----------------------------------------|----------------------------------|-----------|------------|
| <b>Fourth Year</b>                     |                                  |           |            |
| <b>Fall</b>                            |                                  |           |            |
| Elective course with a CS subject code |                                  | 4         |            |
| MATH 351                               | Elementary Numerical Analysis I  | 4         |            |
| or                                     | or Introduction to Mathematical  |           |            |
| MATH 461                               | Methods of Statistics I          |           |            |
| Elective course                        |                                  | 4         |            |
| <b>Credits</b>                         |                                  | <b>12</b> |            |
| <b>Winter</b>                          |                                  |           |            |
| Elective course with a CS subject code |                                  | 4         |            |
| MATH 352                               | Elementary Numerical Analysis II | 4         |            |
| or                                     | or Introduction to Mathematical  |           |            |
| MATH 462                               | Methods of Statistics II         |           |            |
| Elective course                        |                                  | 4         |            |
| <b>Credits</b>                         |                                  | <b>12</b> |            |
| <b>Spring</b>                          |                                  |           |            |
| Elective course with MATH subject code |                                  | 4         |            |
| WR 320                                 | Scientific and Technical Writing | 4         |            |
| or WR 321                              | or Business Communications       |           |            |
| Elective course                        |                                  | 4         |            |
| <b>Credits</b>                         |                                  | <b>12</b> |            |
| <b>Total Credits</b>                   |                                  | <b>36</b> |            |

## Mathematics Minor

The department offers undergraduate preparation for positions in government, business, and industry and for graduate work in mathematics and statistics. Each student's minor program is individually constructed in consultation with an advisor.

**Mathematics and Computer Science majors cannot minor in Mathematics.**

### Minor Requirements

The minor is intended for any student, regardless of major, with a strong interest in mathematics. While students in such closely allied fields as computer science or physics often complete double majors, students with more distantly related majors such as psychology or history may find the minor useful.

The flexibility of the mathematics minor program allows each student, in consultation with a mathematics advisor, to tailor the program to his or her needs.

| Code                                                | Title | Credits |
|-----------------------------------------------------|-------|---------|
| MATH courses at or above the 200-level <sup>1</sup> |       | 30      |
| 15 upper-division MATH credits <sup>2, 3</sup>      |       |         |

- <sup>1</sup> Students cannot receive credit for Statistical Models and Methods (MATH 343), Probability and Statistics for Data Science (MATH 345M), or Probability and Statistics for Data Science (DSCI 345M) after completing Introduction to Mathematical Methods of Statistics II (MATH 462).
- <sup>2</sup> Students may only count one of: Statistical Models and Methods (MATH 343), Probability and Statistics for Data Science (MATH 345M), Introduction to Mathematical Methods of Statistics II (MATH 462) toward the upper-division requirement for the minor.
- <sup>3</sup> Students may not use Statistical Methods I (MATH 425) toward the upper-division requirement for the minor.

To earn a minor in mathematics, a student must complete at least 30 credits in mathematics at the 200 level or higher, with at least 15 upper-division mathematics credits; Statistical Methods I (MATH 425) cannot be used toward the upper-division requirement. A minimum of 15 credits must be taken at the University of Oregon.

Only one D grade (D+ or D or D-) may be counted toward fulfilling the upper-division requirement. All upper-division courses must be taken for letter grades.

## Mathematics (MS)

Master's degree programs are available to suit the needs of students with various objectives. There are programs for students who intend to enter a doctoral program and for those who plan to conclude their formal study of pure or applied mathematics at the master's level.

In addition to general Division of Graduate Studies requirements, the specific graduate program courses and conditions listed below must be fulfilled. More details can be found in the Department of Mathematics *Graduate Student Handbook*, available in the department office and online (<https://math.uoregon.edu/wp-content/uploads/2022/11/Handbook-22-23.pdf>). All mathematics courses applied to degree requirements, including associated reading courses, must be taken for letter grades. A final written or oral examination or both is required for master's degrees except under the pre-PhD option. This examination is waived under circumstances outlined in the departmental *Graduate Student Handbook*.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject knowledge in three core areas.
- Demonstrate ability to learn from non-expository sources.
- Conduct original and substantive research.

#### Explanation:

Demonstrate mastery of subject knowledge in three core areas.  
Explanation: The three core subject areas taught in our department are algebra, topology/geometry, and analysis/probability. Graduate students are expected to attain a mastery of this material at an advanced level for two of the three core areas, and at an intermediate level for the third area.

Demonstrate ability to learn from non-expository sources.

Explanation: Learning material from research papers is different from learning from courses and textbooks. Graduate students are expected to demonstrate the ability to learn material from non-expository sources, including at least one source that is written in French, German, or Russian.

Conduct original and substantive research.

Explanation: The most important requirement completing a Ph.D. in mathematics is producing a dissertation containing original and substantive mathematical work.

The learning outcomes and assessments for students who earn a master's degree consist of a modified version of Learning Outcome #1 for Ph.D. students. To earn a master's degree, a student must complete full-year course sequences in each of the three core areas, one at the 600-level and two at the 500-level, with an average grade of B+ or better and a minimum grade of B or better in each sequence. In addition, the student is required to complete at least 45 graduate credit hours, at least 30 of which are completed in the Department of Mathematics.

## Mathematics Major

| Code                                                                                     | Title                                                                                                                     | Credits     |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Three of the following sequences below with at least one at 600-level<sup>1</sup></b> |                                                                                                                           | <b>30</b>   |
| 500-Level Sequences                                                                      |                                                                                                                           |             |
| MATH 513<br>& MATH 514<br>& MATH 515                                                     | Introduction to Analysis I<br>and Introduction to Analysis II<br>and Introduction to Analysis III                         |             |
| MATH 531<br>& MATH 532<br>& MATH 533                                                     | Introduction to Topology I<br>and Introduction to Topology II<br>and Introduction to Differential Geometry                |             |
| or MATH 53<br>& MATH 532<br>& MATH 534                                                   | Introduction to Topology I<br>and Introduction to Topology II<br>and Introduction to Topology III                         |             |
| MATH 544<br>& MATH 545<br>& MATH 546                                                     | Introduction to Abstract Algebra I<br>and Introduction to Abstract Algebra II<br>and Introduction to Abstract Algebra III |             |
| 600-Level Sequences                                                                      |                                                                                                                           |             |
| MATH 647<br>& MATH 648<br>& MATH 649                                                     | Abstract Algebra<br>and Abstract Algebra<br>and Abstract Algebra                                                          |             |
| MATH 634<br>& MATH 635<br>& MATH 636                                                     | Algebraic Topology<br>and Algebraic Topology<br>and Algebraic Topology                                                    |             |
| MATH 637<br>& MATH 638<br>& MATH 639                                                     | Differential Geometry<br>and Differential Geometry<br>and Differential Geometry                                           |             |
| MATH 616<br>& MATH 617<br>& MATH 618                                                     | Real Analysis<br>and Real Analysis<br>and Real Analysis                                                                   |             |
| MATH 616<br>& MATH 672<br>& MATH 673                                                     | Real Analysis<br>and Theory of Probability<br>and Theory of Probability                                                   |             |
| MATH 607<br>& 607<br>& 607                                                               | Seminar: [Topic]<br>and Seminar: [Topic]<br>and Seminar: [Topic] <sup>2</sup>                                             |             |
| <b>Electives<sup>3</sup></b>                                                             |                                                                                                                           | <b>9-15</b> |
| <b>Total Credit Requirement:</b>                                                         |                                                                                                                           | <b>45</b>   |

- <sup>1</sup> At least 9 credits of 600-level mathematics courses. Excluding Reading and Conference: [Topic] (MATH 605).
- <sup>2</sup> Only MATH 607 courses in the "applied math" sequence count toward this requirement.
- <sup>3</sup> Up to 15 credits can be taken outside of mathematics.

Students should also have taken a three-term upper-division or graduate sequence in statistics, numerical analysis, computing, or other applied mathematics.

## Mathematics (PhD)

The Mathematics Department at the University of Oregon offers a PhD in a variety of areas of mathematics. The American Mathematical Society has ranked us in the top group of U.S. research departments. The department has distinguished research groups in algebra, analysis, topology, geometry, probability, number theory, and mathematical biology. We are large enough to provide the quality and breadth required for a major research department, yet small enough so that graduate students have close interactions with the faculty. There are about 30 faculty members and 65 graduate students.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject knowledge in three core areas.
- Demonstrate ability to learn from non-expository sources.
- Conduct original and substantive research.

### Explanation:

Demonstrate mastery of subject knowledge in three core areas.

Explanation: The three core subject areas taught in our department are algebra, topology/geometry, and analysis/probability. Graduate students are expected to attain a mastery of this material at an advanced level for two of the three core areas, and at an intermediate level for the third area.

Demonstrate ability to learn from non-expository sources.

Explanation: Learning material from research papers is different from learning from courses and text books. Graduate students are expected to demonstrate the ability to learn material from non-expository sources, including at least one source that is written in French, German, or Russian. \

Conduct original and substantive research

Explanation: The most important requirement completing a Ph.D. in mathematics is producing a dissertation containing original and substantive mathematical work.

## Doctor of Philosophy

The PhD is a degree of distinction not to be conferred in routine fashion after completion of a specific number of courses or after attendance in Graduate School for a given number of years.

The department offers a PhD degree in mathematics. Advanced graduate courses in each area of mathematics are typically offered in topics courses (numbered MATH 607). A student in the pre-PhD program may also be a candidate for the master's degree.

Pre-PhD Program

Students entering the pre-PhD program will have completed a course of study equivalent to the graduate preparatory bachelor's degree program described in the department's Undergraduate program. Students in the pre-PhD program must take the qualifying examination by the beginning of their third year, during the week before classes begin fall term. It consists of examinations on two basic 600-level graduate course sequences, one each from two of the following three categories:

- 1. algebra
- 2. analysis and probability
- 3. topology and geometry
- 4. applied math

PhD Program

Admission to the PhD program is based on the following criteria:

- satisfactory performance on the qualifying examination
- completion of three courses at a level commensurate with study toward a PhD
- satisfactory performance in seminars or other courses taken as a part of the pre-PhD or PhD program.

Students who are not admitted to the PhD program because of unsatisfactory performance on the fall-term qualifying examination may retake the examination at the beginning of winter term.

A student in the PhD program is advanced to candidacy after passing a language examination and the comprehensive examination. To complete the requirements for the PhD, candidates must submit a dissertation, have it read and approved by a dissertation committee, and defend it orally in a formal public meeting.

Language Requirement

The department expects PhD candidates to be able to read mathematical material in a second language selected from French, German, and Russian. Other languages are acceptable in certain fields. To fulfill the language requirement, the student must meet with a faculty member—a doctoral advisor or a member of the PhD committee—to obtain advice for a suitable paper or book. The paper or book should be written in French, German, or Russian and have mathematical material beneficial to the student's area of study. After reading, translating, and understanding the material, the student meets with the faculty member again. The faculty member determines whether the student understands the material. If satisfied, the faculty member deems the requirement met and the decision is added in writing to the student's record.

Comprehensive Examination

This oral examination emphasizes the basic material in the student's general area of interest. A student is expected to take this examination by the end of the second academic year in the PhD program. To be eligible to take this examination, a student must have completed the language examination and nearly all the course work needed for the PhD.

Dissertation

PhD candidates in mathematics must submit a dissertation containing substantial original work in mathematics. Requirements for final defense of the dissertation are those of the Graduate School.

Multidisciplinary Science

Jana Prikryl, Program Director

65C Klamath Hall  
jprikryl@uoregon.edu

A multidisciplinary science major allows students to design their own program of study in the natural sciences. Students choose their areas of specialization from a broad range of sciences, tailoring their studies to their specific interests and career goals.

The multidisciplinary science major is useful to students whose interests do not fit well within a single scientific field, as well as students who wish to pursue advanced degrees in health-related fields.

Multidisciplinary Science is different from traditional majors in that it pulls coursework from multiple STEM departments to provide students with a self-guided interdisciplinary education. Unlike many STEM majors, most MSCI students add the major during their junior or senior year. Assessment models that rely on learning outcomes based on the content of specific coursework and subdivided into yearly educational benchmarks are therefore not appropriate for the Multidisciplinary Science Program. Instead, the MSCI program outcomes are tied to its structure, which is designed to:

- Provide students with interdisciplinary curricular choices that develop competencies important for all STEM fields.
- Emphasize and develop skillsets commonly sought by employers.
- Address expectations of students entering the General Science Program, for example timely degree completion.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop a personalized plan for timely degree completion in the MSCI program by thoughtfully selecting coursework from multiple STEM departments, taking into account the unique structure of the program and individual academic goals.
- Analyze and articulate connections between chosen STEM disciplines and their applications to career objectives.
- Explain the steps and limitations of the scientific methodology and apply this knowledge to critically evaluate scientific information as presented by popular and professional sources.
- Articulate how the MSCI coursework develops skills that are highly valued by employers, such as critical thinking, problem solving, work ethic, collaboration, effective communication, and analysis and interpretation of quantitative information.

Multidisciplinary Science Major Requirements

| Code                                              | Title                                           | Credits |
|---------------------------------------------------|-------------------------------------------------|---------|
| Lower Division MATH/CS Requirement <sup>1</sup>   |                                                 | 8       |
| MATH 251                                          | Calculus I                                      |         |
| or MATH 241Calculus for the Biological Sciences I |                                                 |         |
| Select one of the following                       |                                                 |         |
| CS 122                                            | Introduction to Programming and Problem Solving |         |
| MATH 231                                          | Elements of Discrete Mathematics I              |         |
| STAT 243Z                                         | Elementary Statistics I                         |         |

|          |                                                                                                                                                                                                      |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MATH 247 | Calculus for the Biological Sciences II                                                                                                                                                              |
| MATH 252 | Calculus II                                                                                                                                                                                          |
| MATH 425 | Statistical Methods I (Students who complete MATH 425 as part of the math requirement, cannot also use this same class towards the 32 credits of upper-division General Science major requirements.) |

**Select three sequences or three-course combinations from the following; two sequences must include labs: <sup>2</sup>** **36-48**

Anthropology: Applies as a non-lab course combination

|          |                                                                                |
|----------|--------------------------------------------------------------------------------|
| ANTH 270 | Introduction to Biological Anthropology (Required for ANTH course combination) |
|----------|--------------------------------------------------------------------------------|

Select two of the following:

|          |                                       |
|----------|---------------------------------------|
| ANTH 145 | Principles of Archaeology             |
| ANTH 170 | Introduction to Human Origins         |
| ANTH 171 | Introduction to Monkeys and Apes      |
| ANTH 173 | Evolution of Human Sexuality          |
| ANTH 175 | Evolutionary Medicine                 |
| ANTH 176 | Introduction to Forensic Anthropology |
| ANTH 361 | Human Evolution                       |
| ANTH 362 | Human Biological Variation            |

Biology: Applies as a lab sequence

BI 211–214 General Biology I-IV (choose three: BI 211, BI 212, and either BI 213 or BI 214)  
or BI 281H– Honors Biology I-III  
283H

Chemistry: Can apply as either a lab sequence or a non-lab sequence

Select one of the following:

|               |                                                                                 |
|---------------|---------------------------------------------------------------------------------|
| CH 221–223    | General Chemistry & CH 227–229 and General Chemistry Laboratory                 |
| CH 224H– 226H | Honors General Chemistry and Advanced General Chemistry & CH 237–239 Laboratory |

Computer Science: Applies as a lab sequence

CS 210–212 Computer Science I-III

Earth Sciences: Applies as a lab sequence

|          |                                                                            |
|----------|----------------------------------------------------------------------------|
| ERTH 201 | Dynamic Planet Earth (OR ERTH 101 with a mid-B or better grade)            |
| ERTH 202 | Earth's Surface and Environment (OR ERTH 102 with a mid-B or better grade) |
| ERTH 203 | History of Life (OR ERTH 103 with a mid-B or better grade)                 |

Geography: Applies as a non-lab course combination

|          |                                                                |
|----------|----------------------------------------------------------------|
| GEOG 141 | The Natural Environment (Required for GEOG course combination) |
|----------|----------------------------------------------------------------|

Select two of the following:

|          |                              |
|----------|------------------------------|
| GEOG 181 | Our Digital Earth            |
| GEOG 321 | Climatology                  |
| GEOG 322 | Geomorphology                |
| GEOG 323 | Biogeography                 |
| GEOG 360 | Watershed Science and Policy |
| GEOG 361 | Global Environmental Change  |

Physics: Can apply as a lab sequence or a non-lab sequence

Select one of the following:

|                               |                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| PHYS 201– 203 & PHYS 204– 206 | General Physics and Introductory Physics Laboratory                                                                                    |
| PHYS 251– 253 & PHYS 290      | Foundations of Physics I and Foundations of Physics Laboratory (must take all 3 terms of PHYS 290 for this to count as a lab sequence) |

**Upper Division 32 credits of approved upper-division courses from the below departments <sup>3</sup>** **32**

|                                             |                                                                           |
|---------------------------------------------|---------------------------------------------------------------------------|
| BI, CH, CS, ERTH, HPHY, MATH, PHYS, and PSY | Upper-division courses from these departments are approved for the major. |
|---------------------------------------------|---------------------------------------------------------------------------|

|      |                                                                                                       |
|------|-------------------------------------------------------------------------------------------------------|
| ANTH | Upper-division ANTH courses from the list below. Experimental courses (410) require program approval. |
|------|-------------------------------------------------------------------------------------------------------|

|      |                                                                                                       |
|------|-------------------------------------------------------------------------------------------------------|
| GEOG | Upper-division GEOG courses from the list below. Experimental courses (410) require program approval. |
|------|-------------------------------------------------------------------------------------------------------|

|                |                                                                                                                                                                                                               |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Emphasis areas | At least twelve graded credits (not P/NP) must be in one department and at least twelve graded credits must be in a second department. We strongly encourage students to take all majors classes for a grade. |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|         |                                                                                                                                                                                                                                                       |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 401-409 | 4 of the 32 credits may be research (401), thesis (403), or supervised college teaching (402) credits. Seminar, Readings & Conference, Practicum, Internship, and Tutorial credits (404-409) may not be used for the Multidisciplinary Science major. |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                       |                                 |
|-----------------------|---------------------------------|
| Residency requirement | 24 credits must be taken at UO. |
|-----------------------|---------------------------------|

|               |                                                                                             |
|---------------|---------------------------------------------------------------------------------------------|
| Double Majors | upper division credits used for another major may not be used to satisfy MSCI requirements. |
|---------------|---------------------------------------------------------------------------------------------|

|                          |                                                                                                                                                                                                                              |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minors in related fields | There is no MSCI imposed restriction on course overlap between the MSCI major and any minor (though the department offering the minor might have restrictions). We encourage you to look into minors in your emphasis areas. |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|               |                                                                                                                                                                                                                                                                                                                                    |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prerequisites | All students are subject to all prerequisites, minimum grade requirements, and registration restrictions set by each department for its own courses. These things cannot be circumvented because one is a MSCI major. Please investigate the prerequisites and restrictions for the courses you are interested in taking early on. |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Total Credits 76-88**

<sup>1</sup> All students must demonstrate a proficiency in mathematics by passing calculus I and one additional math or computer science class from the provided list. All courses must be completed with grades of C– or P (pass) or better

- 2 All students must take three course sequences (or three course combinations in the case of ANTH and GEOG) from the provided list, two of which must include laboratories. The labs might be embedded in the class (as with BI, CS, and GEOL), or taken as separate courses (as with CH and PHYS). All courses must be completed with grades of C– or P (pass) or better, except EARTH 101-103 which must be completed with grades of mid-B or better.
- 3 All courses must be completed with grades of C– or P or better. All upper division emphasis area courses must be taken for a letter grade.

Approved Courses

| Code         | Title                                           | Credits |
|--------------|-------------------------------------------------|---------|
| Anthropology |                                                 |         |
| ANTH 341     | Food Origins                                    | 4       |
| ANTH 361     | Human Evolution                                 | 4       |
| ANTH 362     | Human Biological Variation                      | 4       |
| ANTH 366     | Human Osteology Laboratory                      | 4       |
| ANTH 369     | Human Growth and Development                    | 4       |
| ANTH 376     | Decoding Your Genome                            | 4       |
| ANTH 442     | Northwest Coast Archaeology                     | 4       |
| ANTH 443     | North American Archaeology                      | 4       |
| ANTH 446     | Practical Archaeobotany                         | 4       |
| ANTH 456     | Peopling of the Americas                        | 4       |
| ANTH 459     | Advanced Evolutionary Medicine                  | 4       |
| ANTH 462     | Primate Evolution                               | 4       |
| ANTH 463     | Primate Behavior                                | 4       |
| ANTH 467     | Paleoecology and Human Evolution                | 4       |
| ANTH 468     | Evolutionary Theory                             | 4       |
| ANTH 470     | Statistical Analysis of Biological Anthropology | 4       |
| ANTH 471     | Zooarchaeology: [Topic]                         | 4       |
| ANTH 472     | Primate Conservation Biology                    | 4       |
| ANTH 473     | Advanced Forensic Anthropology                  | 4       |
| ANTH 474     | Human Skeletal Pathology                        | 4       |
| ANTH 479     | Taphonomy: Bones, Bugs, and Burials             | 4       |
| ANTH 481     | Principles of Evolutionary Psychology           | 4       |
| ANTH 487     | Bioanthropology Methods                         | 4       |
| Geography    |                                                 |         |
| GEOG 321     | Climatology                                     | 4       |
| GEOG 322     | Geomorphology                                   | 4       |
| GEOG 323     | Biogeography                                    | 4       |
| GEOG 341     | Population and Environment                      | 4       |
| GEOG 342     | Geography of Globalization                      | 4       |
| GEOG 343     | Society, Culture, and Place                     | 4       |
| GEOG 360     | Watershed Science and Policy                    | 4       |
| GEOG 361     | Global Environmental Change                     | 4       |
| GEOG 421     |                                                 | 4       |
| GEOG 425     | Hydrology and Water Resources                   | 4       |
| GEOG 427     | Fluvial Geomorphology                           | 4       |
| GEOG 430     | Long-Term Environmental Change                  | 4       |
| GEOG 433     | Fire and Natural Disturbances                   | 4       |
| GEOG 481     | GIScience I                                     | 4       |
| GEOG 482     | GIScience II                                    | 4       |

|          |                                         |   |
|----------|-----------------------------------------|---|
| GEOG 485 | Remote Sensing I                        | 4 |
| GEOG 486 | Remote Sensing II                       | 4 |
| GEOG 491 | Advanced Geographic Information Systems | 4 |
| GEOG 493 | Advanced Cartography                    | 4 |
| GEOG 494 | Spatial Analysis                        | 4 |
| GEOG 495 | Geographic Data Analysis                | 4 |
| GEOG 497 | Qualitative Methods in Geography        | 4 |

Multidisciplinary science courses must be completed with grades of C– or P (pass) or better. Courses graded N (no pass) or F may be repeated for credit, in accordance with university policy.

The upper-division requirements are for students who declared the multidisciplinary science major fall 2000 or later. Students who declared the major before fall 2000 follow the requirements that were in effect when they declared the major. Upper-division credits used to satisfy minimum requirements of another major may not be used to satisfy upper-division requirements in multidisciplinary science. At least 24 upper-division science credits must be completed at the University of Oregon to meet the multidisciplinary science residency requirement.

Upper-division courses may be selected from the multidisciplinary science website (<http://gensci.uoregon.edu/>).

Honors Program

Students preparing to graduate with honors in multidisciplinary science should notify the program director no later than the first term of the senior year.

Honors in multidisciplinary science centers on a thesis, which is the culmination of research conducted under the direction of a faculty advisor. The advisor does not need to be a member of the Multidisciplinary Science Committee.

To graduate with honors, students must have at least a 3.50 overall grade point average and an average GPA of 3.50 or better in all classes counting towards the multidisciplinary science major. In addition, they must complete 6 credits (or equivalent experience pre-approved by MSCI Director) of Research (401) or Thesis (403) or both in an appropriate department. These credits must be distributed over at least two terms and cannot be used to fulfill emphasis-area requirements.

Upon approval of the thesis by the advisor and the program director, honors in multidisciplinary science are awarded.

For guidelines and calendar, contact the Multidisciplinary Science Program Director.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Science in Multidisciplinary Science with Education Focus

| Course     | Title                               | Credits | Milestones |
|------------|-------------------------------------|---------|------------|
| First Year |                                     |         |            |
| Fall       |                                     |         |            |
| CH 111     | Introduction to Chemical Principles | 4       |            |
| MATH 111Z  | Precalculus I: Functions            | 4       |            |



|                                                                     |                                                  |           |
|---------------------------------------------------------------------|--------------------------------------------------|-----------|
| WR 121Z                                                             | Composition I                                    | 4         |
| Core-education course                                               |                                                  | 4         |
| <b>Credits</b>                                                      |                                                  | <b>16</b> |
| <b>Winter</b>                                                       |                                                  |           |
| MATH 112Z                                                           | Precalculus II: Trigonometry                     | 4         |
| WR 122Z                                                             | Composition II                                   | 4         |
| or WR 123                                                           | or College Composition III                       |           |
| BI 211                                                              | General Biology I: Cells                         | 5         |
| Core-education course that also satisfies multicultural requirement |                                                  | 4         |
| <b>Credits</b>                                                      |                                                  | <b>17</b> |
| <b>Spring</b>                                                       |                                                  |           |
| BI 212                                                              | General Biology II: Organisms                    | 5         |
| MATH 251                                                            | Calculus I                                       | 4         |
| Core-education course that also satisfies multicultural requirement |                                                  | 4         |
| Core-education course                                               |                                                  | 4         |
| <b>Credits</b>                                                      |                                                  | <b>17</b> |
| <b>Second Year</b>                                                  |                                                  |           |
| <b>Fall</b>                                                         |                                                  |           |
| BI 213                                                              | General Biology III: Ecology and                 | 5         |
| or BI 214                                                           | Evolution                                        |           |
|                                                                     | or General Biology IV: Biochemistry and Genetics |           |
| CH 221                                                              | General Chemistry I                              | 4         |
| or                                                                  | or General Physics                               |           |
| PHYS 201                                                            |                                                  |           |
| CH 227                                                              | General Chemistry Laboratory                     | 2         |
| or                                                                  | or Introductory Physics Laboratory               |           |
| PHYS 204                                                            |                                                  |           |
| Core-education course                                               |                                                  | 4         |
| <b>Credits</b>                                                      |                                                  | <b>15</b> |
| <b>Winter</b>                                                       |                                                  |           |
| CH 222                                                              | General Chemistry II                             | 4         |
| or                                                                  | or General Physics                               |           |
| PHYS 202                                                            |                                                  |           |
| CH 228                                                              | General Chemistry Laboratory                     | 2         |
| or                                                                  | or Introductory Physics Laboratory               |           |
| PHYS 205                                                            |                                                  |           |
| MATH 252                                                            | Calculus II                                      | 4         |
| Core-education course                                               |                                                  | 4         |
| <b>Credits</b>                                                      |                                                  | <b>14</b> |
| <b>Spring</b>                                                       |                                                  |           |
| CH 223                                                              | General Chemistry III                            | 4         |
| or                                                                  | or General Physics                               |           |
| PHYS 203                                                            |                                                  |           |
| CH 229                                                              | General Chemistry Laboratory                     | 2         |
| or                                                                  | or Introductory Physics Laboratory               |           |
| PHYS 206                                                            |                                                  |           |
| STAT 243Z                                                           | Elementary Statistics I                          | 4         |
| or                                                                  | or Statistical Methods I                         |           |
| MATH 425                                                            |                                                  |           |
| Core-education course                                               |                                                  | 4         |
| <b>Credits</b>                                                      |                                                  | <b>14</b> |

**Third Year****Fall**

|                       |                                        |           |
|-----------------------|----------------------------------------|-----------|
| ERTH 101              | Exploring Planet Earth (completed with | 4         |
| or                    | a letter grade of mid-B or higher)     |           |
| ERTH 201              | or Dynamic Planet Earth                |           |
| CH 331                | Organic Chemistry I                    | 4         |
| Core-education course |                                        | 4         |
| Elective course       |                                        | 4         |
| <b>Credits</b>        |                                        | <b>16</b> |

**Winter**

|                  |                                                    |           |
|------------------|----------------------------------------------------|-----------|
| ERTH 102         | Exploring Earth's Environment                      | 4         |
| or               | (completed with a letter grade of mid-B or higher) |           |
| ERTH 202         | or Earth's Surface and Environment                 |           |
| CH 335           | Organic Chemistry II                               | 4         |
| Elective courses |                                                    | 8         |
| <b>Credits</b>   |                                                    | <b>16</b> |

**Spring**

|                                 |                                         |           |
|---------------------------------|-----------------------------------------|-----------|
| ERTH 103                        | Exploring Earth History (completed with | 4         |
| or                              | a letter grade of mid-B or higher )     |           |
| ERTH 203                        | or History of Life                      |           |
| CH 336                          | Organic Chemistry III                   | 4         |
| Upper-division elective courses |                                         | 8         |
| <b>Credits</b>                  |                                         | <b>16</b> |

**Fourth Year****Fall**

|                                               |  |           |
|-----------------------------------------------|--|-----------|
| Upper-division earth science course           |  | 4         |
| Upper-division mathematics or elective course |  | 4         |
| Upper-division elective courses               |  | 8         |
| <b>Credits</b>                                |  | <b>16</b> |

**Winter**

|                                     |  |           |
|-------------------------------------|--|-----------|
| Upper-division biology course       |  | 4         |
| Upper-division earth science course |  | 4         |
| Upper-division elective courses     |  | 8         |
| <b>Credits</b>                      |  | <b>16</b> |

**Spring**

|                                     |  |            |
|-------------------------------------|--|------------|
| Upper-division biology course       |  | 4          |
| Upper-division earth science course |  | 4          |
| Upper-division elective course      |  | 4          |
| <b>Credits</b>                      |  | <b>12</b>  |
| <b>Total Credits</b>                |  | <b>185</b> |

## Bachelor of Science in Multidisciplinary Science with Pre-Medical Focus

| Course                | Title                               | Credits   | Milestones |
|-----------------------|-------------------------------------|-----------|------------|
| <b>First Year</b>     |                                     |           |            |
| <b>Fall</b>           |                                     |           |            |
| CH 111                | Introduction to Chemical Principles | 4         |            |
| MATH 111Z             | Precalculus I: Functions            | 4         |            |
| WR 121Z               | Composition I                       | 4         |            |
| Core-education course |                                     | 4         |            |
| <b>Credits</b>        |                                     | <b>16</b> |            |

**Winter**

|           |                            |   |
|-----------|----------------------------|---|
| WR 122Z   | Composition II             | 4 |
| or WR 123 | or College Composition III |   |

|           |                              |   |
|-----------|------------------------------|---|
| MATH 112Z | Precalculus II: Trigonometry | 4 |
|-----------|------------------------------|---|

|        |                     |   |
|--------|---------------------|---|
| CH 221 | General Chemistry I | 4 |
|--------|---------------------|---|

|        |                              |   |
|--------|------------------------------|---|
| CH 227 | General Chemistry Laboratory | 2 |
|--------|------------------------------|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

**Spring**

|        |                      |   |
|--------|----------------------|---|
| CH 222 | General Chemistry II | 4 |
|--------|----------------------|---|

|        |                              |   |
|--------|------------------------------|---|
| CH 228 | General Chemistry Laboratory | 2 |
|--------|------------------------------|---|

|          |            |   |
|----------|------------|---|
| MATH 251 | Calculus I | 4 |
|----------|------------|---|

|          |                                           |  |
|----------|-------------------------------------------|--|
| or       | or Calculus for the Biological Sciences I |  |
| MATH 246 |                                           |  |

|                       |  |   |
|-----------------------|--|---|
| Core-education course |  | 4 |
|-----------------------|--|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

**Second Year****Fall**

|        |                          |   |
|--------|--------------------------|---|
| BI 211 | General Biology I: Cells | 5 |
|--------|--------------------------|---|

|        |                       |   |
|--------|-----------------------|---|
| CH 223 | General Chemistry III | 4 |
|--------|-----------------------|---|

|        |                              |   |
|--------|------------------------------|---|
| CH 229 | General Chemistry Laboratory | 2 |
|--------|------------------------------|---|

|                                                                     |  |   |
|---------------------------------------------------------------------|--|---|
| Core-education course that also satisfies multicultural requirement |  | 4 |
|---------------------------------------------------------------------|--|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>15</b> |
|----------------|-----------|

**Winter**

|        |                               |   |
|--------|-------------------------------|---|
| BI 212 | General Biology II: Organisms | 5 |
|--------|-------------------------------|---|

|          |             |   |
|----------|-------------|---|
| MATH 252 | Calculus II | 4 |
|----------|-------------|---|

|          |                                            |  |
|----------|--------------------------------------------|--|
| or       | or Calculus for the Biological Sciences II |  |
| MATH 247 |                                            |  |

|                                                                     |  |   |
|---------------------------------------------------------------------|--|---|
| Core-education course that also satisfies multicultural requirement |  | 4 |
|---------------------------------------------------------------------|--|---|

|                       |  |   |
|-----------------------|--|---|
| Core-education course |  | 4 |
|-----------------------|--|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|        |                                               |   |
|--------|-----------------------------------------------|---|
| BI 214 | General Biology IV: Biochemistry and Genetics | 5 |
|--------|-----------------------------------------------|---|

|           |                         |   |
|-----------|-------------------------|---|
| STAT 243Z | Elementary Statistics I | 4 |
|-----------|-------------------------|---|

|          |                          |  |
|----------|--------------------------|--|
| or       | or Statistical Methods I |  |
| MATH 425 |                          |  |

|                                      |  |   |
|--------------------------------------|--|---|
| Upper-division core-education course |  | 4 |
|--------------------------------------|--|---|

|                       |  |   |
|-----------------------|--|---|
| Core-education course |  | 4 |
|-----------------------|--|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Third Year****Fall**

|        |                    |   |
|--------|--------------------|---|
| BI 320 | Molecular Genetics | 4 |
|--------|--------------------|---|

|        |                     |   |
|--------|---------------------|---|
| CH 331 | Organic Chemistry I | 4 |
|--------|---------------------|---|

|        |                              |   |
|--------|------------------------------|---|
| CH 337 | Organic Chemistry Laboratory | 3 |
|--------|------------------------------|---|

|                                      |  |   |
|--------------------------------------|--|---|
| Upper-division core-education course |  | 4 |
|--------------------------------------|--|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>15</b> |
|----------------|-----------|

**Winter**

|        |                      |   |
|--------|----------------------|---|
| CH 335 | Organic Chemistry II | 4 |
|--------|----------------------|---|

|        |                              |   |
|--------|------------------------------|---|
| CH 338 | Organic Chemistry Laboratory | 3 |
|--------|------------------------------|---|

|        |                                      |   |
|--------|--------------------------------------|---|
| BI 358 | Investigations in Medical Physiology | 4 |
|--------|--------------------------------------|---|

|                                |  |   |
|--------------------------------|--|---|
| Upper-division elective course |  | 4 |
|--------------------------------|--|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>15</b> |
|----------------|-----------|

**Spring**

|         |                |   |
|---------|----------------|---|
| PSY 201 | Mind and Brain | 4 |
|---------|----------------|---|

|    |                     |  |
|----|---------------------|--|
| or | or Mind and Society |  |
|----|---------------------|--|

|         |                  |  |
|---------|------------------|--|
| PSY 202 | or Biopsychology |  |
|---------|------------------|--|

|    |  |  |
|----|--|--|
| or |  |  |
|----|--|--|

|         |  |  |
|---------|--|--|
| PSY 304 |  |  |
|---------|--|--|

|         |                           |   |
|---------|---------------------------|---|
| SOC 204 | Introduction to Sociology | 4 |
|---------|---------------------------|---|

|    |                      |  |
|----|----------------------|--|
| or | or Social Inequality |  |
|----|----------------------|--|

|         |  |  |
|---------|--|--|
| SOC 207 |  |  |
|---------|--|--|

|        |                       |   |
|--------|-----------------------|---|
| CH 336 | Organic Chemistry III | 4 |
|--------|-----------------------|---|

|                               |  |   |
|-------------------------------|--|---|
| Upper-division biology course |  | 4 |
|-------------------------------|--|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Fourth Year****Fall**

|          |                 |   |
|----------|-----------------|---|
| PHYS 201 | General Physics | 4 |
|----------|-----------------|---|

|          |                                 |   |
|----------|---------------------------------|---|
| PHYS 204 | Introductory Physics Laboratory | 2 |
|----------|---------------------------------|---|

|        |                            |   |
|--------|----------------------------|---|
| CH 360 | Physiological Biochemistry | 4 |
|--------|----------------------------|---|

|           |                 |  |
|-----------|-----------------|--|
| or CH 461 | or Biochemistry |  |
|-----------|-----------------|--|

|                                           |  |   |
|-------------------------------------------|--|---|
| Upper-division biology or elective course |  | 4 |
|-------------------------------------------|--|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

**Winter**

|          |                 |   |
|----------|-----------------|---|
| PHYS 202 | General Physics | 4 |
|----------|-----------------|---|

|          |                                 |   |
|----------|---------------------------------|---|
| PHYS 205 | Introductory Physics Laboratory | 2 |
|----------|---------------------------------|---|

|        |              |   |
|--------|--------------|---|
| CH 463 | Biochemistry | 4 |
|--------|--------------|---|

|                                 |  |   |
|---------------------------------|--|---|
| Upper-division elective courses |  | 6 |
|---------------------------------|--|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|          |                 |   |
|----------|-----------------|---|
| PHYS 203 | General Physics | 4 |
|----------|-----------------|---|

|          |                                 |   |
|----------|---------------------------------|---|
| PHYS 206 | Introductory Physics Laboratory | 2 |
|----------|---------------------------------|---|

|        |              |   |
|--------|--------------|---|
| CH 462 | Biochemistry | 4 |
|--------|--------------|---|

|                                |  |   |
|--------------------------------|--|---|
| Upper-division elective course |  | 4 |
|--------------------------------|--|---|

---

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

---

|                      |            |
|----------------------|------------|
| <b>Total Credits</b> | <b>183</b> |
|----------------------|------------|

## Neuroscience

**Nicole Dudukovic, Director**

neuro@uoregon.edu

541-346-7225

Neuroscience is the interdisciplinary study of neural function, development, and behavior. The University of Oregon offers an undergraduate major in Neuroscience. The graduate training program in neuroscience is centered in the Institute of Neuroscience (<https://ion.uoregon.edu>). Affiliated faculty members in the undergraduate major as well as participating faculty members in the graduate training program are drawn from the Departments of Biology, Human Physiology, and Psychology, along with the Phil and Penny Knight Campus for Accelerating Scientific Impact.

### Affiliated Faculty

Elliot Berkman, psychology

Melynda Casement, psychology

Robert Chavez, psychology

Paul Dassonville, psychology

Chris Doe, biology

Judith Eisen, biology

Tim Gardner, Knight Campus

Ian Greenhouse, human physiology

Tory Herman, biology

Benjamin Hutchinson, psychology

Adrianne Huxtable, human physiology

Santiago Jaramillo, biology

Brice Kuhl, psychology

Shawn Lockery, biology

Michelle Marneweck, human physiology

Ulrich Mayr, psychology

Luca Mazzucato, biology

David McCormick, biology

Adam Miller, biology

Kate Mills, psychology

James Murray, biology

Cris Niell, biology

Jennifer Pfeifer, psychology

Jonathan Reeder, Knight Campus

Margaret Sereno, psychology

Matt Smear, psychology

Nicki Swann, human physiology

Emily Sylwestrak, biology

Terry Takahashi, biology

Nash Unsworth, psychology

Philip Washbourne, biology

Michael Wehr, psychology

Monte Westerfield, biology

Dasa Zeithamova, psychology

## Undergraduate Program

### Major - Bachelor's Degree

- Neuroscience (BA/BS) (p. 275)

## Graduate Program

### Specialization

- Neuroscience (p. 279)

## Neuroscience (BA/BS)

Neuroscience is for undergraduate students interested in studying the relationship between the brain and behavior. Coursework is jointly taught by biology, human physiology and psychology faculty to provide well-rounded training. Foundational courses are in biology, chemistry, human physiology, math, physics, and psychology. Upper division coursework focuses on three main areas of neuroscience: molecular/cellular neuroscience, systems neuroscience, and cognitive neuroscience. Students can also take advanced skills courses in programming or computational techniques. They may also conduct cutting-edge research in a neuroscience lab.

Neuroscience graduates will have a strong understanding of the structure and function of the nervous system, demonstrate critical thinking, quantitative and analytical skills, and communicate effectively about neuroscience research.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate broad-based content knowledge and understanding of terminology and concepts in neuroscience at multiple levels of organization.
- Critically read and evaluate scientific information.
- Apply data analysis skills to understand neuroscience information.
- Communicate clearly and effectively about neuroscience information.

## Neuroscience Major

As outlined below, the Neuroscience majors consists of the following components: 1) foundation courses in the natural sciences; 2) math and statistics coursework; 3) life science fundamentals; 4) a core neuroscience sequence; 5) upper-division elective courses; and 6) advanced skills courses and/or research experience. The total number of credits is 104-107 (depending on whether majors complete the General Biology Sequence or the Biology Honors Sequence).

| Code                                           | Title                                                                                                                                                               | Credits      |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>Foundation Courses in Natural Sciences:</b> |                                                                                                                                                                     | <b>46-49</b> |
| BI 211<br>& BI 212<br>& BI 214                 | General Biology I: Cells and General Biology II: Organisms and General Biology IV: Biochemistry and Genetics                                                        |              |
| or BI 281H<br>& BI 282H<br>& BI 283H           | Honors Biology I: Cells, Biochemistry and Physiology and Honors Biology II: Genetics and Molecular Biology and Honors Biology III: Evolution, Diversity and Ecology |              |
| CH 221<br>& CH 222<br>& CH 223                 | General Chemistry I and General Chemistry II and General Chemistry III                                                                                              |              |
| or CH 224H<br>& CH 225H<br>& CH 226H           | Advanced General Chemistry I and Advanced General Chemistry II and Advanced General Chemistry III                                                                   |              |

|                                                                          |                                                                                                                                         |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| PHYS 201<br>& PHYS 202<br>& PHYS 203                                     | General Physics<br>and General Physics<br>and General Physics                                                                           |
|                                                                          | or PHYS 25 Foundations of Physics I<br>& PHYS 252 Foundations of Physics I<br>& PHYS 253 Foundations of Physics I                       |
| CH 227<br>& CH 228<br>& CH 229                                           | General Chemistry Laboratory<br>and General Chemistry Laboratory<br>and General Chemistry Laboratory                                    |
|                                                                          | or PHYS 204 Introductory Physics Laboratory<br>& PHYS 205 Introductory Physics Laboratory<br>& PHYS 206 Introductory Physics Laboratory |
| PSY 201                                                                  | Mind and Brain                                                                                                                          |
| <b>Math and Statistics Courses:</b>                                      |                                                                                                                                         |
| MATH 246<br>or MATH 25                                                   | Calculus for the Biological Sciences I<br>Calculus I                                                                                    |
| PSY 302<br>or MATH 425<br>or ANTH 470                                    | Statistical Methods in Psychology<br>Statistical Methods I<br>Statistical Analysis of Biological Anthropology                           |
| <b>Life Science Fundamentals:</b>                                        |                                                                                                                                         |
| HPHY 211                                                                 | Medical Terminology                                                                                                                     |
| HPHY 212                                                                 | Scientific Investigation in Physiology                                                                                                  |
| <b>Core Neuroscience: Sequence order is recommended but not required</b> |                                                                                                                                         |
| HPHY 321<br>& HPHY 322                                                   | Human Anatomy I<br>and Human Physiology I (Fall)                                                                                        |
| PSY 304                                                                  | Biopsychology (Winter)                                                                                                                  |
| BI 360                                                                   | Neurobiology (Spring)                                                                                                                   |
| <b>Upper Division Electives:</b> <sup>1</sup>                            |                                                                                                                                         |
| Molecular/Cellular/Developmental                                         |                                                                                                                                         |
| BI 320                                                                   | Molecular Genetics                                                                                                                      |
| BI 322                                                                   | Cell Biology                                                                                                                            |
| BI 328                                                                   | Developmental Biology                                                                                                                   |
| BI 356                                                                   | Animal Physiology                                                                                                                       |
| BI 422                                                                   | Protein Toxins in Cell Biology                                                                                                          |
| BI 427                                                                   | Molecular Genetics of Human Disease                                                                                                     |
| BI 466                                                                   | Developmental Neurobiology                                                                                                              |
| HPHY 432                                                                 | Neural Development                                                                                                                      |
| Systems                                                                  |                                                                                                                                         |
| BI 353                                                                   | Sensory Physiology                                                                                                                      |
| BI 399                                                                   | Special Studies: [Topic]                                                                                                                |
| BI 410                                                                   | Experimental Course: [Topic]                                                                                                            |
| BI 461                                                                   | Systems Neuroscience                                                                                                                    |
| HPHY 333                                                                 | Motor Control                                                                                                                           |
| HPHY 412                                                                 | Sleep Physiology                                                                                                                        |
| HPHY 433                                                                 | Neurophysiology of Concussion                                                                                                           |
| HPHY 434                                                                 | Movement Disorders                                                                                                                      |
| HPHY 436                                                                 | Clinical Neuroscience                                                                                                                   |
| PSY 445                                                                  | Brain Mechanisms of Behavior                                                                                                            |
| PSY 450                                                                  | Hormones and Behavior                                                                                                                   |
| Cognitive                                                                |                                                                                                                                         |
| BI 410                                                                   | Experimental Course: [Topic] (Neural Basis of Cognition)                                                                                |
| PSY 305                                                                  | Cognition                                                                                                                               |

|                                                        |                                                                           |
|--------------------------------------------------------|---------------------------------------------------------------------------|
| PSY 348                                                | Music and the Brain                                                       |
| PSY 383                                                | Psychoactive Drugs                                                        |
| PSY 433                                                | Learning and Memory                                                       |
| PSY 436                                                | Human Performance                                                         |
| PSY 438                                                | Perception                                                                |
| PSY 449                                                | Cognitive Neuroscience                                                    |
| PSY 458                                                | Decision-Making                                                           |
| PSY 475                                                | Cognitive Development                                                     |
| <b>Advanced Skills Courses and Research Experience</b> |                                                                           |
| BI 401                                                 | Research: [Topic]                                                         |
| BI 403                                                 | Thesis                                                                    |
| BI 407                                                 | Seminar: [Topic]                                                          |
| BI 410                                                 | Experimental Course: [Topic] (Introduction to Programming for Biologists) |
| BI 410                                                 | Experimental Course: [Topic] (Matlab for Biologists)                      |
| BI 410                                                 | Experimental Course: [Topic] (Analysis Neural Data)                       |
| BI 485                                                 |                                                                           |
| CS 472                                                 | Machine Learning                                                          |
| HPHY 401                                               | Research: [Topic]                                                         |
| HPHY 403                                               | Thesis                                                                    |
| PSY 401                                                | Research: [Topic]                                                         |
| PSY 403                                                | Thesis                                                                    |
| PSY 412                                                | Applied Data Analysis                                                     |

**Total Credits** **104-107**

<sup>1</sup> 16 required credits with at least 12 credits from 400-level courses; at least one course from each of the three area

## Additional Requirements

- All courses counted towards the Neuroscience Major requirements must be taken for a letter grade and passed with a grade of C or better.
- At least 34 credits of coursework applied to the major must be taken at the University of Oregon.

## Criteria for Honors

To graduate with Honors in Neuroscience, the following requirements must be met:

- A completed Neuroscience Honors application with signature of a faculty research advisor from BI, HPHY or PSY
- Completion of all Neuroscience major requirements
- A minimum 3.5 GPA in all courses applied to the major
- At least three credits in BI 403, HPHY 403, or PSY 403 Thesis (*These credits may be applied to the advanced skills courses and research experience requirement*).
- Completion of an honors thesis under supervision of a committee, consisting of one BI, HPHY, or PSY faculty member and at least one other committee member (Ph.D. student, postdoctoral scholar, or faculty) from BI, HPHY, or PSY.

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

### Neuroscience Bachelor of Arts

| Course                | Title                                         | Credits   | Milestones |
|-----------------------|-----------------------------------------------|-----------|------------|
| <b>First Year</b>     |                                               |           |            |
| <b>Fall</b>           |                                               |           |            |
| CH 111                | Introduction to Chemical Principles           | 4         |            |
| MATH 111Z             | Precalculus I: Functions                      | 4         |            |
| WR 121Z               | Composition I                                 | 4         |            |
| Language 101          |                                               | 4         |            |
| <b>Credits</b>        |                                               | <b>16</b> |            |
| <b>Winter</b>         |                                               |           |            |
| CH 221                | General Chemistry I                           | 4         |            |
| CH 227                | General Chemistry Laboratory                  | 2         |            |
| MATH 112Z             | Precalculus II: Trigonometry                  | 4         |            |
| WR 123                | College Composition III                       | 4         |            |
| Language 102          |                                               | 4         |            |
| <b>Credits</b>        |                                               | <b>18</b> |            |
| <b>Spring</b>         |                                               |           |            |
| CH 222                | General Chemistry II                          | 4         |            |
| CH 228                | General Chemistry Laboratory                  | 2         |            |
| MATH 246              | Calculus for the Biological Sciences I        | 4         |            |
| Language 103          |                                               | 4         |            |
| <b>Credits</b>        |                                               | <b>14</b> |            |
| <b>Second Year</b>    |                                               |           |            |
| <b>Fall</b>           |                                               |           |            |
| BI 211                | General Biology I: Cells                      | 5         |            |
| CH 223                | General Chemistry III                         | 4         |            |
| CH 229                | General Chemistry Laboratory                  | 2         |            |
| HPHY 211              | Medical Terminology                           | 3         |            |
| Language 201          |                                               | 4         |            |
| <b>Credits</b>        |                                               | <b>18</b> |            |
| <b>Winter</b>         |                                               |           |            |
| BI 212                | General Biology II: Organisms                 | 5         |            |
| HPHY 212              | Scientific Investigation in Physiology        | 4         |            |
| PSY 201               | Mind and Brain                                | 4         |            |
| Language 202          |                                               | 4         |            |
| <b>Credits</b>        |                                               | <b>17</b> |            |
| <b>Spring</b>         |                                               |           |            |
| BI 214                | General Biology IV: Biochemistry and Genetics | 5         |            |
| PSY 302               | Statistical Methods in Psychology             | 4         |            |
| Core education course |                                               | 4         |            |
| Language 203          |                                               | 4         |            |
| <b>Credits</b>        |                                               | <b>17</b> |            |
| <b>Third Year</b>     |                                               |           |            |
| <b>Fall</b>           |                                               |           |            |
| HPHY 321              | Human Anatomy I                               | 5         |            |
| HPHY 322              | Human Physiology I                            | 5         |            |

|                               |                      |            |
|-------------------------------|----------------------|------------|
| PHYS 201                      | General Physics      | 4          |
| BI 401                        | Research: [Topic]    | 2          |
| or                            | or Research: [Topic] |            |
| HPHY 401                      | or Research: [Topic] |            |
| or                            |                      |            |
| PSY 401                       |                      |            |
| <b>Credits</b>                |                      | <b>16</b>  |
| <b>Winter</b>                 |                      |            |
| PSY 304                       | Biopsychology        | 4          |
| PHYS 202                      | General Physics      | 4          |
| Core education course         |                      | 4          |
| BI 401                        | Research: [Topic]    | 2          |
| or                            | or Research: [Topic] |            |
| HPHY 401                      | or Research: [Topic] |            |
| or                            |                      |            |
| PSY 401                       |                      |            |
| <b>Credits</b>                |                      | <b>14</b>  |
| <b>Spring</b>                 |                      |            |
| BI 360                        | Neurobiology         | 4          |
| PHYS 203                      | General Physics      | 4          |
| Core education course         |                      | 4          |
| BI 401                        | Research: [Topic]    | 2          |
| or                            | or Research: [Topic] |            |
| HPHY 401                      | or Research: [Topic] |            |
| or                            |                      |            |
| PSY 401                       |                      |            |
| <b>Credits</b>                |                      | <b>14</b>  |
| <b>Fourth Year</b>            |                      |            |
| <b>Fall</b>                   |                      |            |
| Upper-division NEURO elective |                      | 4          |
| Core education course         |                      | 4          |
| Core education course         |                      | 4          |
| BI 401                        | Research: [Topic]    | 2          |
| or                            | or Research: [Topic] |            |
| HPHY 401                      | or Research: [Topic] |            |
| or                            |                      |            |
| PSY 401                       |                      |            |
| <b>Credits</b>                |                      | <b>14</b>  |
| <b>Winter</b>                 |                      |            |
| Upper-division NEURO elective |                      | 4          |
| Upper-division NEURO elective |                      | 4          |
| Core education course         |                      | 4          |
| Elective course               |                      | 1          |
| <b>Credits</b>                |                      | <b>13</b>  |
| <b>Spring</b>                 |                      |            |
| Upper-division NEURO elective |                      | 4          |
| Core education course         |                      | 4          |
| Core education course         |                      | 4          |
| <b>Credits</b>                |                      | <b>12</b>  |
| <b>Total Credits</b>          |                      | <b>183</b> |



## Neuroscience Bachelor of Science

| Course                               | Title                                         | Credits    | Milestones |
|--------------------------------------|-----------------------------------------------|------------|------------|
| <b>First Year</b>                    |                                               |            |            |
| <b>Fall</b>                          |                                               |            |            |
| CH 111                               | Introduction to Chemical Principles           | 4          |            |
| MATH 111Z                            | Precalculus I: Functions                      | 4          |            |
| WR 121Z                              | Composition I                                 | 4          |            |
| Core education course                |                                               | 4          |            |
| <b>Credits</b>                       |                                               | <b>16</b>  |            |
| <b>Winter</b>                        |                                               |            |            |
| CH 221                               | General Chemistry I                           | 4          |            |
| CH 227                               | General Chemistry Laboratory                  | 2          |            |
| MATH 112Z                            | Precalculus II: Trigonometry                  | 4          |            |
| WR 123                               | College Composition III                       | 4          |            |
| <b>Credits</b>                       |                                               | <b>14</b>  |            |
| <b>Spring</b>                        |                                               |            |            |
| CH 222                               | General Chemistry II                          | 4          |            |
| CH 228                               | General Chemistry Laboratory                  | 2          |            |
| MATH 246                             | Calculus for the Biological Sciences I        | 4          |            |
| PSY 201                              | Mind and Brain                                | 4          |            |
| Elective course                      |                                               | 1          |            |
| <b>Credits</b>                       |                                               | <b>15</b>  |            |
| <b>Second Year</b>                   |                                               |            |            |
| <b>Fall</b>                          |                                               |            |            |
| BI 211                               | General Biology I: Cells                      | 5          |            |
| CH 223                               | General Chemistry III                         | 4          |            |
| CH 229                               | General Chemistry Laboratory                  | 2          |            |
| HPHY 211                             | Medical Terminology                           | 3          |            |
| <b>Credits</b>                       |                                               | <b>14</b>  |            |
| <b>Winter</b>                        |                                               |            |            |
| BI 212                               | General Biology II: Organisms                 | 5          |            |
| HPHY 212                             | Scientific Investigation in Physiology        | 4          |            |
| Core education course                |                                               | 4          |            |
| Core education course                |                                               | 4          |            |
| <b>Credits</b>                       |                                               | <b>17</b>  |            |
| <b>Spring</b>                        |                                               |            |            |
| BI 214                               | General Biology IV: Biochemistry and Genetics | 5          |            |
| PSY 302                              | Statistical Methods in Psychology             | 4          |            |
| Core education course                |                                               | 4          |            |
| Elective or Cultural Literacy course |                                               | 4          |            |
| <b>Credits</b>                       |                                               | <b>17</b>  |            |
| <b>Third Year</b>                    |                                               |            |            |
| <b>Fall</b>                          |                                               |            |            |
| HPHY 321                             | Human Anatomy I                               | 5          |            |
| HPHY 322                             | Human Physiology I                            | 5          |            |
| PHYS 201                             | General Physics                               | 4          |            |
|                                      |                                               |            |            |
| BI 401                               | Research: [Topic]                             | 2          |            |
| or                                   | or Research: [Topic]                          |            |            |
| HPHY 401                             | or Research: [Topic]                          |            |            |
| or                                   |                                               |            |            |
| PSY 401                              |                                               |            |            |
| <b>Credits</b>                       |                                               | <b>16</b>  |            |
| <b>Winter</b>                        |                                               |            |            |
| PSY 304                              | Biopsychology                                 | 4          |            |
| PHYS 202                             | General Physics                               | 4          |            |
| Core education course                |                                               | 4          |            |
| BI 401                               | Research: [Topic]                             | 2          |            |
| or                                   | or Research: [Topic]                          |            |            |
| HPHY 401                             | or Research: [Topic]                          |            |            |
| or                                   |                                               |            |            |
| PSY 401                              |                                               |            |            |
| Elective course                      |                                               | 1          |            |
| <b>Credits</b>                       |                                               | <b>15</b>  |            |
| <b>Spring</b>                        |                                               |            |            |
| BI 360                               | Neurobiology                                  | 4          |            |
| PHYS 203                             | General Physics                               | 4          |            |
| Core education course                |                                               | 4          |            |
| BI 401                               | Research: [Topic]                             | 2          |            |
| or                                   | or Research: [Topic]                          |            |            |
| HPHY 401                             | or Research: [Topic]                          |            |            |
| or                                   |                                               |            |            |
| PSY 401                              |                                               |            |            |
| <b>Credits</b>                       |                                               | <b>14</b>  |            |
| <b>Fourth Year</b>                   |                                               |            |            |
| <b>Fall</b>                          |                                               |            |            |
| Upper-division NEURO elective        |                                               | 4          |            |
| Upper-division NEURO elective        |                                               | 4          |            |
| Core education course                |                                               | 4          |            |
| BI 401                               | Research: [Topic]                             | 2          |            |
| or                                   | or Research: [Topic]                          |            |            |
| HPHY 401                             | or Research: [Topic]                          |            |            |
| or                                   |                                               |            |            |
| PSY 401                              |                                               |            |            |
| <b>Credits</b>                       |                                               | <b>14</b>  |            |
| <b>Winter</b>                        |                                               |            |            |
| Upper-division NEURO elective        |                                               | 4          |            |
| Upper-division NEURO elective        |                                               | 4          |            |
| Core education course                |                                               | 4          |            |
| Elective or Cultural Literacy course |                                               | 4          |            |
| <b>Credits</b>                       |                                               | <b>16</b>  |            |
| <b>Spring</b>                        |                                               |            |            |
| Upper-division NEURO elective        |                                               | 4          |            |
| Elective courses                     |                                               | 9          |            |
| <b>Credits</b>                       |                                               | <b>13</b>  |            |
| <b>Total Credits</b>                 |                                               | <b>181</b> |            |

# Neuroscience Graduate Specialization

## Neuroscience Graduate Specialization

The Interdepartmental Neuroscience Graduate Program (INGP), administered through the Institute of Neuroscience offers robust graduate training in Neuroscience across departments at the University of Oregon. The goal of INGP is to train students to think independently, creatively, and critically about problems in neuroscience. We aim to train students in a variety of skills that will prepare students for a successful research, teaching, policy or industry career. Students can enter INGP through the department of biology (<https://biology.uoregon.edu/>), human physiology (<https://physiology.uoregon.edu/>), psychology (<https://psychology.uoregon.edu/>), mathematics (<https://math.uoregon.edu/>), and physics (<https://physics.uoregon.edu/>), depending on their interest. The majority of our students enter through the department of biology, which allows students to complete three rotations during their first year, in order to help students identify a laboratory in which to do their dissertation research. Students who enter through psychology, human physiology and mathematics begin in their dissertation labs immediately. Regardless of how students enter INGP, they are provided with a set of mentors at the peer, and faculty level. All graduate students are required to teach for at least one academic year during their graduate career; at least a portion of this teaching takes place the first year.

The two training programs we offer are

1. cellular, developmental and molecular neuroscience
2. systems, cognitive and theoretical neuroscience. Students take courses and journal clubs specific to these topics to enhance their knowledge.

Typical courses, journal clubs and meetings:

- Cellular, Developmental and Molecular
  - Courses: Molecular genetics, advanced biochemistry, developmental neurobiology, developmental genetics, cellular neuroscience, systems neuroscience.
  - Journal clubs: developmental and cell biology, developmental neurobiology.
  - Meetings: developmental interest group, zebrafish groupie.
- Systems, Cognitive and Theoretical
  - Courses: cellular neuroscience, systems neuroscience, cognitive neuroscience, computational neuroscience, combinatorics, stochastic processes, neural networks.
  - Journal clubs: systems neuroscience, theoretical neuroscience.
  - Meetings: neural circuits and behavior, zebrafish groupie, joint theory lab meetings.

Students who want to enter the neuroscience graduate program should apply to the PhD program of a participating department and indicate their interest in neuroscience. Typically, students interested in cognitive neuroscience apply to the psychology department; students interested in molecular, cellular, developmental, or systems neuroscience apply to the biology department. Such applications are reviewed by the neuroscience faculty as well as the departmental admission committee. Answers to specific questions about prerequisites and deadlines may be obtained by writing directly to one of the participating departments, University of Oregon, Eugene, Oregon 97403. Additional information about the

Institute of Neuroscience may be obtained from the institute website (<https://ion.uoregon.edu/>).

## Physics

**Richard P. Taylor, Department Head**

541-346-4741  
541-346-5861 fax  
173 Willamette Hall  
1274 University of Oregon  
Eugene, Oregon 97403-1274

Physics, the most basic of the natural sciences, is concerned with the discovery and development of the laws that describe our physical universe. This endeavor serves, also, to directly benefit humankind: integrated circuits found in computers, mobile phones, and solar cells, lasers in DVD players and computer mice, and the Internet itself were developed from fundamental physics discoveries.

## Faculty

Benjamín Alemán, associate professor (experimental condensed matter, optical physics). BS, 2004, Oregon; MA, 2010, PhD, 2011, California, Berkeley. (2013)

David Allcock, assistant professor (ion trapping and quantum information). MS, 2007, PhD, 2012, Oxford. (2019)

Jayanth Banavar, professor (statistical physics). BS, 1972, MS, 1974, Bangalore University, PhD, 1978, University of Pittsburgh. (2019)

Dietrich Belitz, professor (condensed matter theory). Dipl Phys, 1980, Dr.rer.nat., 1982, Technical University Munich. (1987)

Bryan S. Boggs, senior lecturer (optical physics). BS, 1995, MS, 1996, PhD, 2012, Oregon. (2013)

Gregory D. Bothun, professor (astronomy). BS, 1976, PhD, 1981, Washington (Seattle). (1990)

James E. Brau, Philip H. Knight Professor (experimental elementary particle physics). BS, 1969, United States Air Force Academy; MS, 1970, PhD, 1978, Massachusetts Institute of Technology. (1988)

Spencer Chang, associate professor (theoretical high-energy physics). BS, 1999, Stanford; PhD, 2004, Harvard. (2010)

Timothy Cohen, associate professor (elementary particle theory). BS, 2006, MS, 2009, PhD, 2011, Michigan, Ann Arbor. (2015)

Eric Corwin, associate professor (biophysics, soft condensed matter). BA, 2001, Harvard; PhD, 2007, Chicago. (2010)

Ben Farr, assistant professor (gravitational waves). BS, 2009, Rochester Institute of Technology; PhD, 2014, Northwestern. (2017)

R. Scott Fisher, senior lecturer (astronomy). BS, 1993, PhD, 2001, Florida. (2012)

Raymond E. Frey, professor (experimental elementary particle physics). BA, 1978, California, Irvine; MS, 1981, PhD, 1984, California, Riverside. (1989)

James N. Imamura, professor (astrophysics); director, Institute of Theoretical Science. BA, 1974, California, Irvine; MA, 1978, PhD, 1981, Indiana. (1985)

Laura Jeanty, assistant professor (high-energy physics). BS, 2006, Yale; MS, 2009, PhD, 2013, Harvard. (2018)

Stephen D. Kevan, professor (solid state physics). BA, 1976, Wesleyan; PhD, 1980, California, Berkeley. (1985)

Graham Kribs, professor (elementary particle theory). BASc, 1993, Toronto; PhD, 1998, Michigan, Ann Arbor. (2004)

Dean W. Livelybrooks, senior instructor (geophysics). BS, 1977, Massachusetts Institute of Technology; MS, 1984, PhD, 1990, Oregon. (1996)

Stephanie Majewski, associate professor (experimental elementary particle physics). BS, 2002, Illinois, Urbana-Champaign; PhD, 2007, Stanford. (2012)

Benjamin McMorran, associate professor (experimental condensed matter, optical physics). BS, 2000, Oregon State; MS, PhD, 2009, Arizona. (2011)

Stanley J. Micklavzina, senior instructor (physics education). BS, 1982, MS, 1985, Oregon. (1985)

Jens Nöckel, associate professor (optical physics). Dipl. Phys., 1992, Hamburg; PhD, 1997, Yale. (2001)

Raghuvver Parthasarathy, Alec and Kay Keith Professor (condensed matter physics, biophysics). BA, 1997, California, Berkeley; PhD, 2002, Chicago. (2006)

Jayson Paulose, assistant professor (condensed matter theory). AB, 2007, Princeton; SM, 2009, PhD, 2013, Harvard. (2018)

Michael G. Raymer, Philip H. Knight Professor (quantum optics and optical physics). BA, 1974, California, Santa Cruz; PhD, 1979, Colorado. (1988)

William C. Scannell, lab instructor (physics education). BS, 2002, MS, 2004, PhD, 2010, Oregon. (2016)

James M. Schombert, professor (astronomy). BS, 1979, Maryland; MPhil, 1982, PhD, 1984, Yale. (1996)

Brian J. Smith, professor (quantum optics, optical physics). BA, 2000, Gustavus Adolphus College; PhD, 2007, Oregon. (2015)

Daniel Steck, associate professor (atom optics and nonlinear dynamics). BS, 1995, Dayton; PhD, 2001, Texas, Austin. (2004)

David M. Strom, professor (experimental elementary particle physics). BA, 1980, St. Olaf; PhD, 1986, Wisconsin, Madison. (1991)

Richard P. Taylor, professor (solid state physics). BS, 1985, PhD, 1988, Nottingham. CAD, 1995, Manchester School of Art; MA, 2000, New South Wales. (1999)

John J. Toner, professor (condensed matter theory). BS, 1977, Massachusetts Institute of Technology; MA, 1979, PhD, 1981, Harvard. (1995)

Eric Torrence, professor (experimental elementary particle physics). BS, 1990, Washington (Seattle); PhD, 1997, Massachusetts Institute of Technology. (2000)

Tristan S. Ursell, assistant professor (condensed matter physics, biophysics). BS, 2003, Rensselaer Polytechnic Institute; MS, 2003, PhD, 2009, California Institute of Technology. (2014)

Steven J. van Enk, professor (theoretical optical physics). MSc, 1988, Utrecht; PhD, 1992, Leiden. (2006)

Hailin Wang, professor (quantum optics); Alec and Kay Keith Chair. BS, 1982, Science and Technology (China); MS, 1986, PhD, 1990, Michigan. (1995)

David Wineland, research professor (atomic spectroscopy, quantum information, quantum-limited metrology). BA, 1965, California, Berkeley; MA, 1966, PhD, 1970, Harvard. (2018)

Tien-Tien Yu, assistant professor (high-energy physics). AB, 2007, Chicago; PhD, 2013, Wisconsin, Madison. (2017)

## Research Faculty and Staff

Robert Schofield, research associate professor (nuclear biophysics). BS, 1982, Brigham Young; PhD, 1990, Oregon. (1993)

Nikolai Sinev, senior research associate (experimental high energy physics). BS, 1968, PhD, 1974, Moscow State. (1993)

Frank Vignola, senior research associate (solar energy). BA, 1967, California, Berkeley; MS, 1969, PhD, 1975, Oregon. (1977)

## Emeriti

Paul L. Csonka, professor (elementary particle theory). PhD, 1963, Johns Hopkins. (1968)

Nilendra G. Deshpande, professor (elementary particle theory). BSc, 1959, MSc, 1960, Madras; PhD, 1965, Pennsylvania. (1975)

Rudolph C. Hwa, professor emeritus. BS, 1952, MS, 1953, PhD, 1957, Illinois; PhD, 1962, Brown. (1971)

Harlan Lefevre, professor emeritus. BA, 1951, Reed; PhD, 1961, Wisconsin. (1961)

David K. McDaniels, professor emeritus. BS, 1951, Washington State; MS, 1958, PhD, 1960, Washington (Seattle). (1963)

John T. Moseley, professor emeritus. BS, 1964, MS, 1966, PhD, 1969, Georgia Institute of Technology. (1979)

George W. Rayfield, professor emeritus. BS, 1958, Stanford; PhD, 1964, California, Berkeley. (1967)

David R. Sokoloff, professor emeritus. BA, 1966, City University of New York, Queens; PhD, 1972, Massachusetts Institute of Technology. (1978)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Major - Bachelor's Degree

- Physics (BA/BS) (p. 281)

## Minor

- Physics (p. 283)

## Graduate Programs

### Major - Master's Degree

- Physics (MS) (p. 284)

### Major - Doctoral Degree

- Physics (PhD) (p. 285)

## Physics (BA/BS)

Explore the laws of nature and the relationship between energy and matter with the Department of Physics. You will have the opportunity to research with award-winning faculty, participate in practical applications such as labs and demonstrations, and develop career skills through internships. We encourage physics majors to study across disciplines, pairing their work with chemistry, biology, or anything else of interest—at the University of Oregon, you have the freedom to choose your own path.

A degree in physics will give you a solid foundation to pursue careers and graduate studies in astrophysics, engineering, teaching, astronomy, medicine, technology, communication, and a host of other disciplines.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Have knowledge of principles and concepts for specific core subject areas listed above.
- Apply principles and concepts to analyze problems within specific core areas.
- Have capability with quantitative methods appropriate for the core areas.
- Analyze and interpret quantitative results.
- Have experience with integration of concepts: analysis of complex problems cutting across multiple core areas.
- Collect and appropriately analyze data working independently and in collaboration with others (experimentation; data collection, reduction and analysis; model-based computation including simulations and inversion of observations; and literature research using basic and state-of-the-art technology).
- Communicate orally and in writing by making appropriate use of current presentation technology.
- Have familiarity with current developments in physics.

## Physics Major Requirements

| Code                        | Title                                          | Credits |
|-----------------------------|------------------------------------------------|---------|
| <b>Physics Core Courses</b> |                                                |         |
| MATH 251–253                | Calculus I-III                                 | 12      |
| or MATH 261–263             | Calculus with Theory I-III                     |         |
| MATH 256                    | Introduction to Differential Equations         | 4       |
| MATH 281–282                | Several-Variable Calculus I-II                 | 8       |
| PHYS 251–253                | Foundations of Physics I                       | 12      |
| PHYS 290                    | Foundations of Physics Laboratory <sup>1</sup> | 2       |
| PHYS 351–353                | Foundations of Physics II                      | 12      |

|          |                                                  |   |
|----------|--------------------------------------------------|---|
| PHYS 391 | Physics Experimentation Data Analysis Laboratory | 4 |
|----------|--------------------------------------------------|---|

### Interdisciplinary Science Core

Two from the following: <sup>2</sup> 8

|          |                                            |
|----------|--------------------------------------------|
| CH 221   | General Chemistry I                        |
| CH 222   | General Chemistry II                       |
| CH 224H  | Advanced General Chemistry I               |
| CH 225H  | Advanced General Chemistry II              |
| BI 211   | General Biology I: Cells                   |
| BI 212   | General Biology II: Organisms              |
| BI 213   | General Biology III: Ecology and Evolution |
| CS 210   | Computer Science I                         |
| CS 211   | Computer Science II                        |
| CS 212   | Computer Science III                       |
| ERTH 201 | Dynamic Planet Earth                       |
| HPHY 212 | Scientific Investigation in Physiology     |

### Physics Upper-Division Courses 24

Three upper-division laboratory courses <sup>3</sup> 6

**Total Credits 92**

- <sup>1</sup> To be repeated, totaling 2 credits.
- <sup>2</sup> Students are strongly urged to complete this requirement in the first two years.
- <sup>3</sup> Any combination of PHYS 424-425 or PHYS 431-432 or PHYS 491-493 or PHYS 401, to total 6 credits.

## Honors

To be recommended by the faculty for graduation with honors in physics, a student must complete at least 46 credits in upper-division physics courses, of which at least 40 credits must be taken for letter grades, and earn at least a 3.50 grade point average in these courses.

As an alternative, undergraduate research leading to the defense of a thesis accompanied by at least a 3.30 grade point average can lead to recommendation for graduation with honors. Contact the director of undergraduate studies for more information.

## Four-Year Degree Plan

### Bachelor of Arts in Physics

| Course            | Title                             | Credits   | Milestones |
|-------------------|-----------------------------------|-----------|------------|
| <b>First Year</b> |                                   |           |            |
| <b>Fall</b>       |                                   |           |            |
| PHYS 251          | Foundations of Physics I          | 4         |            |
| or                | or General Physics                |           |            |
| PHYS 201          |                                   |           |            |
| PHYS 290          | Foundations of Physics Laboratory | 1         |            |
| CH 221            | General Chemistry I               | 4         |            |
| MATH 251          | Calculus I                        | 4         |            |
| or                | or Precalculus I: Functions       |           |            |
| MATH 111Z         | or Precalculus II: Trigonometry   |           |            |
| or                |                                   |           |            |
| MATH 112Z         |                                   |           |            |
| WR 121Z           | Composition I                     | 4         |            |
| <b>Credits</b>    |                                   | <b>17</b> |            |

Winter

|           |                                   |    |
|-----------|-----------------------------------|----|
| PHYS 252  | Foundations of Physics I          | 4  |
| or        | or Calculus I                     |    |
| MATH 251  | or Precalculus II: Trigonometry   |    |
| or        |                                   |    |
| MATH 112Z |                                   |    |
| PHYS 290  | Foundations of Physics Laboratory | 1  |
| CH 222    | General Chemistry II              | 4  |
| MATH 252  | Calculus II                       | 4  |
| WR 122Z   | Composition II                    | 4  |
| Credits   |                                   | 17 |

Spring

|                                           |                                   |    |
|-------------------------------------------|-----------------------------------|----|
| PHYS 253                                  | Foundations of Physics I          | 4  |
| or                                        | or Calculus I                     |    |
| MATH 251                                  |                                   |    |
| PHYS 290                                  | Foundations of Physics Laboratory | 1  |
| MATH 253                                  | Calculus III                      | 4  |
| or                                        | or Calculus I                     |    |
| MATH 251                                  |                                   |    |
| CS 210                                    | Computer Science I                | 4  |
| Core-education course in arts and letters |                                   | 4  |
| Credits                                   |                                   | 17 |
| Total Credits                             |                                   | 51 |

| Course                                                                    | Title                                            | Credits | Milestones |
|---------------------------------------------------------------------------|--------------------------------------------------|---------|------------|
| Second Year                                                               |                                                  |         |            |
| Fall                                                                      |                                                  |         |            |
| PHYS 351                                                                  | Foundations of Physics II                        | 4       |            |
| MATH 281                                                                  | Several-Variable Calculus I                      | 4       |            |
| or                                                                        | or Calculus III                                  |         |            |
| MATH 253                                                                  |                                                  |         |            |
| PHYS 391                                                                  | Physics Experimentation Data Analysis Laboratory | 4       |            |
| Core-education course in arts and letters                                 |                                                  | 4       |            |
| Credits                                                                   |                                                  | 16      |            |
| Winter                                                                    |                                                  |         |            |
| PHYS 353                                                                  | Foundations of Physics II                        | 4       |            |
| MATH 282                                                                  | Several-Variable Calculus II                     | 4       |            |
| or                                                                        | or Several-Variable Calculus I                   |         |            |
| MATH 281                                                                  |                                                  |         |            |
| Core-education course in social science                                   |                                                  | 4       |            |
| Core-education course that also satisfies a cultural literacy requirement |                                                  | 4       |            |
| Credits                                                                   |                                                  | 16      |            |
| Spring                                                                    |                                                  |         |            |
| PHYS 353                                                                  | Foundations of Physics II                        | 4       |            |
| MATH 256                                                                  | Introduction to Differential Equations           | 4       |            |
| or                                                                        | or Several-Variable Calculus II                  |         |            |
| MATH 282                                                                  |                                                  |         |            |
| Core-education course in arts and letters                                 |                                                  | 4       |            |
| Core-education course in social science                                   |                                                  | 4       |            |
| Credits                                                                   |                                                  | 16      |            |
| Total Credits                                                             |                                                  | 48      |            |

| Course                                                                    | Title                                 | Credits | Milestones |
|---------------------------------------------------------------------------|---------------------------------------|---------|------------|
| Third Year                                                                |                                       |         |            |
| Fall                                                                      |                                       |         |            |
| PHYS 412                                                                  | Mechanics, Electricity, and Magnetism | 4       |            |
| Core-education course in arts and letters                                 |                                       | 4       |            |
| Core-education course that also satisfies a cultural literacy requirement |                                       | 4       |            |
| First term of first-year second-language sequence                         |                                       | 4       |            |
| Credits                                                                   |                                       | 16      |            |
| Winter                                                                    |                                       |         |            |
| PHYS 411                                                                  | Mechanics, Electricity, and Magnetism | 4       |            |
| PHYS 413                                                                  | Mechanics, Electricity, and Magnetism | 4       |            |
| Core-education course in social science                                   |                                       | 4       |            |
| Second term of first-year second-language sequence                        |                                       | 4       |            |
| Credits                                                                   |                                       | 16      |            |
| Spring                                                                    |                                       |         |            |
| PHYS 422                                                                  | Electromagnetism                      | 4       |            |
| Third term of first-year second-language sequence                         |                                       | 4       |            |
| Core-education course in social science                                   |                                       | 4       |            |
| Elective course                                                           |                                       | 4       |            |
| Credits                                                                   |                                       | 16      |            |
| Total Credits                                                             |                                       | 48      |            |

| Course                                              | Title                     | Credits | Milestones |
|-----------------------------------------------------|---------------------------|---------|------------|
| Fourth Year                                         |                           |         |            |
| Fall                                                |                           |         |            |
| PHYS 414                                            | Quantum Physics           | 4       |            |
| First term of second-year second-language sequence  |                           | 4       |            |
| Elective courses                                    |                           | 8       |            |
| Credits                                             |                           | 16      |            |
| Winter                                              |                           |         |            |
| PHYS 415                                            | Quantum Physics           | 4       |            |
| PHYS 431                                            | Analog Electronics        | 4       |            |
| Second term of second-year second-language sequence |                           | 4       |            |
| Elective course                                     |                           | 4       |            |
| Credits                                             |                           | 16      |            |
| Spring                                              |                           |         |            |
| PHYS 417                                            | Topics in Quantum Physics | 4       |            |
| PHYS 432                                            | Digital Electronics       | 4       |            |
| Third term of second-year second-language sequence  |                           | 4       |            |
| Elective course                                     |                           | 4       |            |
| Credits                                             |                           | 16      |            |
| Total Credits                                       |                           | 48      |            |

Bachelor of Science in Physics

| Course     | Title                             | Credits | Milestones |
|------------|-----------------------------------|---------|------------|
| First Year |                                   |         |            |
| Fall       |                                   |         |            |
| PHYS 251   | Foundations of Physics I          | 4       |            |
| PHYS 290   | Foundations of Physics Laboratory | 1       |            |
| CH 221     | General Chemistry I               | 4       |            |



|                |               |           |
|----------------|---------------|-----------|
| MATH 251       | Calculus I    | 4         |
| WR 121Z        | Composition I | 4         |
| <b>Credits</b> |               | <b>17</b> |

**Winter**

|                |                                   |           |
|----------------|-----------------------------------|-----------|
| PHYS 252       | Foundations of Physics I          | 4         |
| PHYS 290       | Foundations of Physics Laboratory | 1         |
| CH 222         | General Chemistry II              | 4         |
| MATH 252       | Calculus II                       | 4         |
| WR 122Z        | Composition II                    | 4         |
| <b>Credits</b> |                                   | <b>17</b> |

**Spring**

|                                           |                                   |           |
|-------------------------------------------|-----------------------------------|-----------|
| PHYS 253                                  | Foundations of Physics I          | 4         |
| PHYS 290                                  | Foundations of Physics Laboratory | 1         |
| MATH 253                                  | Calculus III                      | 4         |
| CS 210                                    | Computer Science I                | 4         |
| Core-education course in arts and letters |                                   | 4         |
| <b>Credits</b>                            |                                   | <b>17</b> |
| <b>Total Credits</b>                      |                                   | <b>51</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                           |                                                  |           |
|-------------------------------------------|--------------------------------------------------|-----------|
| PHYS 351                                  | Foundations of Physics II                        | 4         |
| PHYS 391                                  | Physics Experimentation Data Analysis Laboratory | 4         |
| MATH 281                                  | Several-Variable Calculus I                      | 4         |
| Core-education course in arts and letters |                                                  | 4         |
| <b>Credits</b>                            |                                                  | <b>16</b> |

**Winter**

|                                                                           |                              |           |
|---------------------------------------------------------------------------|------------------------------|-----------|
| PHYS 352                                                                  | Foundations of Physics II    | 4         |
| MATH 282                                                                  | Several-Variable Calculus II | 4         |
| Core-education course in social science                                   |                              | 4         |
| Core-education course that also satisfies a cultural literacy requirement |                              | 4         |
| <b>Credits</b>                                                            |                              | <b>16</b> |

**Spring**

|                                           |                                        |           |
|-------------------------------------------|----------------------------------------|-----------|
| PHYS 353                                  | Foundations of Physics II              | 4         |
| MATH 256                                  | Introduction to Differential Equations | 4         |
| Core-education course in arts and letters |                                        | 4         |
| Core-education course in social science   |                                        | 4         |
| <b>Credits</b>                            |                                        | <b>16</b> |
| <b>Total Credits</b>                      |                                        | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                                                           |                                       |           |
|---------------------------------------------------------------------------|---------------------------------------|-----------|
| PHYS 412                                                                  | Mechanics, Electricity, and Magnetism | 4         |
| Core-education course in arts and letters                                 |                                       | 4         |
| Core-education course in social science                                   |                                       | 4         |
| Core-education course that also satisfies a cultural literacy requirement |                                       | 4         |
| <b>Credits</b>                                                            |                                       | <b>16</b> |

**Winter**

|                                         |                                       |           |
|-----------------------------------------|---------------------------------------|-----------|
| PHYS 411                                | Mechanics, Electricity, and Magnetism | 4         |
| PHYS 413                                | Mechanics, Electricity, and Magnetism | 4         |
| Core-education course in social science |                                       | 4         |
| Elective course                         |                                       | 4         |
| <b>Credits</b>                          |                                       | <b>16</b> |

**Spring**

|                      |                  |           |
|----------------------|------------------|-----------|
| PHYS 422             | Electromagnetism | 4         |
| Elective courses     |                  | 12        |
| <b>Credits</b>       |                  | <b>16</b> |
| <b>Total Credits</b> |                  | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                  |                 |           |
|------------------|-----------------|-----------|
| PHYS 414         | Quantum Physics | 4         |
| Elective courses |                 | 12        |
| <b>Credits</b>   |                 | <b>16</b> |

**Winter**

|                  |                    |           |
|------------------|--------------------|-----------|
| PHYS 415         | Quantum Physics    | 4         |
| PHYS 431         | Analog Electronics | 4         |
| Elective courses |                    | 8         |
| <b>Credits</b>   |                    | <b>16</b> |

**Spring**

|                      |                           |           |
|----------------------|---------------------------|-----------|
| PHYS 417             | Topics in Quantum Physics | 4         |
| PHYS 432             | Digital Electronics       | 4         |
| Elective courses     |                           | 8         |
| <b>Credits</b>       |                           | <b>16</b> |
| <b>Total Credits</b> |                           | <b>48</b> |

## Physics Minor

Physics, the most basic of the natural sciences, entails the discovery and elucidation of elementary principles which shape our physical universe. Students who minor in Physics as a supplement to their major course of study will learn how these elementary principles can systematically be applied to understand diverse phenomena and solve seemingly complex problems. Graduates with training in Physics find employment in the various areas of physics and other physical sciences, technological and health industries, financial services, computer science, library science, education, communication, law, and medicine.

### Physics Minor Requirements

| Code                          | Title                                            | Credits         |
|-------------------------------|--------------------------------------------------|-----------------|
| <b>Pre-Minor Requirements</b> |                                                  |                 |
| <b>Required Courses</b>       |                                                  |                 |
| PHYS 251–253                  | Foundations of Physics I <sup>1</sup>            | 12              |
|                               | or PHYS 201–203                                  | General Physics |
| PHYS 351–353                  | Foundations of Physics II                        | 12              |
| PHYS 391                      | Physics Experimentation Data Analysis Laboratory | 4               |

|                                       |           |
|---------------------------------------|-----------|
| 400-level physics course <sup>2</sup> | 4         |
| <b>Total Credits</b>                  | <b>32</b> |

<sup>1</sup> General Physics (PHYS 201–203) may fulfill requirements with the approval of the Physics Director of Undergraduate Studies.

<sup>2</sup> All 400-level PHYS classes count towards this requirement. However, keep in mind that some classes have pre-requisites that need to be met before they can be taken. Contact the Physics Director of Undergraduate Studies if you have questions about this requirement.

## Additional Requirements

Course work must be completed with grades of C– or better or P. At least 12 of the upper-division credits must be completed in residence at the University of Oregon.

## Physics (MS)

The Department of Physics offers graduate programs leading to the master of science degree in applied physics or to the master of arts (MA) or master of science (MS) degrees with a variety of opportunities for research. Current research areas include astronomy and astrophysics, biophysics, condensed matter physics, elementary particle physics, and optical physics.

Several centers and institutes are supported by the Office of the Vice President for Research and Innovation (<http://research.uoregon.edu/>): the Institute for Fundamental Science (<http://ifs.uoregon.edu/>), the Materials Science Institute (<http://materialsscience.uoregon.edu/>), and the Oregon Center for Optical, Molecular and Quantum Science (<http://omq.uoregon.edu/>). These interdisciplinary institutes maintain a close relationship with the Department of Physics (<https://physics.uoregon.edu/>) as well as related departments.

## Master of Science: Physics

Typically this degree is based solely on course work. Detailed requirements can be found in the Graduate Student Handbook on the department's website.

Candidates must either submit a written thesis **or** take a program of specialized courses.

### Thesis Option

A total of 9 credits must be taken either as PHYS 503 or a combination of PHYS 503 and PHYS 601.

| Code     | Title             | Credits |
|----------|-------------------|---------|
| PHYS 503 | Thesis            | 1-9     |
| PHYS 601 | Research: [Topic] | 1-9     |

### Specified-Course Option

The specified-courses option requires 40 graded graduate credits in physics with a GPA of at least 3.00 in these courses; 36 of those 40 credits must be selected from a list of courses approved by the department.

The master's degree program is typically completed in four terms, unless sufficient transfer credits are available, in which case it can be obtained in three.

## Master of Arts: Physics

Typically this degree is based solely on course work. Detailed requirements can be found in the Graduate Student Handbook on the department's website.

Candidates must either submit a written thesis **or** take a program of specialized courses.

### Thesis Option

A total of 9 credits must be taken either as PHYS 503 or a combination of PHYS 503 and PHYS 601.

| Code     | Title             | Credits |
|----------|-------------------|---------|
| PHYS 503 | Thesis            | 1-9     |
| PHYS 601 | Research: [Topic] | 1-9     |

### Specified-Course Option

The specified-courses option requires 40 graded graduate credits in physics with a GPA of at least 3.00 in these courses; 36 of those 40 credits must be selected from a list of courses approved by the department.

The master's degree program is typically completed in four terms, unless sufficient transfer credits are available, in which case it can be obtained in three.

In addition to all the preceding requirements, candidates for the master of arts (MA) degree must demonstrate foreign-language proficiency.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content knowledge. Students should gain a deep and broad understanding of physics. This involves a grasp of core concepts beyond the level typically seen in undergraduate education, as well as familiarity with the aims and methods of various subfields of physics. This understanding is typically achieved through combination of coursework and seminars, colloquia, and meetings.

Candidates must either submit a written thesis **or** take a program of specialized courses.

### Thesis Option

| Code                         | Title                           | Credits |
|------------------------------|---------------------------------|---------|
| Select one of the following: |                                 | 9       |
| PHYS 503                     | Thesis                          |         |
| PHYS 503<br>& PHYS 601       | Thesis<br>and Research: [Topic] |         |

### Specified-Course Option

The specified-courses option requires 40 graded graduate credits in physics with a GPA of at least 3.00 in these courses; 36 of those 40 credits must be selected from a list of courses approved by the department.

### Additional Requirement

Candidates for the master of arts (MA) degree must demonstrate foreign-language proficiency.

## Physics (PhD)

The Department of Physics offers a doctor of philosophy (PhD) degree with a variety of opportunities for research. Current research areas include astronomy and astrophysics, biophysics, condensed matter physics, elementary particle physics, and optical physics.

Several centers and institutes are supported by the Office of the Vice President for Research and Innovation (<http://research.uoregon.edu/>); the Institute for Fundamental Science (<http://ifs.uoregon.edu/>), the Materials Science Institute (<http://materialsscience.uoregon.edu/>), and the Oregon Center for Optical, Molecular and Quantum Science (<http://omq.uoregon.edu/>). These interdisciplinary institutes maintain a close relationship with the Department of Physics (<https://physics.uoregon.edu/>) as well as related departments.

The doctor of philosophy degree (PhD) in physics is based primarily on demonstrated knowledge of physics and doctoral dissertation research. PhD students also must take and pass the core graduate sequences, listed below, achieving a B– or better grade in each course. Courses may be retaken once to achieve this minimum grade. The director of graduate studies can selectively waive these requirements in exceptional cases:

### Core Course Sequence:

| Code                 | Title                                       | Credits   |
|----------------------|---------------------------------------------|-----------|
| PHYS 611–612         | Theoretical Mechanics                       | 6         |
| PHYS 613–614         | Statistical Physics                         | 6         |
| PHYS 610             | Experimental Course: [Topic] (Math Methods) | 4         |
| PHYS 622–623         | Electromagnetic Theory                      | 8         |
| PHYS 631–633         | Quantum Mechanics                           | 12        |
| <b>Total Credits</b> |                                             | <b>36</b> |

### Breadth/Specialized Course Requirements:

Six 4-credit breadth or specialized courses.

In parallel, students must locate an advisor and an advisory committee, who then administer a comprehensive oral examination testing whether the student is ready to undertake dissertation research. The heart of the PhD requirements is research leading to a doctoral dissertation.

Detailed information is available in the Graduate Student Handbook on the department's website ([http://physics.uoregon.edu/grad\\_studies/](http://physics.uoregon.edu/grad_studies/)).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content knowledge. Students should gain a deep and broad understanding of physics. This involves a grasp of core concepts beyond the level typically seen in undergraduate training, as well as familiarity with the aims and methods of various subfields of physics. This understanding is typically achieved through combination of coursework and seminars, colloquia, and meetings.
- Conduct independent research and analysis in their discipline and contribute original and substantive work in their field. This is the primary goal of any doctoral program. Its achievement is demonstrated primarily by the writing of doctoral dissertation and

the presentation of an oral dissertation defense, both of which are assessed by a faculty committee.

- Acquire familiarity with the current literature. To contribute original scientific work, a student must be knowledgeable about the present state of his or her field. This familiarity is typically attained through reading, attending seminars, participating in journal clubs, and other such activities.
- Be able to communicate scientific results. The ability to communicate scientific findings, in writing or in presentations, is an important component of a researcher's portfolio. Norms vary considerably between subfields of Physics, prohibiting blanket statements. Considering publications, for example, few author papers with a doctoral student as the lead author are standard in some subfields. In others, scientific papers can have many hundreds of authors. Similar variety exists for presentations. Nonetheless the development of communication skills is a learning objective for doctoral students in Physics.

There are as many paths to a Ph.D. as there are Ph.D. students. Unlike an undergraduate degree, or even a Master's degree, which can typically be completed through a standard program of coursework, a Ph.D. necessarily involves a unique, new contribution to human knowledge. Especially in a field like Physics, there is an enormous diversity of methods and procedures across sub-fields. Therefore, it is futile and unproductive to attempt to describe specific, universal learning goals beyond the broad goal of understanding Physics stated above.

We provide here examples of finer scale learning goals that can apply to some PhD students, stressing that it is not, nor can it be, a set that spans all students, dissertations, and degrees.

Proficiency in data analysis. Nearly all subfields of physics involved quantitative analysis of data. Exceptions include some purely theoretical studies, for example aiming for the invention of analytic mathematical treatments of physical problems. Where relevant, and objective of our Ph.D. program is facility with mathematical methods for data analysis, as well as presentation methods.

Proficiency in experimental design. Many studies in physics involve the design and execution of experiments. Where relevant, and objective of our Ph.D. program is the ability to design experiments, considering relevant issues of resolution, sample size, sources of noise, laboratory safety, etc. It should be noted that the scale of design varies enormously between subfields. In parts of high energy physics for example, studies involve thousands of researchers, with large-scale experimental design conducted by many individuals often years before a particular doctoral student's tenure. In other subfields, experiments are designed by a few researchers, including the doctoral student.

## Doctor of Philosophy

The doctor of philosophy degree (PhD) in physics is based primarily on demonstrated knowledge of physics and doctoral dissertation research. PhD students also must take and pass the core graduate sequences, listed below, achieving a B– or better grade in each course. Courses may be retaken once to achieve this minimum grade. The director of graduate studies can selectively waive these requirements in exceptional cases:

| Code                  | Title                                           | Credits |
|-----------------------|-------------------------------------------------|---------|
| <b>Core Sequences</b> |                                                 |         |
| PHYS 611 & PHYS 612   | Theoretical Mechanics and Theoretical Mechanics | 6       |

|                                      |                                                                     |    |
|--------------------------------------|---------------------------------------------------------------------|----|
| PHYS 613<br>& PHYS 614               | Statistical Physics<br>and Statistical Physics                      | 6  |
| PHYS 622<br>& PHYS 623               | Electromagnetic Theory<br>and Electromagnetic Theory                | 8  |
| PHYS 631<br>& PHYS 632<br>& PHYS 633 | Quantum Mechanics<br>and Quantum Mechanics<br>and Quantum Mechanics | 12 |

### Breadth Requirements

Six breadth courses <sup>1</sup>

<sup>1</sup> Breadth courses can be chosen from several areas of physics and allied areas such as mathematics, chemistry, and biology.

Next, students must locate an advisor and an advisory committee, who then administer a comprehensive oral examination testing whether the student is ready to undertake dissertation research. The heart of the PhD requirements is research leading to a doctoral dissertation.

Detailed information is available in the *Graduate Student Handbook* on the department's website.

## Psychology

### Sara Hodges, Department Head

541-346-4919  
463 Straub Hall  
1227 University of Oregon  
Eugene, Oregon 97403-1227

## Faculty

Jennifer Ablow, associate professor (developmental psychopathology, attachment, interpersonal emotional arousal and regulation). BA, 1988, Colorado, Boulder; PhD, 1997, California, Berkeley. (1999)

Nicholas Allen, Ann Swindells Professor in Clinical Psychology (adolescent development and mental health, mood disorders, developmental social and affective neuroscience). BS 1985, MS, 1988, PhD, 1993, Melbourne. (2013)

Holly Arrow, professor (group dynamics, psychology of war). BA, 1977, Elmira; MFA, 1982, Colorado; MA, 1995, PhD, 1996, Illinois, Urbana-Champaign. (1996)

Dare A. Baldwin, professor (language acquisition, semantic development, cognitive development). BA, 1982, California, Berkeley; MSc, 1984, California, Santa Cruz; PhD, 1989, Stanford. (1993)

Ted Bell, instructor (brain development, human memory, applied cognitive science). BS, 1990, Oregon State; MS, 1997, PhD, 2005, Oregon. (2011)

Elliot Berkman, associate professor (affective neuroscience, self-regulation, quantitative methods for neuroimaging). BA, 2002, Stanford; PhD, 2009, California, Los Angeles. (2010)

Justin Caouette, instructor (adolescent social cognition, translational neuroscience, prevention science). BA, 2008, Claremont McKenna College, PhD, 2016, UC Davis. (2020)

Melynda D. Casement, assistant professor (clinical psychology). AB, 2002, Mount Holyoke College; PhD, 2010, Michigan, Ann Arbor. (2016)

Robert Chavez, assistant professor (social neuroscience, interpersonal perception, personality and individual differences). BS, 2008, New Mexico; PhD, 2015, Dartmouth College. (2016)

David Condon, assistant professor (personality and individual differences, data science, cognitive abilities). AB, 1996, Duke; MBA, 2002, Chicago; MS, 2012, PhD, 2014, Northwestern. (2019)

Paul Dassonville, associate professor (cognitive neuroscience, perception, sensorimotor integration). BS, 1986, Texas A & M; PhD, 1992, California, Los Angeles. (1999)

Crystal Dehle, clinical associate professor (clinical psychology). BS, 1990, Washington State; PhD, 1995, Oregon. (2005)

Dagmar Zeithamova Demircan, assistant professor (cognitive neuroscience, memory). MA, 2003, Charles University, Prague; PhD, 2008, Texas, Austin. (2014)

Sarah DuBrow, assistant professor (cognitive neuroscience, memory, decision-making). BA, 2008, Stanford; PhD, 2016, New York. (2019)

Nicole M. Dudukovic, senior instructor (cognitive neuroscience, memory). BA, 2000, Stanford; MA, 2002, California, Los Angeles; PhD, 2007, Stanford. (2015)

Caitlin M. Fausey, assistant professor (development, language and cognition, experience sampling). BA, 2004, Northwestern; MA, 2008, PhD, 2010, Stanford. (2014)

Philip A. Fisher, professor (prevention research, stress neurobiology, foster care); Philip H. Knight Chair. BA, 1986, Bowdoin College; MS, 1990, PhD, 1993, Oregon. (2008)

Jennifer J. Freyd, professor (trauma psychology). BA, 1979, Pennsylvania; PhD, 1983, Stanford. (1987)

Gordon C. Nagayama Hall, professor (sociocultural context of psychopathology, sexual aggression). BS, 1977, Washington (Seattle); PhD, 1982, Fuller Theological Seminary. (2001)

Sara D. Hodges, professor (social cognition, construction of social judgments). BA, 1989, Rhodes; MA, 1992, PhD, 1995, Virginia. (1995)

Benjamin Hutchinson, assistant professor (cognitive neuroscience, memory, attention). BA, 2004, Pennsylvania; PhD, 2011, Stanford. (2018)

Christina M. Karns, research associate (attention, social emotions, neuroplasticity, neuroimaging). BS, 1999, California, San Diego; PhD, 2008, California, Berkeley. (2008)

Jagdeep Kaur-Bala, senior instructor (cognitive neuroscience, perception, attention). BSc, 1988, MSc, 1990, All India Institute of Medical Sciences, New Delhi; PhD, 1996, Tata Institute of Fundamental Research, Mumbai. (2007)

Brice A. Kuhl, associate professor (cognitive neuroscience, memory, neuroimaging). BA, 2001, Kenyon College; PhD, 2009, Stanford. (2015)  
Anne Mannerling, instructor, program director Online Master's in Psychology (cognitive and social-emotional development, early life stress, self-regulation). BA, 1998, UT Austin; MS, 2001, PhD, 2006, Oregon. (2020)

Robert Mauro, associate professor (social, emotions, psychology and law). AB, 1979, Stanford; MS, 1981, Yale; PhD, 1984, Stanford. (1984)

Ulrich Mayr, Robert and Beverly Lewis Professor in Neuroscience (cognitive neuroscience, cognitive aging). BA, 1988, PhD, 1992, Berlin. (2000)

Jeffrey Measelle, associate professor (developmental psychology, emotional development, family). BA, 1985 Brown; PhD, 1997, California, Berkeley. (1999)

Kate Mills, assistant professor (development, social neuroscience, adolescence). BA, 2011, Portland State; PhD, 2015, University College, London. (2018)

Jordan Pennefather, senior instructor (social and educational psychology, methodology, data analysis). BA, 2003, California State, Dominguez Hills; PhD, 2008, Colorado, Boulder. (2010)

Jennifer Pfeifer, professor (developmental and social cognitive neuroscience, adolescent self-perception and emotion processing). BA, 2000, Stanford; MA, 2003, PhD, 2007, California, Los Angeles. (2008)

Catrin Rode, instructor (cognitive psychology). MA, 1992, Konstanz; PhD, 1996, Münster. (2000)

Gerard Saucier, professor (personality beliefs and values, psychometrics). BA, 1978, North Carolina, Chapel Hill; MA, 1984, PhD, 1991, Oregon. (1997)

Margaret E. Sereno, associate professor (visual cognition, neural network modeling, brain imaging). BA, 1983, Northern Illinois; PhD, 1989, Brown. (1991)

Paul Slovic, professor (judgment, decision-making, risk assessment). BA, 1959, Stanford; MA, 1962, PhD, 1964, Michigan. (1986)

Matt Smear, assistant professor (systems neuroscience, olfaction). ScB, 1998, Duke; PhD, 2005, California, San Francisco. (2014)

Sanjay Srivastava, professor (interpersonal perception and self-perception, social functions of emotions, personality dynamics and development). BA, 1995, Northwestern; PhD, 2002, California, Berkeley. (2004)

Don M. Tucker, professor (emotion, cognition, neuropsychology). BA, 1969, Colorado; MS, 1972, PhD, 1974, Pennsylvania State. (1984)

Nash Unsworth, professor (working memory, memory and attention differences, memory search and retrieval). BS, 2001, Idaho State; PhD, 2006, Georgia Institute of Technology. (2010)

Michael Wehr, professor (systems neuroscience, auditory neurophysiology, cortical circuits). ScB, 1991, Brown; PhD, 1999, California Institute of Technology. (2005)

Sara Weston, assistant professor (social personality, health, personality development). BA, 2012, Northwestern; MA, 2014, PhD, 2017, Washington (St. Louis). (2019)

Maureen Zalewski, associate professor (clinical psychology, emotion and stress regulation contributing to psychopathology) BS, 2005, Pennsylvania State; MS, 2008, PhD, 2012, Washington (Seattle). (2013)

## Emeriti

Lewis R. Goldberg, professor emeritus. AB, 1953, Harvard; MA, 1954, PhD, 1958, Michigan. (1960)

Barbara Gordon-Lickey, professor emerita. AB, 1963, Radcliffe; PhD, 1966, Massachusetts Institute of Technology. (1969)

Marvin Gordon-Lickey, professor emeritus. AB, 1959, Oberlin; MA, 1962, PhD, 1965, Michigan. (1967)

Douglas L. Hintzman, professor emeritus. BA, 1963, Northwestern; PhD, 1967, Stanford. (1969)

Ray Hyman, professor emeritus. AB, 1950, Boston University; MA, 1952, PhD, 1953, Johns Hopkins. (1961)

Carolyn Keutzer, associate professor emerita. BA, 1960, MA, 1963, PhD, 1967, Oregon. (1967)

Daniel P. Kimble, professor emeritus. BA, 1956, Knox; PhD, 1961, Michigan. (1963)

Peter M. Lewinsohn, professor emeritus. BS, 1951, Allegheny; MA, 1953, PhD, 1955, Johns Hopkins. (1965)

Edward Lichtenstein, professor emeritus. BA, 1956, Duke; MA, 1957, PhD, 1961, Michigan. (1966)

Richard Marrocco, professor emeritus. BA, 1965, California, Los Angeles; PhD, 1972, Indiana. (1973)

Louis J. Moses, professor emeritus. BA, 1983, Western Australia; PhD, 1991, Stanford. (1993)

Helen Neville, professor emerita. BA, 1968, British Columbia; MA, 1970, Simon Fraser; PhD, 1975, Cornell. (1995)

Michael I. Posner, professor emeritus. BS, 1957, MS, 1959, Washington (Seattle); PhD, 1962, Michigan. (1965)

Mary K. Rothbart, professor emerita. BA, 1962, Reed; PhD, 1967, Stanford. (1969)

Myron Rothbart, professor emeritus. BA, 1962, Reed; PhD, 1966, Stanford. (1969)

Anne D. Simons, professor emerita. BA, 1974, Stanford; PhD, 1982, Washington (St. Louis). (2006)

Marjorie Taylor, professor emerita. BS, 1979, MS, 1981, Acadia; PhD, 1985, Stanford. (1985)

Robert L. Weiss, professor emeritus. BA, 1952, PhD, 1958, State University of New York, Buffalo. (1966)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Major - Bachelor's Degree

- Psychology (BA/BS) (p. 288)

### Minor

- Psychology (p. 291)



Graduate Programs

Major - Master's Degree

- Psychology (MS) (p. 291)

Major - Doctoral Degree

- Psychology (PhD) (p. 292)

Psychology (BA/BS)

Ulrich Mayr, Department Head

541-346-4921  
Straub Hall  
1227 University of Oregon  
Eugene, Oregon 97403-1227

From cognitive and developmental psychology to practices in clinical psychology and psychopathology, the UO’s Department of Psychology immerses you in the study of the human mind and behavior. All students collaborate on research as part of their academic sequence and many gain additional research experience in department labs. You will learn strong critical thinking skills and how to evaluate and convey evidence. Develop your skills in real-world settings with student-run peer programs, internships at local clinics, shelters, hospitals, and justice centers.

We are a community of scientists including faculty and postdoctoral scholars engaged in cutting-edge research. The psychology major will expose you to basic concepts, theories, findings, and ethical issues in multiple areas: social, personality and psychopathology, developmental, cognitive and experimental, and biological and physiological psychology.

Upon completing their training, UO psychology majors should have a broad knowledge of psychology, including basic statistical techniques and ethical issues, and be skilled at reading, evaluating, and communicating about the primary scientific literature in psychology.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Identify major theories, research findings, and methodological approaches in a variety of key content areas including, for example, cognition, neuroscience, development, social behavior, personality, and psychopathology and mental health; and apply research findings to human behavior in everyday life.
- Find relevant articles in the primary psychological literature on a given topic, identify key research questions and hypotheses in scientific articles, and critically evaluate the research design and the quality of evidence presented.
- Choose appropriate basic statistical analysis techniques for a specific research question and set of data, complete basic data analyses, and summarize the results in an APA-style report.
- Communicate clearly and effectively about psychological topics, including methodological and ethical issues in psychology, based on an understanding of both the strengths and limitations of empirical evidence.

To satisfy major requirements students take a total of 68 credits. Of those credits, 56 credits in psychology courses are required, 48 of which must be upper-division, and 16 of which must be taken in residence at the University of Oregon. Mind and Brain (PSY 201) and Mind and Society (PSY 202) must be taken for letter grades and passed with

grades of mid-C or better. All other required courses must be taken for letter grades and passed with grades of C– or better, although elective psychology courses may be taken pass/no pass. A minimum grade point average of 2.00 in psychology coursework is required.

Psychology Major Requirements

| Code                                                                    | Title                                   | Credits                 |
|-------------------------------------------------------------------------|-----------------------------------------|-------------------------|
| Introductory Prerequisite Courses                                       |                                         |                         |
| WR 121Z                                                                 | Composition I                           | 4                       |
| WR 122Z                                                                 | Composition II (WR 123 recommended)     | 4                       |
|                                                                         | or WR 123                               | College Composition III |
| PSY 201                                                                 | Mind and Brain                          | 4                       |
| PSY 202                                                                 | Mind and Society                        | 4                       |
| STAT 243Z                                                               | Elementary Statistics I                 | 4                       |
| Methods Foundations Courses                                             |                                         |                         |
| PSY 301                                                                 | Scientific Thinking in Psychology       | 4                       |
| PSY 302                                                                 | Statistical Methods in Psychology       | 4                       |
| PSY 303                                                                 | Research Methods in Psychology: [Topic] | 4                       |
| 300-Level Core Courses                                                  |                                         | 12                      |
| Select three of the following, one of which must be PSY 304 or PSY 305: |                                         |                         |
| PSY 304                                                                 | Biopsychology                           |                         |
| PSY 305                                                                 | Cognition                               |                         |
| PSY 306                                                                 | Social Psychology                       |                         |
| PSY 307                                                                 | Personality                             |                         |
| PSY 308                                                                 | Developmental Psychology                |                         |
| PSY 309                                                                 | Psychopathology <sup>1</sup>            |                         |
| 400-Level Specialty Courses                                             |                                         | 12                      |
| Select three of the following:                                          |                                         |                         |
| PSY 420                                                                 | Psychology and Law                      |                         |
| PSY 433                                                                 | Learning and Memory                     |                         |
| PSY 436                                                                 | Human Performance                       |                         |
| PSY 438                                                                 | Perception                              |                         |
| PSY 445                                                                 | Brain Mechanisms of Behavior            |                         |
| PSY 449                                                                 | Cognitive Neuroscience                  |                         |
| PSY 450                                                                 | Hormones and Behavior                   |                         |
| PSY 457                                                                 | Group Dynamics                          |                         |
| PSY 458                                                                 | Decision-Making                         |                         |
| PSY 459                                                                 | Cultural Psychology                     |                         |
| PSY 468                                                                 | Motivation and Emotion                  |                         |
| PSY 472                                                                 | Psychology of Trauma                    |                         |
| PSY 473                                                                 | Intimate Relationships                  |                         |
| PSY 475                                                                 | Cognitive Development                   |                         |
| PSY 476                                                                 |                                         |                         |
| PSY 478                                                                 | Social Development                      |                         |
| PSY 479                                                                 | Infancy                                 |                         |
| PSY 480                                                                 | Development and Psychopathology         |                         |
| Upper-Division Elective Courses <sup>2</sup>                            |                                         | 12                      |
| Total Credits                                                           |                                         | 68                      |

- <sup>1</sup> or OXEU 388: PSY: Psychopathology
- <sup>2</sup> Students must take 12 upper-division psychology elective credits, 8 of which must be actual content courses. A maximum of 4 credits in Research: [Topic] (PSY 401) or Practicum: [Topic] (PSY 406) may be applied to the upper-division credits. Practicum credits must be earned at a practicum site approved by the head undergraduate faculty advisor.

## Honors Curriculum

Students with excellent records who plan to pursue a career in psychology may consider applying to the departmental honors program upon completion of PSY 303. The honors program centers on an independent research project, which the student develops and carries out under the supervision of a departmental committee. Information about admission criteria and how to apply is available online (<https://psychology.uoregon.edu/undergraduates/academics/honors-program/>).

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Psychology

| Course                                                                | Title                   | Credits   | Milestones |
|-----------------------------------------------------------------------|-------------------------|-----------|------------|
| <b>First Year</b>                                                     |                         |           |            |
| <b>Fall</b>                                                           |                         |           |            |
| First-Year Interest Group or elective course                          |                         | 4         |            |
| First-Year Interest Group or arts and letters group-satisfying course |                         | 4         |            |
| PSY 202                                                               | Mind and Society        | 4         |            |
| First term of first-year second-language sequence                     |                         | 4         |            |
| Begin taking your second language in your first or second year        |                         |           |            |
| <b>Credits</b>                                                        |                         | <b>16</b> |            |
| <b>Winter</b>                                                         |                         |           |            |
| PSY 201                                                               | Mind and Brain          | 4         |            |
| WR 121Z                                                               | Composition I           | 4         |            |
| Arts and letters group-satisfying course                              |                         | 4         |            |
| Second term of first-year second-language sequence                    |                         | 4         |            |
| Meet with a psychology advisor to discuss your academic goals         |                         |           |            |
| <b>Credits</b>                                                        |                         | <b>16</b> |            |
| <b>Spring</b>                                                         |                         |           |            |
| Social science group-satisfying course (or PSY 202)                   |                         | 4         |            |
| WR 123                                                                | College Composition III | 4         |            |
| Science group-satisfying course (or STAT 243Z)                        |                         | 4         |            |
| Third term of first-year second-language sequence                     |                         | 4         |            |
| Plan your summer experience                                           |                         |           |            |
| <b>Credits</b>                                                        |                         | <b>16</b> |            |
| <b>Total Credits</b>                                                  |                         | <b>48</b> |            |

| Course             | Title                             | Credits | Milestones |
|--------------------|-----------------------------------|---------|------------|
| <b>Second Year</b> |                                   |         |            |
| <b>Fall</b>        |                                   |         |            |
| PSY 301            | Scientific Thinking in Psychology | 4       |            |

|                                                      |                                         |           |
|------------------------------------------------------|-----------------------------------------|-----------|
| STAT 243Z                                            | Elementary Statistics I                 | 4         |
| Arts and letters group-satisfying course             |                                         | 4         |
| First term of second-year second-language sequence   |                                         | 4         |
| Consider studying abroad                             |                                         |           |
| <b>Credits</b>                                       |                                         | <b>16</b> |
| <b>Winter</b>                                        |                                         |           |
| PSY 302                                              | Statistical Methods in Psychology       | 4         |
| Arts and letters group-satisfying course             |                                         | 4         |
| Social science group-satisfying course               |                                         | 4         |
| Second term of second-year second-language sequence  |                                         | 4         |
| Consider doing an internship for the major           |                                         |           |
| <b>Credits</b>                                       |                                         | <b>16</b> |
| <b>Spring</b>                                        |                                         |           |
| PSY 303                                              | Research Methods in Psychology: [Topic] | 4         |
| Science group-satisfying course                      |                                         | 4         |
| Multicultural course                                 |                                         | 4         |
| Third term of second-year second-language sequence   |                                         | 4         |
| Talk to a psychology advisor about your career plans |                                         |           |
| <b>Credits</b>                                       |                                         | <b>16</b> |
| <b>Total Credits</b>                                 |                                         | <b>48</b> |

| Course                                                                                                                                      | Title                                 | Credits      | Milestones |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------|------------|
| <b>Third Year</b>                                                                                                                           |                                       |              |            |
| <b>Fall</b>                                                                                                                                 |                                       |              |            |
| Choose from PSY 306-309                                                                                                                     |                                       | 4            |            |
| PSY 304 or PSY 305                                                                                                                          | Biopsychology or Cognition            | 4            |            |
| PSY 401 or PSY 409                                                                                                                          | Research: [Topic] or Terminal Project | 1-4          |            |
| Elective course                                                                                                                             |                                       | 4            |            |
| If you are considering graduate school, take 300-level CORE courses in your intended field of study, take the GRE, look up possible schools |                                       |              |            |
| <b>Credits</b>                                                                                                                              |                                       | <b>13-16</b> |            |
| <b>Winter</b>                                                                                                                               |                                       |              |            |
| Choose from PSY 304-309                                                                                                                     |                                       | 4            |            |
| Science group-satisfying course                                                                                                             |                                       | 4            |            |
| Elective courses                                                                                                                            |                                       | 8            |            |
| <b>Credits</b>                                                                                                                              |                                       | <b>16</b>    |            |
| <b>Spring</b>                                                                                                                               |                                       |              |            |
| Social science group-satisfying course                                                                                                      |                                       | 4            |            |
| PSY 400-level core course or multicultural course                                                                                           |                                       | 4            |            |
| Elective courses                                                                                                                            |                                       | 8            |            |
| <b>Credits</b>                                                                                                                              |                                       | <b>16</b>    |            |
| <b>Total Credits</b>                                                                                                                        |                                       | <b>45-48</b> |            |

| Course                    | Title | Credits | Milestones |
|---------------------------|-------|---------|------------|
| <b>Fourth Year</b>        |       |         |            |
| <b>Fall</b>               |       |         |            |
| PSY 400-level core course |       | 4       |            |

|                                                                     |    |
|---------------------------------------------------------------------|----|
| Upper-division elective with PSY subject code                       | 4  |
| Elective courses                                                    | 8  |
| Meet with an advisor early to make a graduation plan                |    |
| Apply to graduate schools or look for work after graduation         |    |
| Credits                                                             | 16 |
| Winter                                                              |    |
| PSY 400-level core course                                           | 4  |
| Upper-division elective course with PSY subject code                | 4  |
| Elective courses                                                    | 8  |
| Credits                                                             | 16 |
| Spring                                                              |    |
| PSY 400-level core course                                           | 4  |
| Upper-division elective course with PSY subject code                | 4  |
| Elective courses                                                    | 8  |
| Apply to graduate on DuckWeb the term you complete all requirements |    |
| Credits                                                             | 16 |
| Total Credits                                                       | 48 |

Bachelor of Science in Psychology

| Course                                                                | Title                   | Credits | Milestones |
|-----------------------------------------------------------------------|-------------------------|---------|------------|
| First Year                                                            |                         |         |            |
| Fall                                                                  |                         |         |            |
| First-Year Interest Group or elective course                          |                         | 4       |            |
| First-Year Interest Group or arts and letters group-satisfying course |                         | 4       |            |
| PSY 202                                                               | Mind and Society        | 4       |            |
| Elective course                                                       |                         | 4       |            |
| Credits                                                               |                         | 16      |            |
| Winter                                                                |                         |         |            |
| PSY 201                                                               | Mind and Brain          | 4       |            |
| WR 121Z                                                               | Composition I           | 4       |            |
| Arts and letters group-satisfying course                              |                         | 4       |            |
| Elective course                                                       |                         | 4       |            |
| Meet with a psychology advisor to discuss your academic goals.        |                         |         |            |
| Credits                                                               |                         | 16      |            |
| Spring                                                                |                         |         |            |
| Social science group-satisfying course (or PSY 202)                   |                         | 4       |            |
| WR 123                                                                | College Composition III | 4       |            |
| Science group-satisfying course or STAT 243Z                          |                         | 4       |            |
| Elective course                                                       |                         | 4       |            |
| Plan your summer experience                                           |                         |         |            |
| Credits                                                               |                         | 16      |            |
| Total Credits                                                         |                         | 48      |            |

| Course                                   | Title                             | Credits | Milestones |
|------------------------------------------|-----------------------------------|---------|------------|
| Second Year                              |                                   |         |            |
| Fall                                     |                                   |         |            |
| PSY 301                                  | Scientific Thinking in Psychology | 4       |            |
| STAT 243Z                                | Elementary Statistics I           | 4       |            |
| Arts and letters group-satisfying course |                                   | 4       |            |

|                                                      |                                            |           |
|------------------------------------------------------|--------------------------------------------|-----------|
| Elective course                                      |                                            | 4         |
| Consider studying abroad                             |                                            |           |
| <b>Credits</b>                                       |                                            | <b>16</b> |
| <b>Winter</b>                                        |                                            |           |
| PSY 302                                              | Statistical Methods in Psychology          | 4         |
| Arts and letters group-satisfying course             |                                            | 4         |
| Social science Group-satisfying course               |                                            | 4         |
| Mathematics course                                   |                                            | 4         |
| Consider doing an internship for the major           |                                            |           |
| <b>Credits</b>                                       |                                            | <b>16</b> |
| <b>Spring</b>                                        |                                            |           |
| PSY 303                                              | Research Methods in Psychology:<br>[Topic] | 4         |
| Science group-satisfying course                      |                                            | 4         |
| Multicultural course                                 |                                            | 4         |
| Mathematics course                                   |                                            | 4         |
| Talk to a psychology advisor about your career plans |                                            |           |
| <b>Credits</b>                                       |                                            | <b>16</b> |
| <b>Total Credits</b>                                 |                                            | <b>48</b> |

| Course                                                                                                                                          | Title                                 | Credits | Milestones |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------|------------|
| Third Year                                                                                                                                      |                                       |         |            |
| Fall                                                                                                                                            |                                       |         |            |
| Choose from PSY 306-309                                                                                                                         |                                       | 4       |            |
| PSY 304 or PSY 305                                                                                                                              | Biopsychology or Cognition            | 4       |            |
| PSY 401 or PSY 409                                                                                                                              | Research: [Topic] or Terminal Project | 1-4     |            |
| Elective course                                                                                                                                 |                                       | 4       |            |
| Begin working in a research lab or doing an internship                                                                                          |                                       |         |            |
| If you are considering graduate school, take 300-level CORE courses in your intended field of study, take the GRE, and look up possible schools |                                       |         |            |
| Credits                                                                                                                                         |                                       | 13-16   |            |
| Winter                                                                                                                                          |                                       |         |            |
| Choose from PSY 304-309                                                                                                                         |                                       | 4       |            |
| Science group-satisfying course                                                                                                                 |                                       | 4       |            |
| Elective courses                                                                                                                                |                                       | 8       |            |
| Credits                                                                                                                                         |                                       | 16      |            |
| Spring                                                                                                                                          |                                       |         |            |
| Social science group-satisfying course                                                                                                          |                                       | 4       |            |
| PSY 400-level core course or multicultural course                                                                                               |                                       | 4       |            |
| Elective courses                                                                                                                                |                                       | 8       |            |
| Credits                                                                                                                                         |                                       | 16      |            |
| Total Credits                                                                                                                                   |                                       | 45-48   |            |

| Course                     | Title | Credits | Milestones |
|----------------------------|-------|---------|------------|
| Fourth Year                |       |         |            |
| Fall                       |       |         |            |
| PSY 400-level core course  |       | 4       |            |
| PSY 300-400 level elective |       | 4       |            |
| Elective courses           |       | 8       |            |

Meet with an advisor early to make a graduation plan

Apply to graduate schools or look for work after graduation

| Credits                                                             |  | 16 |
|---------------------------------------------------------------------|--|----|
| <b>Winter</b>                                                       |  |    |
| PSY 400-level core course                                           |  | 4  |
| Upper-division elective course with PSY subject code                |  | 4  |
| Elective courses                                                    |  | 8  |
| Credits                                                             |  | 16 |
| <b>Spring</b>                                                       |  |    |
| PSY 400-level core course                                           |  | 4  |
| Upper-division elective course with PSY subject code                |  | 4  |
| Elective courses                                                    |  | 8  |
| Apply to graduate on DuckWeb the term you complete all requirements |  |    |
| Credits                                                             |  | 16 |
| Total Credits                                                       |  | 48 |

## Psychology Minor

### Psychology Minor Requirements

All 28 credits must be taken for letter grades and passed with a C– or better. At least 16 credits must be upper-division courses taken in residence at the University of Oregon.

Special Studies: [Topic] (PSY 199) does not count toward the minor.

| Code                                                                    | Title                             | Credits |
|-------------------------------------------------------------------------|-----------------------------------|---------|
| PSY 201                                                                 | Mind and Brain                    | 4       |
| PSY 202                                                                 | Mind and Society                  | 4       |
| PSY 301                                                                 | Scientific Thinking in Psychology | 4       |
| PSY 302                                                                 | Statistical Methods in Psychology | 4       |
| Select three of the following, one of which must be PSY 304 or PSY 305: |                                   | 12      |
| PSY 304                                                                 | Biopsychology                     |         |
| PSY 305                                                                 | Cognition                         |         |
| PSY 306                                                                 | Social Psychology                 |         |
| PSY 307                                                                 | Personality                       |         |
| PSY 308                                                                 | Developmental Psychology          |         |
| PSY 309                                                                 | Psychopathology                   |         |
| Total Credits                                                           |                                   | 28      |

## Psychology (MS)

The Online Master's in Psychology program is designed to benefit people with bachelor's degrees working in community-based organizations and public agencies that address social and mental health needs.

Graduate students in the Psychology program have a variety of professional goals. Our general learning outcomes and assessments are listed below, but these may vary in their detail according to the primary career aims of the student. Details on the Psychology Graduate Programs, including the departmental requirements meant to achieve the learning outcomes listed below, are provided in the Psychology Graduate

Handbook and in the Guide to the UO Clinical Psychology Doctoral Program, both posted on the Psychology Department website (<http://psychology.uoregon.edu>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Professional Ethics: Demonstrate knowledge of ethical and professional behavior related to academic and research integrity.
- Core Knowledge: Demonstrate a working knowledge of major theories, research findings and methodological approaches within Psychology.
- Data Analysis: Demonstrate a working knowledge of analytical and statistical techniques.
- Scientific Inquiry: Achieve a deep fluency in the scientific literature and compelling questions within a primary field of research, and (for empirical research studies) achieve proficiency in relevant experimental design, methodology, and data analysis/statistical methods.
- Scientific Communication: Demonstrate effective written scientific communication skills.

### Online Master's Degree Program

The Online Master's in Psychology program is designed to benefit people with bachelor's degrees working in community-based organizations and public agencies that address social and mental health needs. This terminal master of science (MS) degree requires 49 credits of coursework completed on a part-time schedule (9 credits per term) distributed over 6 consecutive terms, including summer. All courses are delivered asynchronously online. Students receive advanced training in program evaluation and the brain science of development and behavior change and complete a capstone research project. Upon completion of the program, students will be able to (a) evaluate current interventions delivered in their home agencies, (b) make informed selections of evidence-based programs to deliver, and (c) have a working knowledge of the basic psychological and neural processes at play in their clients as they participate in behavior change programs. This program does not provide clinical training.

| Code                                     | Title                                                            | Credits |
|------------------------------------------|------------------------------------------------------------------|---------|
| PSY 615                                  | Community Needs Assessments                                      | 4       |
| PSY 616                                  | Implementation with Community and Cultural Perspectives          | 3       |
| PSY 619                                  | Intervention Science                                             | 4       |
| PSY 628                                  | Methods of Program Evaluation                                    | 4       |
| PSY 629                                  | Methods of Program Measurement                                   | 4       |
| PSY 630                                  | Translational Neuroscience in Early Childhood                    | 3       |
| PSY 631                                  | Translational Neuroscience in Adolescence                        | 3       |
| PSY 632                                  | Translational Neuroscience in Adulthood                          | 3       |
| PSY 672                                  | Trauma Informed Interventions                                    | 3       |
| PSY 690                                  | Capstone Research                                                | 12      |
| Choose Two Electives From The Following: |                                                                  | 6       |
| PSY 607                                  | Seminar: [Topic] (Neuroscience in the Community)                 |         |
| PSY 607                                  | Seminar: [Topic] (Child Psychology and Neurological Development) |         |

|                      |                                                                                             |           |
|----------------------|---------------------------------------------------------------------------------------------|-----------|
| PSY 610              | Experimental Course: [Topic]<br>(Implementation Scalability)                                |           |
| PSY 614              | Fast Program Refinement (The proposed change would move PSY 614 from required to elective.) |           |
| PSY 618              | Substance Use and Addiction                                                                 |           |
| PSY 611              | Data Analysis I                                                                             |           |
| <b>Total Credits</b> |                                                                                             | <b>49</b> |

## Individualized Master's Degree Program

The individualized master's degree program does not lead to a PhD. This program is designed to provide advanced training for a small number of individuals who have a clearly focused research interest and an academic plan. Unlike other master's programs, this program is not designed for general master's level training in psychology. We expect persons entering the master's program to be highly self-motivated, with the goal of acquiring conceptual and research skills appropriate to their own work plans. Each program of master's study will be tailored to the individual student's goals within the discipline, so long as it satisfies core master's degree requirements. This program does not provide clinical training.

The master of science (MS) requires 45 credits of work. Program requirements and application information may be obtained from the department website. Clinical training is not available in the master's program.

- 45 credit hours in courses approved for graduate credit
- 24 of the 45 credits must be UO graded graduate credits (B- or higher)
- 30 of the 45 credits must be Psychology graduate credits
- 9 of the 45 credits must be in 600-level courses
- 2 approved graduate-level statistics courses (grade of B- or higher)
- Psy 607 Sem Research Ethics
- Completion of an approved research paper or thesis
- Maintain a UO Cumulative Graduate-Level GPA of 3.0 or higher

The Department expects that most students will complete the Master's degree in 1-2 years

## Psychology (PhD)

The goal of the Psychology Department's doctoral program is to familiarize students with the theories and methods of psychology in their own and other specialties, so they will be able to make original contributions in research, teaching, and applied work.

The Ph.D. is a research and scholarly degree, and it is expected that students will be engaged in research throughout their graduate program. The ultimate goal of the graduate curriculum is to enable students to formulate interesting research questions and to put those questions to adequate empirical test. Therefore, student research is a basic and integral component of graduate work.

The research areas of study include:

- Clinical
- Cognitive/Neuroscience
- Developmental

- Social/Personality
- Systems Neuroscience

Graduate students in the Psychology program have a variety of professional goals. Our general learning outcomes and assessments are listed below, but these may vary in their detail according to the primary career aims of the student. Details on the Psychology Graduate Programs, including the departmental requirements meant to achieve the learning outcomes listed below, are provided in the Psychology Graduate Handbook and in the Guide to the UO Clinical Psychology Doctoral Program, both posted on the Psychology Department website (<http://psychology.uoregon.edu>).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Professional Ethics: Demonstrate knowledge of ethical and professional behavior related to academic and research integrity.
- Core Knowledge: Demonstrate a broad working knowledge of major theories, research findings and methodological approaches in multiple content areas within Psychology (Developmental Psychology, Social/Personality, Clinical Psychology, Cognitive Neuroscience, Systems Neuroscience).
- Data Analysis: Demonstrate a broad working knowledge of analytical and statistical techniques.
- Scientific Inquiry: Achieve a deep fluency in the scientific literature and compelling questions within a primary field of research, and achieve proficiency in relevant experimental design, methodology, and data analysis/statistical methods.
- Scientific Communication: Demonstrate effective oral and written scientific communication skills.
- Teaching and Mentoring: Gain experience and skills in teaching and mentoring.

In addition to the learning outcomes specified above for all Ph.D. students, the Clinical Psychology Graduate Program has additional (somewhat overlapping) learning outcomes that are specified by the American Psychological Association's Commission on Accreditation. These additional learning outcomes are split into two categories, Discipline Specific Knowledge and Profession-wide Competencies:

### Discipline Specific Knowledge

- History and Systems of Psychology: Demonstrate a broad working knowledge of the intellectual and social history of Psychology, including the origins and development of major ideas within the discipline.
- Basic Content Areas in Scientific Psychology: Demonstrate a broad working knowledge of major theories, research findings and methodological approaches in basic content areas within Psychology (Affective, Biological, Cognitive, Developmental and Social aspects of behavior).
- Advance Integrative Knowledge: Demonstrate a broad working knowledge of the manner in which the basic content areas within Psychology interrelate.
- Research Methods, Statistical Analysis, and Psychometrics: Demonstrate a broad working knowledge of research methods, analytical and statistical techniques, and the theories and techniques of psychological measurement.



## Profession-Wide Competencies

### 1. Research

- Demonstrate the substantially independent ability to formulate research or other scholarly activities (e.g., critical literature reviews, dissertation, efficacy studies, clinical case studies, theoretical papers, program evaluation projects, program development projects) that are of sufficient quality and rigor to have the potential to contribute to the scientific, psychological, or professional knowledge base.
- Conduct research or other scholarly activities.
- Critically evaluate and disseminate research or other scholarly activity via professional publication and presentation at the local (including the host institution), regional, or national level.

### 2. Ethical/Legal

- Be knowledgeable of and act in accordance with each of the following:
  - The current version of the APA Ethical Principles of Psychologists and Code of Conduct;
  - Relevant laws, regulations, rules, and policies governing health service psychology at the organizational, local, state, regional, and federal levels; and
  - Relevant professional standards and guidelines.
- Recognize ethical dilemmas as they arise, and apply ethical decision-making processes in order to resolve the dilemmas.
- Conduct self in an ethical manner in all professional activities.

### 3. Individual/Cultural Diversity

- An understanding of how their own personal/cultural history, attitudes, and biases may affect how they understand and interact with people different from themselves.
- Knowledge of the current theoretical and empirical knowledge base as it relates to addressing diversity in all professional activities including research, training, supervision/consultation, and service.
- The ability to integrate awareness and knowledge of individual and cultural differences in the conduct of professional roles (e.g., research, services, and other professional activities). This includes the ability apply a framework for working effectively with areas of individual and cultural diversity not previously encountered over the course of their careers. Also included is the ability to work effectively with individuals whose group membership, demographic characteristics, or worldviews create conflict with their own.
- Demonstrate the requisite knowledge base, ability to articulate an approach to working effectively with diverse individuals and groups, and apply this approach effectively in their professional work.

### 4. Professional Values/Attitudes

- Behave in ways that reflect the values and attitudes of psychology, including integrity, deportment, professional identity, accountability, lifelong learning, and concern for the welfare of others.
- Engage in self-reflection regarding one's personal and professional functioning; engage in activities to maintain and improve performance, well-being, and professional effectiveness.
- Actively seek and demonstrate openness and responsiveness to feedback and supervision.

- Respond professionally in increasingly complex situations with a greater degree of independence as they progress across levels of training.

### 5. Communication/Interpersonal Skills

- Develop and maintain effective relationships with a wide range of individuals, including colleagues, communities, organizations, supervisors, supervisees, and those receiving professional services.
- Produce and comprehend oral, nonverbal, and written communications that are informative and well-integrated; demonstrate a thorough grasp of professional language and concepts.
- Demonstrate effective interpersonal skills and the ability to manage difficult communication well.

### 6. Assessment

- Select and apply assessment methods that draw from the best available empirical literature and that reflect the science of measurement and psychometrics; collect relevant data using multiple sources and methods appropriate to the identified goals and questions of the assessment as well as relevant diversity characteristics of the service recipient.
- Interpret assessment results, following current research and professional standards and guidelines, to inform case conceptualization, classification, and recommendations, while guarding against decision-making biases, distinguishing the aspects of assessment that are subjective from those that are objective.
- Communicate orally and in written documents the findings and implications of the assessment in an accurate and effective manner sensitive to a range of audiences.

### 7. Intervention

- Establish and maintain effective relationships with the recipients of psychological services.
- Develop evidence-based intervention plans specific to the service delivery goals.
- Implement interventions informed by the current scientific literature, assessment findings, diversity characteristics, and contextual variables.
- Demonstrate the ability to apply the relevant research literature to clinical decision making.
- Modify and adapt evidence-based approaches effectively when a clear evidence-base is lacking.
- Evaluate intervention effectiveness, and adapt intervention goals and methods consistent with ongoing evaluation.

### 8. Supervision

- Demonstrate knowledge of supervision models and practices.

### 9. Consultation and Interprofessional/Interdisciplinary Skills

- Demonstrate knowledge and respect for the roles and perspectives of other professions.
- Demonstrate knowledge of consultation models and practices.

## Doctoral Degree Programs

The five chief PhD program options are clinical, cognitive-neuroscience, systems neuroscience, developmental, and social-personality.

The department maintains a psychology clinic; specialized facilities for child and social research; experimental laboratories for human research, and well-equipped animal laboratories.

Applicants to the PhD program in psychology must take the Graduate Record Examination (GRE) and provide official results to institute code 4846 and department code 2016. Applicants must also provide three letters of recommendation, curriculum vitae, writing sample, statement of purpose, and official transcripts from all colleges and universities attended. Instructions, deadlines, and a complete list of required materials may be obtained from the department website.

During the first year of graduate work, students acquire a broad background in psychology and are introduced to methods, research, and ethics. Each student's program is planned in relation to background, current interests, and future goals. Research experience and a dissertation are required of PhD candidates; teaching experience is recommended, and opportunities to teach are available.

## Requirements for Doctoral Students

| Code                                                                              | Title                                                      | Credits |
|-----------------------------------------------------------------------------------|------------------------------------------------------------|---------|
| PSY 611–613                                                                       | Data Analysis I-III                                        | 12      |
| Three of five core courses                                                        |                                                            |         |
| PSY 607                                                                           | Seminar: [Topic] (three terms: Research, Ethics, Research) | 1-5     |
| First-year research requirement                                                   |                                                            |         |
| Supporting area requirement                                                       |                                                            |         |
| Major preliminary examination                                                     |                                                            |         |
| Additional course work required for students in the clinical program <sup>1</sup> |                                                            |         |
| Doctoral dissertation                                                             |                                                            |         |

<sup>1</sup> See the *Guide to the Clinical Psychology Program*.

## Social Sciences

Social sciences provide an analytical approach to society's problems. As a result, faculty and students in the social sciences often focus on complex and intersectional issues such as racism, international conflict and war, climate change, and poverty. Through an objective and empirical approach to these issues, the goal is to generate genuine passion and equip future leaders with the skills they need to address the world's challenges.

- African Studies (p. 295)
- Anthropology (p. 297)
- Asian Studies (p. 303)
- Black Studies (p. 312)
- Economics (p. 312)
- Environmental Studies (p. 319)
- European Studies (p. 330)
- Food Studies (p. 332)
- General Social Science (p. 334)
- Geography (p. 343)
- Global Studies (p. 354)
- History (p. 378)
- Indigenous, Race, and Ethnic Studies (p. 385)
- Latin American Studies (p. 395)
- Middle East and North Africa Studies (p. 399)
- Political Science (p. 402)
- Sociology (p. 407)
- Women's, Gender, and Sexuality Studies (p. 411)

## African Studies

**Melissa Graboyes, Program Director**  
graboyes@uoregon.edu

The African Studies Program encourages teaching and scholarship on sub-Saharan Africa, North Africa, and the wider African diaspora. The program is a focal point for students and faculty members with expertise in African studies, encouraging course offerings related to Africa, promoting study abroad programs and internships, raising funds to expand African studies resources, and organizing campus and local community events pertaining to Africa. In addition, the program supports faculty and student research on Africa and facilitates dissemination of research through the lecture series.

### Participating Faculty

Michael Allan, comparative literature

Oluwakemi "Kemi" Balogun, women's, gender, and sexuality studies

Doug Blandy, arts and administration

B. Mokaya Bosire, linguistics

Lindsay F. Braun, history

Yvonne A. Braun, women's, gender, and sexuality studies

Alfredo Burlando, economics

André Djiffack, romance languages

Stephen Dueppen, anthropology

Hanan Elsherif, religious studies

Maria Fernanda Escallón, anthropology

Stephen R. Frost, anthropology

Daphne Gallagher, honors college

Dennis C. Galvan, global studies

Ibrahim J. Gassama, law

Melissa Graboyes, history

Rita Honka, dance

Habib Iddrisu, music and dance

Leigh Johnson, geography

Allison McGuffie, cinema studies

Lanie Millar, romance languages

James Muruthi, education

Senyo Ofori-Parku, journalism and communication

Doris L. Payne, linguistics

Kory Russel, landscape architecture

Leslie Steeves, journalism and communication

Nelson Ting, anthropology

Peter A. Walker, geography

Janis C. Weeks, biology

Frances J. White, anthropology

Stephen R. Wooten, global studies

## Undergraduate Program

### Minor

- African Studies (p. 295)

## Graduate Program

### Specialization

- African Studies (p. 297)

## African Studies Minor

The African Studies Program encourages teaching and scholarship on sub-Saharan Africa, North Africa, and the wider African diaspora. The program offers a minor, develops courses related to Africa, promotes study-abroad programs and internships, raises funds to expand African Studies resources, and organizes campus and local community events pertaining to Africa. In addition, the program supports faculty and student research on Africa and facilitates the dissemination of research through

the African Studies Lecture Series, for faculty and guest presentations, and the Acacia Seminars, for presentations of student research and experiences.

## African Studies Minor Requirements

Students who want to earn an undergraduate minor in African studies must satisfy the following requirements, comprising 28 graded credits. Current Africa-related courses that count toward the minor are listed on the program website ([africa.uoregon.edu](http://africa.uoregon.edu) (<http://africa.uoregon.edu>)) under the African studies minor link.

| Code                                                      | Title                                                                | Credits   |
|-----------------------------------------------------------|----------------------------------------------------------------------|-----------|
| <b>Core Courses</b>                                       |                                                                      |           |
| AFR 215                                                   | Introduction to African Studies                                      | 4         |
| <b>History of Africa</b>                                  |                                                                      | <b>4</b>  |
| Select one of the following (or an approved alternative): |                                                                      |           |
| HIST 325                                                  | Precolonial Africa                                                   |           |
| HIST 326                                                  | Colonial and Postcolonial Africa                                     |           |
| ANTH 453                                                  | African Archaeology                                                  |           |
| <b>Contemporary African Issues</b>                        |                                                                      | <b>4</b>  |
| Select one of the following (or an approved alternative): |                                                                      |           |
| AFR 199                                                   | Special Studies: [Topic] (Health and Disease in Africa)              |           |
| BI 309                                                    | Tropical Diseases in Africa                                          |           |
| ENVS 450                                                  | Political Ecology                                                    |           |
| FLR 225                                                   | Voices of Africa                                                     |           |
| FR 407                                                    | Seminar: [Topic] (Contemporary Africa)                               |           |
| GEOG 209                                                  | Geography of the Middle East and North Africa                        |           |
| HIST 417                                                  | Society and Culture in Modern Africa: [Topic]                        |           |
| GLBL 345                                                  | Africa Today: Issues and Concerns                                    |           |
| <b>Culture, Ethnicity, and Identity in Africa</b>         |                                                                      | <b>4</b>  |
| Select one of the following (or an approved alternative): |                                                                      |           |
| ANTH 410                                                  | Experimental Course: [Topic]                                         |           |
| DANC 185                                                  | African I                                                            |           |
| DANC 199                                                  | Special Studies: [Topic] (African Drumming)                          |           |
| FLR 225                                                   | Voices of Africa                                                     |           |
| FR 407                                                    | Seminar: [Topic]                                                     |           |
| FR 490                                                    | 20th-Century Literature: [Topic] (Postcolonial Africa or Mongo Beti) |           |
| LING 407                                                  | Seminar: [Topic] (African Language Families)                         |           |
| MUS 462                                                   | Popular Musics in the African Diaspora                               |           |
| <b>Electives</b>                                          |                                                                      |           |
| Electives (see Electives list) <sup>1</sup>               |                                                                      | 12        |
| <b>Total Credits</b>                                      |                                                                      | <b>28</b> |

<sup>1</sup> Electives must be approved by a faculty advisor and must be at the 300 or 400 level, although as much as 8 credits of Swahili courses at any level may be applied. Recommended courses include any courses listed in the course list or electives list. Additional courses may be approved by the faculty advisor. For study abroad, courses will be evaluated for UO credit on a case-by-case basis through the standard Office of International Affairs procedures for assigning credit and course equivalency. Students consult with the faculty member who is sponsoring their study-abroad experience to prepare an agreement that must include the following:

- a list of readings relevant to the experience, which are to be completed prior to and during the experience
- a reflective journal on the student's activities and cross-cultural experiences
- a final paper integrating preparatory readings with the experience (approximately 4,500 words, plus references)

An African studies minor advisor must approve the credits earned in study-abroad or internship programs.

## Electives

| Code     | Title                                                                                | Credits |
|----------|--------------------------------------------------------------------------------------|---------|
| AFR 407  | Seminar: [Topic] (Africa in Oregon)                                                  | 1-5     |
| AFR 410  | Experimental Course                                                                  | 1-5     |
| ANTH 342 | Archaeology of Egypt and Near East                                                   | 4       |
| ANTH 410 | Experimental Course: [Topic] (African Topics)                                        | 5       |
| BI 309   | Tropical Diseases in Africa                                                          | 4       |
| BI 410   | Experimental Course: [Topic]                                                         | 1-16    |
| DAN 301  | African Dance Aesthetics (Africa and the Diaspora)                                   | 4       |
| DAN 410  | Experimental Course: [Topic]                                                         | 1-5     |
| DANC 399 | Special Studies: [Topic] (African Drumming)                                          | 1-5     |
| DAN 481  | Repertory Dance Company: Rehearsal (Dance Africa)                                    | 1-12    |
| ENG 399  | Special Studies: [Topic] (African Literature)                                        | 5       |
| ENVS 410 | Experimental Course: [Topic]                                                         | 1-5     |
| ENVS 450 | Political Ecology                                                                    | 4       |
| FR 361   | French Cinema for Nonmajors                                                          | 4       |
| FR 407   | Seminar: [Topic] (African Topics)                                                    | 1-6     |
| FR 490   | 20th-Century Literature: [Topic] (The Absurd and the Fantastic; Postcolonial Africa) | 4       |
| GLBL 407 | Seminar: [Topic]                                                                     | 1-5     |
| GLBL 445 | Development and Social Change in Sub-Saharan Africa                                  | 4       |
| HIST 407 | Seminar: [Topic]                                                                     | 5       |
| HIST 410 | Experimental Course: [Topic]                                                         | 1-6     |
| HIST 325 | Precolonial Africa                                                                   | 4       |
| HIST 326 | Colonial and Postcolonial Africa                                                     | 4       |
| HIST 417 | Society and Culture in Modern Africa: [Topic]                                        | 4       |
| HIST 419 | African Regional Histories: [Topic]                                                  | 4       |
| GLBL 345 | Africa Today: Issues and Concerns                                                    | 4       |
| GLBL 420 | Global Community Development                                                         | 4       |
| GLBL 421 | Gender and International Development                                                 | 4       |

|              |                                                                 |     |
|--------------|-----------------------------------------------------------------|-----|
| J 410        | Experimental Course: [Topic] (Media in Ghana)                   | 4   |
| LING 407     | Seminar: [Topic] (African Language Families)                    | 1-5 |
| MUS 358      | Music in World Cultures                                         | 4   |
| MUS 451      | Introduction to Ethnomusicology                                 | 4   |
| MUS 452      | Musical Instruments of the World                                | 4   |
| PS 399       | Special Studies: [Topic] (Any courses with African topics)      | 1-5 |
| SOC 313      | Social Issues and Movements                                     | 4   |
| SWAH 101     | First Year Swahili                                              | 5   |
| SWAH 102–103 | First-Year Swahili                                              | 10  |
| SWAH 201     | Second-Year Swahili                                             | 5   |
| SWAH 201–202 | Second-Year Swahili                                             | 10  |
| SWAH 203     | Second Year Swahili                                             | 5   |
| WGS 410      | Experimental Course: [Topic] (Gender and Global Social Justice) | 1-4 |
| WGS 432      | Gender, Environment, and Development                            | 4   |

Deviations from the requirements listed must be approved by an African studies advisor.

### Restrictions

- No more than 8 credits may be from courses with 25 to 49 percent Africa content.
- No more than 4 credits may be from performance courses.
- No more than 12 credits may be from a single department.
- No more than 4 credits may be taken pass/no pass.
- Students must consult with an African studies advisor to confirm that the curricular overlap between the student's major and the African studies minor maintains the principle of academic breadth.

## African Studies Graduate Specialization

The African Studies Graduate Specialization may be earned by students from any University of Oregon M.A. or Ph.D. program. The specialization is designed to be flexible, and will solidify opportunities for you to engage African Studies more formally in your studies. It will both enhance your background preparation of Africanist-related education and research, and has the potential to positively impact future job opportunities.

To declare the specialization, please contact the Graduate Coordinator (gslgrad@uoregon.edu) or Director of African Studies Melissa Graboyes (graboyes@uoregon.edu), and complete the specialization declaration form ([https://africa.uoregon.edu/files/2016/09/Specialization-Declaration\\_0-1ljmy8e.pdf](https://africa.uoregon.edu/files/2016/09/Specialization-Declaration_0-1ljmy8e.pdf)), (including obtaining a department representative signature), and be sure to file it with the Graduate School no later than week 5 of the term in which you want to make a change.

The UO Graduate School (<https://gradschool.uoregon.edu/academic-programs/#specializations>) has general information about graduate specializations campus-wide.

### Specialization Requirements

Students are required to take one class from each of 4 thematic areas, for a total of 4 classes and 16 units. These areas are:

- Core Course
- The African Past
- Contemporary Africa
- Culture, Ethnicity and Identity

## Graduate Studies

Arranging a graduate degree program with a concentration in African studies is possible in a number of departments and programs in the College of Arts and Sciences and the School of Music and Dance. Anthropology, biology, dance, environmental studies, French (in the Romance languages department), folklore and public culture, geography, history, international studies, linguistics, political science, and sociology have faculty members with expertise and strong interest in this area.

Students should consult with the affiliated faculty members regarding such arrangements.

## Graduate Specialization

Students in a University of Oregon MA or PhD program may choose a graduate specialization in African studies. The student will be assigned an advisor within African studies and must satisfy the following requirements:

| Code                 | Title                                                                                    | Credits   |
|----------------------|------------------------------------------------------------------------------------------|-----------|
| ANTH 650             |                                                                                          | 4         |
|                      | Approved graduate course in African history                                              | 4         |
|                      | Approved graduate course on issues in contemporary Africa                                | 4         |
|                      | Approved graduate course dealing with issues in African culture, ethnicity, and identity | 4         |
| <b>Total Credits</b> |                                                                                          | <b>16</b> |

## Anthropology

**Lamia Karim, Department Head**

541-346-5095  
308 Condon Hall

Anthropology, the study of humans, includes sociocultural anthropology, biological anthropology, and archaeology. Courses offered by the Department of Anthropology span the natural sciences, social sciences, and humanities and provide a broad understanding of human nature and society for students in other fields and for anthropology majors.

The broad perspective on human culture and biology that anthropology offers can enhance studies in many other fields, including history, psychology, international studies, environmental studies, ecology and evolution, geography, earth system science, literature, political science, folklore and public culture, language study, art history, and public policy and management.

## Faculty

Scott A. Blumenthal, assistant professor, (paleoanthropology, biological anthropology, archaeology). BA, 2008, Illinois, Urbana-Champaign; PhD, 2015, City University of New York. (2018)

Alison K. Carter, assistant professor (archaeology). BA, 2001, Oberlin College; MS, 2007, PhD, 2013, Wisconsin, Madison. (2017)



L. Zachary DuBois, assistant professor (biocultural anthropology, gender and LGBT experience, stress and social determinants of health). BA, 2002, PhD, 2012, Massachusetts, Amherst. (2018)

Stephen Dueppen, associate professor (archaeology). BA, 1999, California, San Diego; MA, 2004, PhD, 2008, Michigan. (2012)

Maria Fernanda Escallón, assistant professor (sociocultural anthropology, cultural heritage). BA, 2003, MA, 2004, Los Andes; MA, 2009, PhD, 2016, Stanford. (2016)

Scott M. Fitzpatrick, professor; associate director, Museum of Natural and Cultural History. (island and coastal archaeology, Pacific, Caribbean) BA, 1994, Eastern Washington; MA, 1996, Montana; PhD, 2003, Oregon. (2012)

Stephen R. Frost, professor (human-primate evolution and paleontology, morphometrics, Africa). BA, 1994, California State, Long Beach; PhD, 2001, City University of New York, City College. (2004)

Lamia Karim, associate professor (cultural anthropology). BA, 1984, Brandeis; MA, 1993, Michigan; PhD, 2001 Rice. (2003)

Gyoung-Ah Lee, associate professor (paleoethnobotany, archaeology, East Asia); director, graduate studies. BA, 1992, Seoul National; MSc, 1997, PhD, 2003, Toronto. (2007)

Leah Lowthorp, assistant professor (cultural anthropologist, folklorist, critical heritage). BA, 2003, California, Berkeley; MA, 2005, Pennsylvania; MA, 2007, Institut Européen des Hautes Etudes Internationales; PhD, 2013, Pennsylvania. (2018)

Johanna Bard Richlin, assistant professor (religion, migration, and affect; U.S., Brazil, Europe) BA, 2008 Wesleyan University; M.T.S. 2010 Harvard Divinity School; MA, 2012, PhD, 2016, Stanford University. (2018)

Michelle Scalise Sugiyama, senior instructor 1, BA, 1985, San Diego State, MA, 1988, PhD, 1997 California Santa Barbara. (2015)

Philip W. Scher, professor (Caribbean, politics of culture, transnationalism); divisional dean, social sciences, College of Arts and Sciences. BA, 1987, Brown; MS, 1991, PhD, 1997, Pennsylvania. (2002)

J. Josh Snodgrass, professor (human biology, human nutrition and energetics, skeletal biology); associate vice provost, undergraduate education and student success. BA, 1995, California, Santa Cruz; MA, 1998, Florida; PhD, 2004, Northwestern. (2005)

Lynn Stephen, professor, Philip H. Knight Chair. (ethnicity and political economies, gender, U.S. Latinos and Latin America); BA, 1979, Carleton; PhD, 1987, Brandeis. (1998)

Kirstin Sterner, associate professor (molecular anthropology). BA, 2001, MA, 2005, PhD, 2009, New York. (2011)

Lawrence S. Sugiyama, professor (evolutionary psychology, behavioral ecology, biocultural anthropology). BA, 1985, MA, 1991, PhD, 1996, California, Santa Barbara. (1996)

Nelson Ting, associate professor (molecular anthropology, primate genetics, ecology, conservation Africa); director, undergraduate studies. BA, 1999, Washington (St. Louis); MA, 2001, Missouri, Columbia; PhD, 2008, City University of New York. (2011)

Larry R. Ulibarri, instructor; BA, 2002, Northern Colorado; MA, 2006, PhD, 2013, Colorado, Boulder. (2019)

Frances J. White, professor (evolution of primate behavior, Africa); department head. BA, 1980, MA, 1984, Cambridge; PhD 1986, State University of New York, Stony Brook. (2001)

## Emeriti

C. Melvin Aikens, professor emeritus. BA, 1960, Utah; MA, 1962, PhD, 1966, Chicago. (1968)

William S. Ayres, professor emeritus. BA, 1966, Wyoming; PhD, 1973, Tulane. (1976)

Aletta Biersack, professor emerita. BA, 1965, MA, 1969, 1972, PhD, 1980, Michigan. (1982)

Don E. Dumond, professor emeritus. BA, 1949, New Mexico; MA, 1957, Mexico City College; PhD, 1962, Oregon. (1962)

Jon M. Erlandson, professor emeritus. BA, 1980, MA, 1983, PhD, 1988, California, Santa Barbara. (1990)

John R. Lukacs, professor emeritus. BA, 1969, MA, 1970, Syracuse; PhD, 1977, Cornell. (1976)

Geraldine Moreno Black, professor emerita. BA, 1967, State University of New York, Buffalo; MA, 1970, Arizona; PhD, 1974, Florida. (1974)

Madonna L. Moss, professor emerita. BA, 1976, William and Mary; MA, 1982, PhD, 1989, California, Santa Barbara. (1990)

Theresa O'Neill, associate professor emerita. BA, 1981, Notre Dame; MA, 1985, PhD, 1992, Harvard. (1998)

Carol T. Silverman, professor emerita. BA, 1972, City University of New York, City College; MA, 1974, PhD, 1979, Pennsylvania. (1980)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Participating

Andrew Boehm, Museum of Natural and Cultural History

Thomas J. Connolly, Museum of Natural and Cultural History

Ann Craig, Museum of Natural and Cultural History

Edward Davis, Museum of Natural and Cultural History

Pamela E. Endzweig, Museum of Natural and Cultural History

Samantha Hopkins, Museum of Natural and Cultural History

Dennis L. Jenkins, Museum of Natural and Cultural History

Elizabeth Kallenbach, Museum of Natural and Cultural History

Jaime Kennedy, Museum of Natural and Cultural History

Jeanne McLaughlin, Museum of Natural and Cultural History

Patrick O'Grady, Museum of Natural and Cultural History

Gregory Retallack, Museum of Natural and Cultural History

Chris Ruiz, Museum of Natural and Cultural History

## Undergraduate Programs

### Major - Bachelor's Degree

- Anthropology (BA/BS) (p. 299)

### Minors

- Anthropology (p. 302)
- Forensic Anthropology (p. 302)

## Graduate Program

### Major - Doctoral Degree

- Anthropology (PhD) (p. 303)

## Anthropology (BA/BS)

At the UO's Department of Anthropology, you can learn about various cultures and populations, dig up fossils, study gorillas, hunt for ancient relics, and more. Pursue your specific interests through our three anthropological subfields: cultural anthropology, biological anthropology, and archaeology.

You will be taught by working anthropologists who study societies from the past and present in West Africa, East Africa, Latin America, North America, East Asia, South Asia, Southeast Asia, Oceania, and the Caribbean. Learn about the human species from ecological and evolutionary perspectives, and gain a deeper understanding of human biological variation and our relation to other animals. You can participate in field schools that travel across the world digging for artifacts, and go abroad to study international cultures.

### Program's Admission Requirements

Please visit the program's website (<https://anthropology.uoregon.edu/undergrad-program/major/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Explain how Anthropology as a discipline examines what it means to be human through a holistic and integrative approach.
- Explain how knowledge is produced and how incorporation of diverse perspectives leads to broader understandings of the human experience.
- Evaluate the influence of genetic, ecological, and sociocultural factors on human biological and cultural variation in the past, present, and future.
- Evaluate how anthropology can help us to better understand the broad range of important issues that will require decision and policy making in the future.
- Demonstrate cross cultural awareness, cultural competency, and the importance of understanding different perspectives.

### Anthropology Major Requirements

Courses used to fulfill major requirements must be taken for letter grades and passed with a C– or better. To ensure a liberal education, anthropology majors are strongly encouraged to limit their anthropology credits to 52. Majors contemplating graduate work are advised to

complete two years of a second language. Statistics is desirable for those with interests in biological anthropology and archaeology.

| Code                                                                               | Title                                   | Credits   |
|------------------------------------------------------------------------------------|-----------------------------------------|-----------|
| <b>Core Requirements</b>                                                           |                                         | <b>12</b> |
| ANTH 145                                                                           | Principles of Archaeology               |           |
| ANTH 161                                                                           | Introduction to Cultural Anthropology   |           |
| ANTH 270                                                                           | Introduction to Biological Anthropology |           |
| <b>Breadth Requirements</b>                                                        |                                         | <b>12</b> |
| One upper-division geographic area course in archaeology                           |                                         |           |
| One course in cultural anthropology                                                |                                         |           |
| One course in biological anthropology                                              |                                         |           |
| Four upper-division anthropology courses in one area of concentration <sup>1</sup> |                                         | 16        |
| Two upper-division anthropology electives <sup>2</sup>                             |                                         | 8         |
| <b>Total Credits</b>                                                               |                                         | <b>48</b> |

- <sup>1</sup> Areas of concentration: cultural anthropology, biological anthropology, archaeology.  
ANTH 406, ANTH 408, ANTM 406, and ANTM 408, may not be used to fulfill Area of Concentration requirement.  
Courses that may only be taken P/NP, e.g., ANTH 401, 403, and 405 do not count toward the fulfillment of major requirements.
- <sup>2</sup> No more than 8 credits of independent study and 8 credits of eligible courses in other departments may be used to fulfill Anthropology electives requirement.

Majors must meet with an anthropology advisor at least once a year.

### Concentration in Archaeology

| Code                                                        | Title                                        | Credits   |
|-------------------------------------------------------------|----------------------------------------------|-----------|
| <b>Four Upper Division Archaeology Courses <sup>1</sup></b> |                                              | <b>16</b> |
| ANTH 340                                                    | Fundamentals of Archaeology                  |           |
| ANTH 341                                                    | Food Origins                                 |           |
| ANTH 342                                                    | Archaeology of Egypt and Near East           |           |
| ANTH 343                                                    | Pacific Islands Archaeology                  |           |
| ANTH 344                                                    | Oregon Archaeology                           |           |
| ANTH 345                                                    | Archaeology of East Asia                     |           |
| ANTH 373                                                    | Psychoactive Substances in Ancient Societies |           |
| ANTH 442                                                    | Northwest Coast Archaeology                  |           |
| ANTH 443                                                    | North American Archaeology                   |           |
| ANTH 446                                                    | Practical Archaeobotany                      |           |
| ANTH 448                                                    | Gender and Archaeology                       |           |
| ANTH 449                                                    | Cultural Resource Management                 |           |
| ANTH 453                                                    | African Archaeology                          |           |
| ANTH 456                                                    | Peopling of the Americas                     |           |
| ANTH 471                                                    | Zooarchaeology: [Topic]                      |           |
| <b>Total Credits</b>                                        |                                              | <b>16</b> |

<sup>1</sup> The following additional upper division Anthropology courses MAY NOT be used to fulfill this requirement: ANTH 406, ANTH 408, ANTM 406 & ANTM 408.

Students may complete a second or third area of concentration by taking 3 additional courses (12 credits) in that area of concentration. Please see a major advisor for details.

All courses must be graded, with a minimum grade of C-. Courses that may only be taken P/NP, e.g., ANTH 401, 403, 405, and 409 do not count toward the fulfillment of major requirements.

## Concentration in Biological Anthropology

| Code                                                       | Title                                           | Credits   |
|------------------------------------------------------------|-------------------------------------------------|-----------|
| <b>Four Upper Division Biological Courses <sup>1</sup></b> |                                                 | <b>16</b> |
| ANTH 332                                                   | Human Attraction and Mating Strategies          |           |
| ANTH 349                                                   | Origins of Art                                  |           |
| ANTH 361                                                   | Human Evolution                                 |           |
| ANTH 362                                                   | Human Biological Variation                      |           |
| ANTH 366                                                   | Human Osteology Laboratory                      |           |
| ANTH 369                                                   | Human Growth and Development                    |           |
| ANTH 375                                                   |                                                 |           |
| ANTH 376                                                   | Decoding Your Genome                            |           |
| ANTH 459                                                   | Advanced Evolutionary Medicine                  |           |
| ANTH 462                                                   | Primate Evolution                               |           |
| ANTH 463                                                   | Primate Behavior                                |           |
| ANTH 466                                                   |                                                 |           |
| ANTH 467                                                   | Paleoecology and Human Evolution                |           |
| ANTH 468                                                   | Evolutionary Theory                             |           |
| ANTH 470                                                   | Statistical Analysis of Biological Anthropology |           |
| ANTH 472                                                   | Primate Conservation Biology                    |           |
| ANTH 473                                                   | Advanced Forensic Anthropology                  |           |
| ANTH 479                                                   | Taphonomy: Bones, Bugs, and Burials             |           |
| ANTH 481                                                   | Principles of Evolutionary Psychology           |           |
| ANTH 487                                                   | Bioanthropology Methods                         |           |
| <b>Total Credits</b>                                       |                                                 | <b>16</b> |

<sup>1</sup> The following additional upper division Anthropology courses MAY NOT be used to fulfill this requirement: ANTH 406, ANTH 408, ANTM 406 & ANTM 408.

Students may complete a second or third area of concentration by taking 3 additional courses (12 credits) in that area of concentration. Please see a major advisor for details.

All courses must be graded, with a minimum grade of C-. Courses that may only be taken P/NP, e.g., ANTH 401, 403, 405, and 409 do not count toward the fulfillment of major requirements.

## Concentration in Cultural Anthropology

| Code                                                                  | Title                             | Credits   |
|-----------------------------------------------------------------------|-----------------------------------|-----------|
| <b>Four Upper Division Cultural Anthropology Courses <sup>1</sup></b> |                                   | <b>16</b> |
| ANTH 311                                                              | Anthropology of Globalization     |           |
| ANTH 315                                                              | Gender, Folklore, Inequality      |           |
| ANTH 320                                                              | Native North Americans            |           |
| ANTH 322                                                              | Anthropology of the United States |           |
| ANTH 326                                                              |                                   |           |

|                      |                                  |           |
|----------------------|----------------------------------|-----------|
| ANTH 329             | Immigration and Farmworkers      |           |
| ANTH 330             | Hunters and Gatherers            |           |
| ANTH 331             | Cultures of India and South Asia |           |
| ANTH 365             | Food and Culture                 |           |
| ANTH 411             |                                  |           |
| ANTH 413             | Culture and Psychology           |           |
| ANTH 415             | Human Life History               |           |
| ANTH 420             | Culture, Illness, and Healing    |           |
| ANTH 427M            | Latino Roots I                   |           |
| ANTH 428M            | Latino Roots II                  |           |
| ANTH 429             | Jewish Folklore and Ethnology    |           |
| ANTH 434             | Native South Americans           |           |
| ANTH 438             | Race and Gender in Latin America |           |
| <b>Total Credits</b> |                                  | <b>16</b> |

<sup>1</sup> The following additional upper division Anthropology courses MAY NOT be used to fulfill this requirement: ANTH 406, ANTH 408, ANTM 406 & ANTM 408.

Students may complete a second or third area of concentration by taking 3 additional courses (12 credits) in that area of concentration. Please see a major advisor for details.

All courses must be graded, with a minimum grade of C-. Courses that may only be taken P/NP, e.g., ANTH 401, 403, 405, and 409 do not count toward the fulfillment of major requirements.

## Honors

The Anthropology Honors Program is designed for outstanding Anthropology majors interested in independent exploration of a special topic of their own choosing under the guidance of a faculty member.

Students should identify an area of research interest during their junior years or earlier, and approach members of the faculty with whom they want to work. It is best if a student can take a class taught by the faculty member during the junior year (at the latest). Some faculty members require students to take a course from them before allowing students to work in their laboratories.

Complete form with faculty advisor: Individualized Study Form ([https://anthropology.uoregon.edu/files/2020/12/ISform-ANTH\\_Oct2020.pdf](https://anthropology.uoregon.edu/files/2020/12/ISform-ANTH_Oct2020.pdf))

An honors thesis is expected to make a substantial and persuasive argument situated with in, and contributing to, current critical debates while demonstrating exceptional verbal clarity and sophistication.

If you intend to pursue honors in Anthropology you will need to notify the department via email, [anthro@uoregon.edu](mailto:anthro@uoregon.edu), no later than the first term of your senior year.

Must meet all requirements:

- Maintains at least a 3.75 GPA in Anthropology coursework
- Maintain a cumulative 3.50 overall GPA
- Submit an original undergraduate thesis written under the guidance of a departmental faculty member, who serves as thesis advisor.
- Honors thesis must be submitted to thesis advisor **3 weeks** before the end of the term you are graduating. (*example Graduating: Fall – last week in November, Winter- last week in April, Spring- last week in May, Summer- last week in August*)

- An electronic copy of Honors Thesis emailed to anthro@uoregon.edu.

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

### Bachelor of Arts in Anthropology

An optional minor is included in this example. Please consult with an anthropology advisor concerning a plan that is best for you.

| Course                                               | Title                                             | Credits Milestones |
|------------------------------------------------------|---------------------------------------------------|--------------------|
| <b>First Year</b>                                    |                                                   |                    |
| <b>Fall</b>                                          |                                                   |                    |
| WR 121Z                                              | Composition I                                     | 4                  |
| ANTH 145<br>or<br>ANTH 150                           | Principles of Archaeology<br>or World Archaeology | 4                  |
| First term of first-year second-language sequence    |                                                   | 4                  |
| <b>Credits</b>                                       |                                                   | <b>12</b>          |
| <b>Winter</b>                                        |                                                   |                    |
| WR 122Z                                              | Composition II                                    | 4                  |
| ANTH 270                                             | Introduction to Biological Anthropology           | 4                  |
| Second term of first-year second-language sequence   |                                                   | 4                  |
| Multicultural course                                 |                                                   | 4                  |
| <b>Credits</b>                                       |                                                   | <b>16</b>          |
| <b>Spring</b>                                        |                                                   |                    |
| ANTH 161                                             | Introduction to Cultural Anthropology             | 4                  |
| Third term of first-year second-language sequence    |                                                   | 4                  |
| Multicultural course                                 |                                                   | 4                  |
| Group-satisfying social science course               |                                                   | 4                  |
| <b>Credits</b>                                       |                                                   | <b>16</b>          |
| <b>Second Year</b>                                   |                                                   |                    |
| <b>Fall</b>                                          |                                                   |                    |
| Upper-division geographic-area course in archaeology |                                                   | 4                  |
| First term of second-year second-language sequence   |                                                   | 4                  |
| Group-satisfying course in arts and letters          |                                                   | 4                  |
| Group-satisfying course in social science            |                                                   | 4                  |
| <b>Credits</b>                                       |                                                   | <b>16</b>          |
| <b>Winter</b>                                        |                                                   |                    |
| One course in cultural anthropology                  |                                                   | 4                  |
| Second term of second-year second-language sequence  |                                                   | 4                  |
| Group-satisfying course in social science            |                                                   | 4                  |
| Group-satisfying course in science                   |                                                   | 4                  |
| <b>Credits</b>                                       |                                                   | <b>16</b>          |
| <b>Spring</b>                                        |                                                   |                    |
| One course in biological anthropology                |                                                   | 4                  |
| Third term of second-year second-language sequence   |                                                   | 4                  |
| Group-satisfying course in arts and letters          |                                                   | 4                  |
| Group-satisfying course in science                   |                                                   | 4                  |
| <b>Credits</b>                                       |                                                   | <b>16</b>          |

### Third Year

#### Fall

|                                                   |   |
|---------------------------------------------------|---|
| Upper-division course in an area of concentration | 4 |
| Group-satisfying course in arts and letters       | 4 |
| Group-satisfying course in science                | 4 |
| Course that satisfies minor requirement           | 4 |

**Credits 16**

#### Winter

|                                                   |   |
|---------------------------------------------------|---|
| Upper-division course in an area of concentration | 4 |
| Group-satisfying course in arts and letters       | 4 |
| Group-satisfying course in social science         | 4 |
| Course that satisfies minor requirement           | 4 |

**Credits 16**

#### Spring

|                                                   |   |
|---------------------------------------------------|---|
| Upper-division course in an area of concentration | 4 |
| Group-satisfying course in science                | 4 |
| Two courses that satisfy minor requirement        | 8 |

**Credits 16**

### Fourth Year

#### Fall

|                                                   |   |
|---------------------------------------------------|---|
| Upper-division course in an area of concentration | 4 |
| Two courses that satisfy minor requirement        | 8 |
| Additional course                                 | 4 |

**Credits 16**

#### Winter

|                                         |   |
|-----------------------------------------|---|
| Anthropology elective                   | 4 |
| Course that satisfies minor requirement | 4 |
| Additional course                       | 4 |

**Credits 12**

#### Spring

|                                         |   |
|-----------------------------------------|---|
| Anthropology elective                   | 4 |
| Course that satisfies minor requirement | 4 |
| Additional course                       | 4 |

**Credits 12**

**Total Credits 180**

### Bachelor of Science in Anthropology

An optional minor is included in this example. Please consult with an anthropology advisor concerning a plan that is best for you.

| Course                     | Title                                             | Credits Milestones |
|----------------------------|---------------------------------------------------|--------------------|
| <b>First Year</b>          |                                                   |                    |
| <b>Fall</b>                |                                                   |                    |
| MATH 105Z                  | Math in Society                                   | 4                  |
| WR 121Z                    | Composition I                                     | 4                  |
| ANTH 145<br>or<br>ANTH 150 | Principles of Archaeology<br>or World Archaeology | 4                  |
| <b>Credits</b>             |                                                   | <b>12</b>          |
| <b>Winter</b>              |                                                   |                    |
| MATH 106                   | University Mathematics II                         | 4                  |
| WR 122Z                    | Composition II                                    | 4                  |
| ANTH 270                   | Introduction to Biological Anthropology           | 4                  |

|                                                      |           |
|------------------------------------------------------|-----------|
| Multicultural course                                 | 4         |
| <b>Credits</b>                                       | <b>16</b> |
| <b>Spring</b>                                        |           |
| MATH 107 University Mathematics III                  | 4         |
| ANTH 161 Introduction to Cultural Anthropology       | 4         |
| Multicultural course                                 | 4         |
| Group-satisfying course in social science            | 4         |
| <b>Credits</b>                                       | <b>16</b> |
| <b>Second Year</b>                                   |           |
| <b>Fall</b>                                          |           |
| Upper-division geographic-area course in archaeology | 4         |
| Course that satisfies minor requirement              | 4         |
| Group-satisfying course in arts and letters          | 4         |
| Group-satisfying course in social science            | 4         |
| <b>Credits</b>                                       | <b>16</b> |
| <b>Winter</b>                                        |           |
| One course in cultural anthropology                  | 4         |
| Course that satisfies minor requirement              | 4         |
| Group-satisfying course in social science            | 4         |
| Group-satisfying course in science                   | 4         |
| <b>Credits</b>                                       | <b>16</b> |
| <b>Spring</b>                                        |           |
| One course in biological anthropology                | 4         |
| Course that satisfies minor requirement              | 4         |
| Group-satisfying course in arts and letters          | 4         |
| Group-satisfying course in science                   | 4         |
| <b>Credits</b>                                       | <b>16</b> |
| <b>Third Year</b>                                    |           |
| <b>Fall</b>                                          |           |
| Upper-division course in an area of concentration    | 4         |
| Course that satisfies minor requirement              | 4         |
| Group-satisfying course in arts and letters          | 4         |
| Group-satisfying course in science                   | 4         |
| <b>Credits</b>                                       | <b>16</b> |
| <b>Winter</b>                                        |           |
| Upper-division course in an area of concentration    | 4         |
| Course that satisfies minor requirement              | 4         |
| Group-satisfying course in arts and letters          | 4         |
| Group-satisfying course in social science            | 4         |
| <b>Credits</b>                                       | <b>16</b> |
| <b>Spring</b>                                        |           |
| Upper-division course in an area of concentration    | 4         |
| Course that satisfies minor requirement              | 4         |
| Group-satisfying course in science                   | 4         |
| Additional course                                    | 4         |
| <b>Credits</b>                                       | <b>16</b> |
| <b>Fourth Year</b>                                   |           |
| <b>Fall</b>                                          |           |
| Upper-division course in an area of concentration    | 4         |
| Course that satisfies minor requirement              | 4         |
| Additional courses                                   | 8         |
| <b>Credits</b>                                       | <b>16</b> |

**Winter**

|                                         |   |
|-----------------------------------------|---|
| Anthropology elective                   | 4 |
| Course that satisfies minor requirement | 4 |
| Additional course                       | 4 |

**Credits** **12**

**Spring**

|                       |   |
|-----------------------|---|
| Anthropology elective | 4 |
| Additional courses    | 8 |

**Credits** **12**

**Total Credits** **180**

## Anthropology Minor

Anthropology is the study of humans, and our selection of courses are designed to have better understanding of human cultural and biological origins and diversity.

### Minor Requirements

| Code                 | Title                                     | Credits   |
|----------------------|-------------------------------------------|-----------|
|                      | 100- or 200-level anthropology course     | 4         |
|                      | 300- or 400-level anthropology courses    | 12        |
|                      | 400-level anthropology courses            | 4         |
|                      | Elective anthropology course at any level | 4         |
| <b>Total Credits</b> |                                           | <b>24</b> |

The minor in anthropology complements a major in another discipline. Courses used to complete the minor must be chosen in consultation with an anthropology advisor. Of the 24 credits required in anthropology, 20 must be graded and passed with a C– or better.

## Forensic Anthropology Minor

Forensic Anthropology is the study of human remains for medicolegal purposes, relying on facets of human anatomy, skeletal biology, human behavior, taphonomy, and pathology. Forensics applies these sciences to the legal process. This minor in Forensics Anthropology is intended to complement a major in another discipline.

### Minor in Forensic Anthropology

| Code                                                           | Title                                   | Credits   |
|----------------------------------------------------------------|-----------------------------------------|-----------|
| Required Core Courses:                                         |                                         | 8         |
| ANTH 270                                                       | Introduction to Biological Anthropology |           |
| ANTH 176                                                       | Introduction to Forensic Anthropology   |           |
| Choose three courses from the following:                       |                                         | 12        |
| ANTH 366                                                       | Human Osteology Laboratory              |           |
| ANTH 376                                                       | Decoding Your Genome                    |           |
| ANTH 473                                                       | Advanced Forensic Anthropology          |           |
| ANTH 474                                                       | Human Skeletal Pathology                |           |
| ANTH 479                                                       | Taphonomy: Bones, Bugs, and Burials     |           |
| Electives - Choose one course from the following: <sup>1</sup> |                                         | 4         |
| ANTH 145                                                       | Principles of Archaeology               |           |
| ANTH 471                                                       | Zooarchaeology: [Topic]                 |           |
| <b>Total Credits</b>                                           |                                         | <b>24</b> |



<sup>1</sup> Students may also select an additional course from the second section to satisfy the electives section.

## Anthropology (PhD)

The UO Department of Anthropology offers the Doctor of Philosophy (Ph.D.) degree with a concentration in one of three subfields: Archaeology (<https://anthropology.uoregon.edu/research/archaeology-2/>), Biological Anthropology (<https://anthropology.uoregon.edu/biological-anthropology/>), or Cultural Anthropology (<https://anthropology.uoregon.edu/cultural-anthropology/>). While graduate students choose one subfield on which to focus their studies, many follow an interdisciplinary path that bridges between subfields, as well as to different disciplines. This approach is encouraged in our department, which is distinctive in its commitment to the integration of the anthropological subfields via five Areas of Expertise and Focus. (<https://anthropology.uoregon.edu/research/>)

Students without a relevant Master's degree (i.e., a Master's degree in Anthropology or a closely related field) are admitted as *Conditional Doctoral Students* and first obtain an M.A. or M.S. in Anthropology in the departmental Master's program before transitioning into the Ph.D. program. Students with relevant Master's degrees are admitted as *Doctoral Students* directly into the Ph.D. program.

Department of Anthropology seeks after understanding of humans through the integration of three distinct yet complementary subfields – archaeology, biological anthropology, and cultural anthropology. We are dedicated to better understanding human cultural and biological origins and diversity through education and research. Under this mission, our graduate program prepares students to obtain a degree in a timely manner in preparation for an academic career or for a career as a professional anthropologist doing applied work. Specific learning outcomes are varied by subfields and courses, but we identify the following overlapping fundamentals:

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Gain comprehensive knowledge on intellectual history and theoretical frameworks in anthropology and related fields.
- Be engaged in understanding recent and historical developments in the world.
- Familiarize themselves with, practice, and experiment various anthropological/archaeological, ethnographic, field, and scientific methods.
- Utilize such learning in identifying their research topics and designing the ProJet.
- Develop concrete skills in professional writing and scholarly communications.
- Through their research, to bring anthropological perspectives to bear on the problems of current global societies, including ethics in research, decolonization, power-gender-economic imbalance, and impending environmental issues.
- Accumulate knowledge and prepare themselves for job markets of their preferred fields.

Admission to the doctoral program is contingent on the possession of a valid master's degree in anthropology from a recognized institution or on the completion of three of the master's core courses. Those who enter

with a master's degree in another discipline take master's core courses early in the program.

Formal requirements of time and credit are secondary, but no candidate is recommended for the degree until the minimum Division of Graduate Studies requirements for credits, residence, and study have been satisfied.

The department requires competence in two modern second languages, one language and one skill, or two skills (including those earned for an MA or MS) approved by the department's faculty. The student's progress is measured by performance in the core courses and other course work; two comprehensive examinations covering two special fields of concentration in anthropology; a formal dissertation prospectus; and, finally, a doctoral dissertation. The dissertation should be based on original research, which ordinarily involves fieldwork or laboratory work, and should be written in a professional and publishable style appropriate to the subfield of specialization.

For information about general requirements, see the Division of G (p. 641) Graduate Studies (p. 641) section of this catalog. More information about programs in anthropology may be obtained from the department.

## Museum of Natural and Cultural History

The Museum of Natural and Cultural History and its research division, the Oregon State Museum of Anthropology, provide opportunities for students to gain research experience through field projects and museum experience through the natural history museum's public programs. The rich resources of the state museum's collections are available to anthropology students, faculty members, and other qualified researchers.

## Asian Studies

**Daniel Buck, Program Director**

114 Friendly Hall  
541-346-9780  
[danielb@uoregon.edu](mailto:danielb@uoregon.edu)

The University of Oregon's Asian Studies Program is an interdisciplinary instructional component of the College of Arts and Sciences. The program emphasizes study in Asian languages, history, society and culture, art and literature, politics and economics. Established in 1942, the Asian Studies Program is one of the oldest interdisciplinary programs in the United States to focus on Asia.

The Asian Studies Program is administered by the Asian Studies Faculty Committee, composed of faculty members with Asian specializations in over a dozen discipline areas. Degree programs offered include B.A. and M.A. programs that emphasize East Asia (China, Japan, and Korea), South Asia (particularly India and Pakistan) and, to a more limited extent, Southeast Asia (particularly Indonesia, the Philippines, Thailand and Vietnam). The program is supported by a strong faculty and on-going research activities.

Asian Studies students are required to complete two years of language training in addition to a rigorous program of classes covering several disciplines and national traditions. Chinese and Japanese are taught through the fifth year and Korean through the fourth year through the Department of East Asian Languages and Literatures (EALL).

## Program Affiliated Faculty

Ina Asim, history (China)

Alison Carter, anthropology (Southeast Asia)

Steven T. Brown, comparative literature (Japan)

Daniel Buck, geography, Asian studies (China, East Asia)

Kathie Carpenter, global studies (Southeast Asia)

Shankha Chakraborty, economics (South Asia)

Roy Chan, East Asian languages and literatures (China)

Rachel DiNitto, East Asian languages and literatures (Japan)

Maram Epstein, East Asian languages and literatures (China)

Tara Fickle, English (Asian American culture)

Scott Fitzpatrick, anthropology (Pacific islands)

Alisa D. Freedman, East Asian languages and literatures (Japan)

Andrew E. Goble, history (Japan)

Bryna Goodman, history (China)

Sangita Gopal, cinema studies (South Asia)

Alison Groppe, East Asian languages and literatures (Chinese culture)

Luke Habberstad, East Asian languages and literatures, religious studies (China)

Jeffrey E. Hanes, history (Japan)

Analise Heinz, history (China)

Kaori Idemaru, East Asian languages and literatures (Japan)

Zhuo Jing-Schmidt, East Asian languages and literatures (China)

Lamia Karim, anthropology (South Asia)

Masami Kawai, cinema studies (Asian American)

Dong Hoon Kim, cinema studies (Korea, East Asia)

Jina Kim, East Asian languages and literatures (Korea)

Nayoung Kwon, East Asian languages and literatures (Korea)

Charles H. Lachman, history of art and architecture (China)

Gyoung-Ah Lee, anthropology (China and Korea)

David Leiwei Li, English (Chinese film and Asian American literature)

Susanna Soojung Lim, russian, east european and eurasian studies (Korea)

Leah Lowthorp, anthropology (South Asia)

Dyana Mason, planning, public policy and management (Southeast Asia)

David Meek, global studies (South Asia)

HyeRyoung Ok, cinema studies (Korea)

Seungahn Nah, journalism (East Asia)

Eric W. Pederson, linguistics (South Asia)

Eric Priest, law (China)

Ari Ernesto Purnama, cinema studies (Southeast Asia)

Biswarup "Bish" Sen, journalism and communications (South Asia)

Jeff Schroeder, religious studies (Japan)

Xiaobo Su, geography (China)

Yeling Tan, political science (China)

Tze-Yin Teo, comparative literature (East and Southeast Asia)

Mark T. Unno, religious studies (East Asian religions)

Arafaat Valiani, history (South Asia)

Tuong Vu, political science (East and Southeast Asia)

Akiko Walley, history of art and architecture (Japan)

Glynn Walley, East Asian languages and literatures (Japan)

Yugen Wang, East Asian languages and literatures (China)

Lesley Jo Weaver, global studies (South Asia)

Anita M. Weiss, global studies (South Asia)

Yizhao Yang, planning, public policy and management (China)

Kyu Ho Youm, journalism and communication

## Undergraduate Programs

### Major - Bachelor's Degree

- Asian Studies (BA) (p. 304)

### Minors

- East Asian Studies (p. 309)
- South Asian Studies (p. 309)
- Southeast Asian Studies (p. 310)

## Graduate Programs

### Major - Master's Degree

- Asian Studies (MA/MS) (p. 310)

### Specialization

- Asian Studies (p. 311)

## Asian Studies (BA)

The Asian studies program explores a dynamic region encompassing the second and third largest world economies, more than a quarter of the globe's population, and some of the oldest civilizations. This interdisciplinary major allows students to focus on Japan, China, Korea,

or with an outside language study, pursue a special interdisciplinary minor in Southeast Asian or South Asian studies.

The wide-ranging curriculum draws from departments around the university, including courses in anthropology, art history, Chinese language and literature, dance, film, geography, history, international studies, Japanese language and literature, linguistics, Korean language and culture, political science, South Asian culture, and religious studies.

The major in Asian studies offers

- strong training in at least one Asian language (Chinese, Japanese, or Korean)
- knowledge of the histories and cultures of the societies in which that language is used
- a sense of how academic disciplines contribute to interdisciplinary study
- a knowledge of transnational Asia beyond the primary language and civilization focus listed above

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Exhibit broad knowledge and understanding of Asia as a transnational region, including its history, cultures, languages, politics, economics, societies, and diversity.\
- Use multiple disciplinary approaches and perspectives to critically analyze, interpret, and contextualize major issues and themes in Asian cultures and societies.
- Demonstrate skills in effective written and oral communications, research, and inter-cultural competence that are relevant to a range of careers.
- Achieve intermediate language competence (2 years) in a major Asian language.

Students who have an overall grade point average (GPA) of 3.70 or higher and want to graduate with honors in Asian Studies write a 30- to 50-page thesis. A faculty advisor must be selected and a proposal must be approved by the advisor and the Asian Studies Program Director at least two terms before graduation. Students may apply as many as 4 credits in Research (401) or Thesis (403) to the appropriate block of the 48 credits required for the Asian Studies major. The thesis must address an international or cross-cultural topic relevant to Asian Studies, and it must make meaningful use of at least two sources in an Asian language.

## Asian Studies Major Requirements

Students must complete 48 credits as specified below. As many as 8 of these credits may be taken pass/no pass; at least 40 of the 48 credits must be chosen at the 300 level or above. All other courses used to satisfy major requirements must be taken for letter grades and passed with grades of C– or better. Students should consult their advisors in planning programs of study.

| Code                                                    | Title                             | Credits |
|---------------------------------------------------------|-----------------------------------|---------|
| <b>Seminar</b>                                          |                                   |         |
| ASIA 350                                                | What Is Asia: Theoretical Debates | 4       |
| <b>Subregional Interdisciplinary Focus</b> <sup>1</sup> |                                   |         |

|                                                                                                                                                                                                                                                      |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Six courses in the chosen subregion, if available; two courses must be in history, two in the social sciences, and two in the humanities; may include as many as 15 credits of upper-division Asian language courses related to the chosen subregion | 24 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|

### Discipline or Thematic Focus

|                                                       |    |
|-------------------------------------------------------|----|
| Three courses in one discipline or theme <sup>2</sup> | 12 |
|-------------------------------------------------------|----|

### Regional Breadth

|                                                                                                                          |   |
|--------------------------------------------------------------------------------------------------------------------------|---|
| Course in Asian studies outside chosen subregion; may include lower-division language courses of a second Asian language | 4 |
|--------------------------------------------------------------------------------------------------------------------------|---|

### Language Requirement

|                                                                          |  |
|--------------------------------------------------------------------------|--|
| Two years of Asian language related to the chosen subregion <sup>3</sup> |  |
|--------------------------------------------------------------------------|--|

- <sup>1</sup> Subregions: China, Japan, Korea, Southeast Asia, South Asia
- <sup>2</sup> Disciplines or themes include but are not limited to film, food, literature, religion, pop culture, linguistics, or art. Discipline and thematic courses may be double-dipped from Interdisciplinary courses, but the major must include a minimum of 48 credits. Courses selected for the thematic area do not need to be taken within the declared subregional focus area. Courses selected for the thematic area cannot be language-based; linguistic and literature courses are acceptable.
- <sup>3</sup> Chinese and Japanese are taught through the fifth year in the Department of East Asian Languages and Literatures. Languages must be taken for letter grades and passed with grades of C– or better. Under special circumstances, students may demonstrate an equivalent competence by examination or by work in advanced language courses.

## Approved Courses for China Subregion

| Code                  | Title                                                   | Credits |
|-----------------------|---------------------------------------------------------|---------|
| <b>History</b>        |                                                         |         |
| HIST 190              | Foundations of East Asian Civilizations                 |         |
| HIST 191              | China, Past and Present                                 |         |
| HIST 387              | Early China                                             |         |
| HIST 449              | Race and Ethnicity in the American West                 |         |
| HIST 487              | China: [Topic]                                          |         |
| HIST 497              | Culture, Modernity, and Revolution in China: [Topic]    |         |
| <b>Social Science</b> |                                                         |         |
| ANTH 223              | Anthropology of Chocolate                               |         |
| ANTH 345              | Archaeology of East Asia                                |         |
| ASIA 111              | Great Books on Modern Asia                              |         |
| ASIA 425              | Asian Foodways                                          |         |
| ASIA 480              | Chinese Economy: Transition, Development, Globalization |         |
| CHN 301               | Third-Year Chinese                                      |         |
| CHN 302               | Third-Year Chinese                                      |         |
| CHN 303               | Third-Year Chinese                                      |         |
| CHN 480               | Chinese Linguistics                                     |         |
| CHN 481               | Pedagogical Grammar of Chinese                          |         |
| EALL 209              | Languages and Societies in East Asia                    |         |
| EALL 443              | Chinese, Japanese, and Korean Pedagogy                  |         |
| ES 252                | Introduction to Asian American Studies                  |         |

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| GEOG 201          | World Regional Geography                                       |
| GEOG 342          | Geography of Globalization                                     |
| GLBL 444          | Development and Social Change in Southeast Asia                |
| PS 342            | Politics of China                                              |
| PS 391            | Non-Western Political Theory                                   |
| <b>Humanities</b> |                                                                |
| ARH 208           | History of Chinese Art                                         |
| ARH 210           | Contemporary Asian Art and Architecture                        |
| ARH 382           | Arts of the Silk Road                                          |
| ARH 387           | Chinese Buddhist Art                                           |
| ARH 481           | Chinese Art: [Topic]                                           |
| ASIA 425          | Asian Foodways                                                 |
| CHN 150           | Introduction to Chinese Narrative                              |
| CHN 151           | Introduction to Chinese Film                                   |
| CHN 152           | Introduction to Chinese Popular Culture                        |
| CHN 301           | Third-Year Chinese                                             |
| CHN 302           | Third-Year Chinese                                             |
| CHN 303           | Third-Year Chinese                                             |
| CHN 305           | History of Chinese Literature                                  |
| CHN 306           | History of Chinese Literature II, The Imperial Age             |
| CHN 307           | History of Chinese Literature                                  |
| CHN 308           | Literature of Modern Taiwan                                    |
| CHN 350           | Gender and Sexuality in Traditional Chinese Literature         |
| CHN 351           | Gender and Sexuality in Modern Chinese Literature              |
| CHN 380           | Self and Society in Traditional Chinese Literature             |
| CHN 413           | Modern Chinese Texts: [Topic]                                  |
| CHN 420           | Intermediate Language Strategies                               |
| CHN 421           | Intermediate Language Strategies                               |
| CHN 422           | Intermediate Language Strategies                               |
| CHN 436           | Literary Chinese                                               |
| CHN 437           | Literary Chinese                                               |
| CHN 439           | Chinese Academic Writing                                       |
| CHN 445           | Advanced Chinese: [Topic]                                      |
| CHN 452           | Chinese Film and Theory                                        |
| CHN 480           | Chinese Linguistics                                            |
| CHN 482           | History of the Chinese Language                                |
| CLAS 310          | Early China, Ancient Greece                                    |
| EALL 442          | Second-Language Acquisition                                    |
| EALL 460          | Teaching East Asian Languages and Literatures at College Level |
| ENG 242           | Introduction to Asian American Literature                      |
| ENG 362           |                                                                |
| ES 252            | Introduction to Asian American Studies                         |
| REL 101           | World Religions: Asian Traditions                              |
| REL 302           | Chinese Religions                                              |
| REL 353           | Dark Self, East and West                                       |
| REL 440           | Readings in Buddhist Scriptures                                |

## Approved Courses for Japan Subregion

| Code                  | Title                                                          | Credits |
|-----------------------|----------------------------------------------------------------|---------|
| <b>History</b>        |                                                                |         |
| HIST 190              | Foundations of East Asian Civilizations                        |         |
| HIST 192              | Japan, Past and Present                                        |         |
| HIST 396              | Samurai in Film                                                |         |
| HIST 449              | Race and Ethnicity in the American West                        |         |
| HIST 490              | Japan: [Topic]                                                 |         |
| HIST 491              | Medicine and Society in Premodern Japan                        |         |
| HIST 498              | Early Japanese Culture and Society: [Topic]                    |         |
| <b>Social Science</b> |                                                                |         |
| ANTH 223              | Anthropology of Chocolate                                      |         |
| ANTH 345              | Archaeology of East Asia                                       |         |
| ASIA 111              | Great Books on Modern Asia                                     |         |
| ASIA 425              | Asian Foodways                                                 |         |
| EALL 209              | Languages and Societies in East Asia                           |         |
| EALL 443              | Chinese, Japanese, and Korean Pedagogy                         |         |
| ES 252                | Introduction to Asian American Studies                         |         |
| GEOG 201              | World Regional Geography                                       |         |
| GEOG 342              | Geography of Globalization                                     |         |
| JPN 301               | Third-Year Japanese <sup>1</sup>                               |         |
| JPN 302               | Third-Year Japanese <sup>1</sup>                               |         |
| JPN 303               | Third-Year Japanese <sup>1</sup>                               |         |
| JPN 315               | Introduction to Japanese Linguistics                           |         |
| JPN 411               | Fourth-Year Spoken Japanese <sup>1</sup>                       |         |
| JPN 412               | Fourth-Year Spoken Japanese <sup>1</sup>                       |         |
| JPN 413               | Fourth-Year Spoken Japanese <sup>1</sup>                       |         |
| JPN 414               | Fourth-Year Reading and Writing Japanese <sup>1</sup>          |         |
| JPN 415               | Fourth-Year Reading and Writing Japanese <sup>1</sup>          |         |
| JPN 416               | Fourth-Year Reading and Writing Japanese <sup>1</sup>          |         |
| PS 345                | Southeast Asian Politics                                       |         |
| PS 391                | Non-Western Political Theory                                   |         |
| <b>Humanities</b>     |                                                                |         |
| ARH 209               | History of Japanese Art                                        |         |
| ARH 210               | Contemporary Asian Art and Architecture                        |         |
| ARH 350               | History of Manga                                               |         |
| ARH 485               | Japanese Art: [Topic]                                          |         |
| ARH 488               | Japanese Prints                                                |         |
| ASIA 425              | Asian Foodways                                                 |         |
| EALL 211              | Japan: A Cultural Odyssey                                      |         |
| EALL 442              | Second-Language Acquisition                                    |         |
| EALL 460              | Teaching East Asian Languages and Literatures at College Level |         |
| ENG 242               | Introduction to Asian American Literature                      |         |
| ENG 362               |                                                                |         |
| ES 252                | Introduction to Asian American Studies                         |         |
| JPN 250               | Manga Millennium                                               |         |
| JPN 301               | Third-Year Japanese <sup>1</sup>                               |         |
| JPN 302               | Third-Year Japanese <sup>1</sup>                               |         |

|         |                                                       |
|---------|-------------------------------------------------------|
| JPN 303 | Third-Year Japanese <sup>1</sup>                      |
| JPN 305 | Introduction to Japanese Literature                   |
| JPN 306 | Introduction to Japanese Literature                   |
| JPN 307 | Introduction to Japanese Literature                   |
| JPN 411 | Fourth-Year Spoken Japanese <sup>1</sup>              |
| JPN 412 | Fourth-Year Spoken Japanese <sup>1</sup>              |
| JPN 413 | Fourth-Year Spoken Japanese <sup>1</sup>              |
| JPN 414 | Fourth-Year Reading and Writing Japanese <sup>1</sup> |
| JPN 415 | Fourth-Year Reading and Writing Japanese <sup>1</sup> |
| JPN 416 | Fourth-Year Reading and Writing Japanese <sup>1</sup> |
| JPN 425 | Modern Japanese Literature: [Topic]                   |
| JPN 434 | Advanced Readings in Japanese Literature              |
| JPN 435 | Advanced Readings in Japanese Literature              |
| JPN 436 | Advanced Readings in Japanese Literature              |
| JPN 437 | Classical Japanese Literary Language                  |
| JPN 455 | Japanese Business Culture and Language                |
| JPN 471 | The Japanese Cinema                                   |
| JPN 480 | Early Modern Comics                                   |
| JPN 490 | Translation and Japanese Literature                   |
| REL 101 | World Religions: Asian Traditions                     |
| REL 303 | Japanese Religions                                    |
| REL 353 | Dark Self, East and West                              |
| REL 440 | Readings in Buddhist Scriptures                       |
| REL 444 | Medieval Japanese Buddhism                            |

<sup>1</sup> As many as 15 credits of upper-division Asian language courses related to the chosen Regional Focus may be used for the Social Science and/or Humanities requirement for the student's chosen Regional Focus.

## Approved Courses for Korea Subregion

| Code                  | Title                                   | Credits |
|-----------------------|-----------------------------------------|---------|
| <b>History</b>        |                                         |         |
| HIST 190              | Foundations of East Asian Civilizations |         |
| HIST 449              | Race and Ethnicity in the American West |         |
| <b>Social Science</b> |                                         |         |
| ANTH 223              | Anthropology of Chocolate               |         |
| ANTH 345              | Archaeology of East Asia                |         |
| ASIA 425              | Asian Foodways                          |         |
| EALL 209              | Languages and Societies in East Asia    |         |
| EALL 443              | Chinese, Japanese, and Korean Pedagogy  |         |
| ES 252                | Introduction to Asian American Studies  |         |
| GEOG 201              | World Regional Geography                |         |
| GEOG 342              | Geography of Globalization              |         |
| KRN 301               | Third Year Korean                       |         |
| KRN 302               | Third-Year Korean                       |         |
| KRN 303               | Third-Year Korean                       |         |
| PS 391                | Non-Western Political Theory            |         |
| <b>Humanities</b>     |                                         |         |
| ARH 210               | Contemporary Asian Art and Architecture |         |
| ASIA 425              | Asian Foodways                          |         |

|               |                                                                |
|---------------|----------------------------------------------------------------|
| CINE/KRN 151M | Introduction to Korean Cinema                                  |
| CINE/KRN 362M | Contemporary Korean Film                                       |
| EALL 442      | Second-Language Acquisition                                    |
| EALL 460      | Teaching East Asian Languages and Literatures at College Level |
| ENG 242       | Introduction to Asian American Literature                      |
| ENG 362       |                                                                |
| ES 252        | Introduction to Asian American Studies                         |
| KRN 301       | Third Year Korean                                              |
| KRN 302       | Third-Year Korean                                              |
| KRN 303       | Third-Year Korean                                              |
| KRN 309       | Languages and Cultural Formation in Korea                      |
| KRN 315       | Introduction to Korean Linguistics                             |
| KRN 361       | Korean Popular Culture and Transnationalism                    |
| REL 101       | World Religions: Asian Traditions                              |
| REL 353       | Dark Self, East and West                                       |
| REL 440       | Readings in Buddhist Scriptures                                |

## Approved Courses for Southeast Asia Subregion

| Code                  | Title                                           | Credits |
|-----------------------|-------------------------------------------------|---------|
| <b>History</b>        |                                                 |         |
| HIST 190              | Foundations of East Asian Civilizations         |         |
| HIST 286              | Cities in India and South Asia                  |         |
| HIST 386              | India                                           |         |
| HIST 388              | Vietnam War and the United States               |         |
| HIST 449              | Race and Ethnicity in the American West         |         |
| <b>Social Science</b> |                                                 |         |
| ANTH 223              | Anthropology of Chocolate                       |         |
| ANTH 331              | Cultures of India and South Asia                |         |
| ANTH 343              | Pacific Islands Archaeology                     |         |
| ANTH 346              | Archaeology of Southeast Asia                   |         |
| ASIA 111              | Great Books on Modern Asia                      |         |
| ASIA 350              | What Is Asia: Theoretical Debates               |         |
| ASIA 425              | Asian Foodways                                  |         |
| ES 252                | Introduction to Asian American Studies          |         |
| ES 258                | Introduction to Pacific Islander Studies        |         |
| GEOG 201              | World Regional Geography                        |         |
| GEOG 342              | Geography of Globalization                      |         |
| GLBL 421              | Gender and International Development            |         |
| GLBL 423              | Development and the Muslim World                |         |
| GLBL 442              | South Asia: Development and Social Change       |         |
| GLBL 444              | Development and Social Change in Southeast Asia |         |
| GLBL 448              | Bollywood's Lens on Indian Society              |         |
| PS 345                | Southeast Asian Politics                        |         |
| PS 391                | Non-Western Political Theory                    |         |
| <b>Humanities</b>     |                                                 |         |
| ARH 210               | Contemporary Asian Art and Architecture         |         |



|          |                                           |
|----------|-------------------------------------------|
| ARH 325  | Islamic Art & Architecture                |
| ARH 382  | Arts of the Silk Road                     |
| ASIA 425 | Asian Foodways                            |
| ENG 242  | Introduction to Asian American Literature |
| ENG 362  |                                           |
| ES 252   | Introduction to Asian American Studies    |
| ES 258   | Introduction to Pacific Islander Studies  |
| MUS 358  | Music in World Cultures                   |
| MUS 490  | Balinese Gamelan                          |
| REL 101  | World Religions: Asian Traditions         |
| REL 353  | Dark Self, East and West                  |
| REL 440  | Readings in Buddhist Scriptures           |

Approved Courses for South Asia Subregion

| Code                  | Title                                     | Credits |
|-----------------------|-------------------------------------------|---------|
| <b>History</b>        |                                           |         |
| HIST 186              | Cultures of India                         |         |
| HIST 286              | Cities in India and South Asia            |         |
| HIST 386              | India                                     |         |
| HIST 449              | Race and Ethnicity in the American West   |         |
| <b>Social Science</b> |                                           |         |
| ANTH 331              | Cultures of India and South Asia          |         |
| ASIA 111              | Great Books on Modern Asia                |         |
| ASIA 425              | Asian Foodways                            |         |
| ES 252                | Introduction to Asian American Studies    |         |
| GEOG 201              | World Regional Geography                  |         |
| GEOG 342              | Geography of Globalization                |         |
| GLBL 415              | The Global Story of Race                  |         |
| GLBL 442              | South Asia: Development and Social Change |         |
| GLBL 448              | Bollywood's Lens on Indian Society        |         |
| HIST 186              | Cultures of India                         |         |
| PS 391                | Non-Western Political Theory              |         |
| <b>Humanities</b>     |                                           |         |
| ARH 210               | Contemporary Asian Art and Architecture   |         |
| ARH 325               | Islamic Art & Architecture                |         |
| ARH 382               | Arts of the Silk Road                     |         |
| ASIA 425              | Asian Foodways                            |         |
| ENG 242               | Introduction to Asian American Literature |         |
| ENG 362               |                                           |         |
| ES 252                | Introduction to Asian American Studies    |         |
| REL 101               | World Religions: Asian Traditions         |         |
| REL 353               | Dark Self, East and West                  |         |
| REL 440               | Readings in Buddhist Scriptures           |         |

Thematic Focus Courses

**Art:** ARH 208-210, ARH 325, ARH 350, ARH 382, ARH 387, ARH 485, ARH 488, EALL 211, MUS 358, MUS 490

**Economics & Business:** ANTH 223, ASIA 480, CHN 445, CRES 430, GEOG 342, HIST 363, JPN 455, PS 342, PS 345

**Film:** CHN 151, CHN 452, CINE/ENG 381M, CINE/KRN 151M, CINE/KRN 362M, COLT 212, GLBL 448, HIST 396, JPN 471

**Linguistics:** CHN 305-308, CHN 420-422, CHN 480-482, COLT 211, EALL 460, ENG 242, ENG 362, JPN 250, JPN 305-307, JPN 425, JPN 434-437, JPN 490

**Pop Culture:** ARH 350, ASIA 425, CHN 151-152, CHN 305-308, CHN 413, CHN 452, CINE/KRN 151M, CINE/KRN 362M, COLT 212, ENG 242, ENG 362, GLBL 448, HIST 396, JPN 250, JPN 425, JPN 471, JPN 480, KRN 361, MUS 358

**Religion:** ANTH 331, ANTH 345-346, ARH 325, ARH 387, EALL 211, REL 101-102, REL 302-303, REL 353, REL 440, REL 444

Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. This degree plan would grant a BA in Asian studies with a focus on Japan.*

*This degree plan is for general planning purposes only and, due to the interdisciplinary nature of the major, it is imperative that students speak with advisors to determine which courses would best match their personal, professional, and academic goals.*

Bachelor of Arts in Asian Studies

| Course                                                                          | Title                   | Credits   | Milestones |
|---------------------------------------------------------------------------------|-------------------------|-----------|------------|
| <b>First Year</b>                                                               |                         |           |            |
| <b>Fall</b>                                                                     |                         |           |            |
| JPN 101                                                                         | First-Year Japanese     | 5         |            |
| WR 121Z                                                                         | Composition I           | 4         |            |
| Group-satisfying course in science                                              |                         | 4         |            |
| Elective course                                                                 |                         | 4         |            |
| May be used to pursue a second major and/or a minor; discuss with an advisor    |                         |           |            |
| <b>Credits</b>                                                                  |                         | <b>17</b> |            |
| <b>Winter</b>                                                                   |                         |           |            |
| JPN 102                                                                         | First-Year Japanese     | 5         |            |
| WR 122Z                                                                         | Composition II          | 4         |            |
| Group-satisfying course in social science                                       |                         | 4         |            |
| Elective course                                                                 |                         | 4         |            |
| <b>Credits</b>                                                                  |                         | <b>17</b> |            |
| <b>Spring</b>                                                                   |                         |           |            |
| JPN 103                                                                         | First-Year Japanese     | 5         |            |
| HIST 192                                                                        | Japan, Past and Present | 4         |            |
| Group-satisfying course in arts and letters unrelated to Asian studies          |                         | 4         |            |
| Multicultural course in American cultures or identity, pluralism, and tolerance |                         | 4         |            |
| <b>Credits</b>                                                                  |                         | <b>17</b> |            |
| <b>Total Credits</b>                                                            |                         | <b>51</b> |            |

| Course                                     | Title                               | Credits | Milestones |
|--------------------------------------------|-------------------------------------|---------|------------|
| <b>Second Year</b>                         |                                     |         |            |
| <b>Fall</b>                                |                                     |         |            |
| JPN 201                                    | Second-Year Japanese                | 5       |            |
| JPN 305                                    | Introduction to Japanese Literature | 4       |            |
| General-education course in social science |                                     | 4       |            |

|                                     |   |
|-------------------------------------|---|
| General-education course in science | 4 |
|-------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Winter**

|         |                      |   |
|---------|----------------------|---|
| JPN 202 | Second-Year Japanese | 5 |
|---------|----------------------|---|

|         |                                     |   |
|---------|-------------------------------------|---|
| JPN 306 | Introduction to Japanese Literature | 4 |
|---------|-------------------------------------|---|

|                                            |   |
|--------------------------------------------|---|
| General-education course in social science | 4 |
|--------------------------------------------|---|

|                                     |   |
|-------------------------------------|---|
| General-education course in science | 4 |
|-------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|         |                      |   |
|---------|----------------------|---|
| JPN 203 | Second-Year Japanese | 5 |
|---------|----------------------|---|

|         |                                     |   |
|---------|-------------------------------------|---|
| JPN 307 | Introduction to Japanese Literature | 4 |
|---------|-------------------------------------|---|

Meets the multicultural international cultures requirement

|          |                                   |   |
|----------|-----------------------------------|---|
| ASIA 350 | What Is Asia: Theoretical Debates | 4 |
|----------|-----------------------------------|---|

|                 |   |
|-----------------|---|
| Elective course | 4 |
|-----------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>51</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|         |                     |   |
|---------|---------------------|---|
| JPN 301 | Third-Year Japanese | 5 |
|---------|---------------------|---|

|         |                         |   |
|---------|-------------------------|---|
| ARH 209 | History of Japanese Art | 4 |
|---------|-------------------------|---|

|                                            |   |
|--------------------------------------------|---|
| General-education course in social science | 4 |
|--------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>13</b> |
|----------------|-----------|

**Winter**

|         |                     |   |
|---------|---------------------|---|
| JPN 302 | Third-Year Japanese | 5 |
|---------|---------------------|---|

|         |                                                |   |
|---------|------------------------------------------------|---|
| JPN 399 | Special Studies: [Topic] (Ghosts and Monsters) | 4 |
|---------|------------------------------------------------|---|

|                                                                        |   |
|------------------------------------------------------------------------|---|
| Group-satisfying course in arts and letters unrelated to Asian studies | 4 |
|------------------------------------------------------------------------|---|

|                 |   |
|-----------------|---|
| Elective course | 4 |
|-----------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|         |                     |   |
|---------|---------------------|---|
| JPN 303 | Third-Year Japanese | 5 |
|---------|---------------------|---|

|                                     |   |
|-------------------------------------|---|
| General-education course in science | 4 |
|-------------------------------------|---|

|                |          |
|----------------|----------|
| <b>Credits</b> | <b>9</b> |
|----------------|----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>39</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|          |                 |   |
|----------|-----------------|---|
| HIST 396 | Samurai in Film | 4 |
|----------|-----------------|---|

|                                                                        |   |
|------------------------------------------------------------------------|---|
| Group-satisfying course in arts and letters unrelated to Asian studies | 4 |
|------------------------------------------------------------------------|---|

|                 |   |
|-----------------|---|
| Elective course | 4 |
|-----------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Winter**

|         |                                          |   |
|---------|------------------------------------------|---|
| JPN 434 | Advanced Readings in Japanese Literature | 4 |
|---------|------------------------------------------|---|

|                  |   |
|------------------|---|
| Elective courses | 8 |
|------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Spring**

|                                                                        |   |
|------------------------------------------------------------------------|---|
| Group-satisfying course in arts and letters unrelated to Asian studies | 4 |
|------------------------------------------------------------------------|---|

|                 |   |
|-----------------|---|
| Elective course | 4 |
|-----------------|---|

|                |          |
|----------------|----------|
| <b>Credits</b> | <b>8</b> |
|----------------|----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>32</b> |
|----------------------|-----------|

## East Asian Studies Minor

The East Asian studies minor explores a dynamic region encompassing some of the largest world economies and some of the oldest civilizations.

This minor allows students to focus on Japan, China, Korea, drawing on a wide-ranging curriculum with courses in anthropology, art history, Chinese language and literature, dance, film, geography, history, international studies, Japanese language and literature, linguistics, Korean language and culture, political science, and religious studies.

First- and second-year language courses cannot be used to satisfy requirements for the minor. All courses used to satisfy minor requirements must be taken for letter grades and passed with grades of C– or better.

## East Asian Studies Minor

| Code                                                                             | Title                             | Credits   |
|----------------------------------------------------------------------------------|-----------------------------------|-----------|
| ASIA 350                                                                         | What Is Asia: Theoretical Debates | 4         |
| Courses from at least two departments focused on East Asia                       |                                   | 20        |
| Two years of study in relevant Asian language or equivalent level of proficiency |                                   |           |
| <b>Total Credits</b>                                                             |                                   | <b>24</b> |

At least 12 of the 24 credits must be upper-division.

## South Asian Studies Minor

The South Asian studies minor explores a dynamic region that includes some of the largest world economies and some of the oldest civilizations.

This minor allows students to focus on India, Pakistan, Bangladesh, and Sri Lanka, drawing on a wide-ranging curriculum with courses in anthropology, art history, dance, film, geography, history, international studies, linguistics, music, political science, South Asian culture, and religious studies.

First- and second-year language courses cannot be used to satisfy requirements for the minor. All courses used to satisfy minor requirements must be taken for letter grades and passed with grades of C– or better.

## South Asian Studies Minor Requirements

| Code                                                   | Title | Credits   |
|--------------------------------------------------------|-------|-----------|
| Courses in South Asia history                          |       | 4         |
| Course in South Asian history, religion, or philosophy |       | 4         |
| Course in contemporary South Asian issues              |       | 4         |
| Course on South Asian media or culture                 |       | 4         |
| Courses with full or partial South Asia focus          |       | 8         |
| <b>Total Credits</b>                                   |       | <b>24</b> |

At least 12 of the 24 credits must be upper division. Students must consult with one of the South Asia faculty members when determining courses to take.

In addition, students must either demonstrate first-year proficiency in any South Asian vernacular language or complete a ten-week term of study or internship in South Asia, under the supervision of a member of the UO South Asia faculty.

## Approved Courses

| Code                                     | Title                                     | Credits |
|------------------------------------------|-------------------------------------------|---------|
| <b>History, Religion, and Philosophy</b> |                                           |         |
| HIST 186                                 | Cultures of India                         |         |
| HIST 286                                 | Cities in India and South Asia            |         |
| HIST 386                                 | India                                     |         |
| HIST 449                                 | Race and Ethnicity in the American West   |         |
| REL 353                                  | Dark Self, East and West                  |         |
| <b>Contemporary Issues</b>               |                                           |         |
| ANTH 331                                 | Cultures of India and South Asia          |         |
| ASIA 111                                 | Great Books on Modern Asia                |         |
| ASIA 425                                 | Asian Foodways                            |         |
| GLBL 442                                 | South Asia: Development and Social Change |         |
| GLBL 448                                 | Bollywood's Lens on Indian Society        |         |
| PS 391                                   | Non-Western Political Theory              |         |
| <b>Media and Culture</b>                 |                                           |         |
| ANTH 331                                 | Cultures of India and South Asia          |         |
| ARH 210                                  | Contemporary Asian Art and Architecture   |         |
| ARH 325                                  | Islamic Art & Architecture                |         |
| ARH 382                                  | Arts of the Silk Road                     |         |
| ASIA 425                                 | Asian Foodways                            |         |
| ENG 242                                  | Introduction to Asian American Literature |         |
| ENG 362                                  |                                           |         |
| HIST 186                                 | Cultures of India                         |         |
| <b>Full or Partial Focus</b>             |                                           |         |
| ASIA 111                                 | Great Books on Modern Asia                |         |
| ASIA 350                                 | What Is Asia: Theoretical Debates         |         |
| ASIA 425                                 | Asian Foodways                            |         |
| COLT 360                                 | Gender and Identity in Literature         |         |
| EC 490                                   | Economic Growth and Development           |         |
| ENG 365                                  | Global Literatures in English             |         |
| ENG 488                                  | Race and Representation in Film: [Topic]  |         |
| ES 252                                   | Introduction to Asian American Studies    |         |
| GEOG 201                                 | World Regional Geography                  |         |
| GEOG 342                                 | Geography of Globalization                |         |
| GLBL 415                                 | The Global Story of Race                  |         |
| GLBL 421                                 | Gender and International Development      |         |
| GLBL 422                                 | Aid to Developing Countries               |         |
| GLBL 423                                 | Development and the Muslim World          |         |
| HIST 363                                 | American Business History                 |         |
| J 396                                    | International Communication               |         |
| MUS 358                                  | Music in World Cultures                   |         |
| REL 101                                  | World Religions: Asian Traditions         |         |
| REL 233                                  | Introduction to Islam                     |         |

|         |                                 |
|---------|---------------------------------|
| REL 432 | Islamic Mysticism: [Topic]      |
| REL 440 | Readings in Buddhist Scriptures |

## Southeast Asian Studies Minor

The Southeast Asian studies minor explores a dynamic region encompassing some of the largest world economies and some of the oldest civilizations. This minor allows students to focus on countries such as Vietnam and the Philippines, drawing on a wide-ranging curriculum with courses in anthropology, art history, dance, film, geography, history, international studies, music, philosophy, political science, and religious studies.

First- and second-year language courses cannot be used to satisfy requirements for the minor. All courses used to satisfy minor requirements must be taken for letter grades and passed with grades of C– or better.

### Minor in Southeast Asian Studies

| Code                                           | Title | Credits   |
|------------------------------------------------|-------|-----------|
| Courses focused on Southeast Asia <sup>1</sup> |       | 20        |
| Course with partial focus on Southeast Asia    |       | 4         |
| <b>Total Credits</b>                           |       | <b>24</b> |

<sup>1</sup> At least 12 credits must be upper division.

## Asian Studies (MA/MS)

<http://asianstudies.uoregon.edu> (<http://asianstudies.uoregon.edu/>)

The university offers an interdisciplinary program in East Asian Studies leading to the Master of Arts (MA) and master of science (MS) degree. The curriculum includes courses in anthropology, art history, Asian studies, Chinese language and literature, cinema studies, comparative literature, geography, history, international studies, Japanese language and literature, journalism, Korean language, linguistics, political science, religious studies, and sociology. Students who complete three years equivalent of Southeast and /or South Asia language study abroad or in other institutions may, with the support of an Asian Studies faculty advisor, construct a special concentration in Southeast and/ or South Asian Studies. The program is administered by the Asian Studies Committee, which is composed of faculty members with Asian specializations.

A bachelor's degree is required for admission, and it is expected that applicants have some undergraduate preparation in courses relating to Asia. Students lacking adequate Asian language or disciplinary training must take appropriate preparatory courses, for which no graduate credits are earned.

Prior to registration, the Asian Studies Committee assigns each student an advisor, who helps the student develop an individual program. During the first year, the student should request that an Asian Studies graduate committee be formed to provide guidance throughout the second year of study and thesis preparation. Graduate students should meet with their advisors at least once a term.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Exhibit broad knowledge and understanding of the Asia region, including its history, cultures, languages, politics, economics, societies and diversities.
- Use multiple disciplinary approaches and transnational perspectives to critically analyze, interpret, and contextualize major issues and themes in Asian cultures and societies.
- Exhibit familiarity with the current academic literature on at least one of the issues or themes in LO 2.
- Exhibit proficiency in at least one research methodology (or approach such as literary or artistic criticism), in relation to issues or themes in LO 2.
- Demonstrate effective written and verbal communication skills.
- Demonstrate advanced language competence (3 years) in a major Asian language.

Students must complete 48 credits of graduate study, including at least 44 in Asia-related courses, and a final project. Graduate credit for language study may only be earned for work beyond the second-year level.

**600-Level Courses.** The Division of Graduate Studies requires that at least 9 credits in courses numbered 600–699 must be taken in residence.

**Graded Courses.** 24 of the total credits required must be earned at the University of Oregon for a letter grade. A minimum of 36 credits of course work and a minimum of 9 credits of Thesis (ASIA 503) is required. Credit for the thesis is given pass/no pass. In the final term, master's students must register for at least 3 credits, at least 1 of which must be in Thesis (ASIA 503).

#### Final Project Options.

**Two Seminar Papers Option.** Students choosing this option submit two Asia-related papers written for graduate seminars or colloquia and pass an examination based on the submitted papers in their final term. The examination committee will include two members of the Asian studies faculty proposed by the student and approved by the director.

**Thesis Option.** Students choosing this option are required to take a minimum of 9 credits of Thesis (ASIA 503) as part of the 48 credits required for the degree. Credit for the thesis is given a grade of pass/no pass at the completion of the thesis. Students form a two-member thesis committee in their second or third term. Thesis writers are expected to defend their theses in the second year. In the final term, master's students must register for at least 3 credits, at least 1 of which must be in Thesis (ASIA 503).

In some circumstances, and in consultation with advisors, students may petition the director to extend the defense date of their thesis or seminar paper for up to but no more than two academic terms.

**Continuous Enrollment and On-Leave Status.** Master's students are expected to maintain continuous enrollment for a minimum of 3 credits each term until all degree requirements have been completed, unless on-leave status has been approved.

**Minimum GPA.** Graduate students must maintain at least a 3.00 grade point average (GPA) in all graduate courses taken with a graded option.

**Time Limit.** All requirements for the master's degree must be completed within a seven-year time period.

## Master of Arts: Area Studies Track (Using the Two Seminar Papers Option as an Example)

| Code                                                                                        | Title                                                                           | Credits   |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------|
| ASIA 611                                                                                    | Perspectives on Asian Studies: [Topic]                                          | 1         |
| ASIA 612                                                                                    | Theory and Methodology in Asian Studies: [Topic]                                | 3         |
| Seminars or colloquia                                                                       |                                                                                 | 8         |
| Two courses in architecture, art history, literature, music, religious studies              |                                                                                 | 8         |
| Two courses in anthropology, economics, geography, international studies, political science |                                                                                 | 8         |
| Two history courses                                                                         |                                                                                 | 8         |
| Two courses in a region other than the primary language and civilization focus <sup>1</sup> |                                                                                 | 8         |
| ASIA 605                                                                                    | Reading and Conference: [Topic] (only if needed to complete credit requirement) | 4         |
| <b>Total Credits</b>                                                                        |                                                                                 | <b>48</b> |

<sup>1</sup> Perspectives on Asian Studies: [Topic] (ASIA 611), Theory and Methodology in Asian Studies: [Topic] (ASIA 612), and interdisciplinary courses may be used to satisfy this cross-regional awareness requirement.

## Master of Arts: Disciplinary Track (Using the Thesis Option as an Example)

| Code                                                                                                                                    | Title  | Credits   |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|
| Courses within the primary region of focus, drawn from two or more departments                                                          |        | 16        |
| Courses in primary discipline with at least one theory or methods course chosen in consultation with an advisor or the program director |        | 12        |
| Courses in region other than primary focus <sup>1</sup>                                                                                 |        | 8         |
| ASIA 503                                                                                                                                | Thesis | 9         |
| Additional course work                                                                                                                  |        | 3         |
| <b>Total Credits</b>                                                                                                                    |        | <b>48</b> |

<sup>1</sup> Perspectives on Asian Studies: [Topic] (ASIA 611) and Theory and Methodology in Asian Studies: [Topic] (ASIA 612) may be counted toward this cross-regional focus.

Academic courses are to be mutually agreed upon by an academic advisor and the program director. A list of Asia-related courses approved for inclusion in the Asian studies graduate curriculum is available from the program coordinator.

Students should also review the Division of Graduate Studies' regulations for information on the university's general master of arts degree requirements.

## Asian Studies Graduate Specialization

### Graduate Specialization in Asian Studies

The 16-credit graduate specialization in Asian studies is open to all UO graduate students except for MA students in the Asian Studies Program. This specialization enhances student education and future marketability

in careers with nongovernmental or international organizations, the media, government service, education, or the academe.

Overview

In collaboration with faculty members, students achieve mastery in Asian studies by

- analyzing and critiquing primary and secondary sources related to Asia
- developing multiple disciplinary perspectives, sources, methods, and modes of analyses used in the study of Asia
- identifying major themes in Asian history, particularly historical continuities and critical junctures
- developing an advanced understanding of Asia's physical and political geography
- studying major topical issues relevant to modern Asia, which may include economic development, tropical diseases, environmental change, and globalization
- honing skills to critically analyze modern debates about Asia

Specialization Requirements

| Code                                | Title                                            | Credits |
|-------------------------------------|--------------------------------------------------|---------|
| Core Seminars                       |                                                  |         |
| ASIA 611                            | Perspectives on Asian Studies: [Topic]           | 1       |
| ASIA 612                            | Theory and Methodology in Asian Studies: [Topic] | 3       |
| Breadth Requirement                 |                                                  |         |
| Three 4-credit courses <sup>1</sup> |                                                  | 12      |
| Total Credits                       |                                                  | 16      |

<sup>1</sup> Must include more than one academic discipline and more than one Asian country. One course must be outside the student's focal academic division (e.g., humanities, social science). No more than two of the three courses may be substantially focused on the same Asian country.

To apply for the graduate specialization, fill out the Division of G (<https://gradschool.uoregon.edu/sites/gradschool2.uoregon.edu/files/Specialization%20Declaration.pdf>) graduate Studies form (<https://gradschool.uoregon.edu/sites/gradschool2.uoregon.edu/files/Specialization%20Declaration.pdf>).

The Division of Graduate Studies has general information (<http://gradschool.uoregon.edu/academic-programs/#specializations>) about graduate specializations campus-wide.

Black Studies

**Charise Cheney, Department Head**  
541-346-0900  
541-346-0904 fax  
104 Alder Building  
5268 University of Oregon  
Eugene, Oregon 97403-5268

Born out of the Black freedom struggle of the 1960s and 1970s, Black studies is a political and an intellectual project, through which scholarly inquiry serves as a path to the empowerment and liberation of people of African descent socially, politically, and spiritually. The Black studies minor also honors centuries-long histories of Black thought, from pre-

colonial, thriving African civilizations through the anti-slavery abolition movement to the prison abolition movement, from decades of Race Men to Black feminism and Black Queer studies, from the African continent to the Americas to the Caribbean and all throughout the Diaspora.

Black studies spans centuries, crosses oceans, and is shaped by multiple geographies and cultural practices. Students can immerse themselves in histories of African and African-descended people rooted in and routed through the Atlantic slave trade, colonialism, and imperialism across the Diaspora.

Black Studies Minor Requirements

| Code                                                                  | Title                                           | Credits |
|-----------------------------------------------------------------------|-------------------------------------------------|---------|
| Core Course:                                                          |                                                 | 4       |
| ES 250                                                                | Introduction to Black Studies                   |         |
| Lower Division - At least 12 credits from the following: <sup>1</sup> |                                                 | 12      |
| ENG 241                                                               | Introduction to African American Literature     |         |
| HIST 250                                                              | African American History                        |         |
| HIST 251                                                              | African American History                        |         |
| WGS 199                                                               | Special Studies: [Topic]                        |         |
| BLST 199                                                              | Special Studies: [Topic]                        |         |
| Upper Division - At least 12 credits from the following: <sup>2</sup> |                                                 | 12      |
| ES 352                                                                | Social Equity and Criminal Justice              |         |
| ES 442                                                                | Caribbean Literature and Politics               |         |
| ES 450                                                                | Race and Incarceration                          |         |
| HIST 470                                                              | African American History to 1877: [Topic]       |         |
| HIST 471                                                              | African American History since 1877: [Topic]    |         |
| ENG 468                                                               | Ethnic Literature: [Topic]                      |         |
| ENG 479                                                               | Major Authors: [Topic]                          |         |
| PHIL 452                                                              | Philosophy and Race                             |         |
| SPAN 490                                                              | 20th-Century Latin American Literature: [Topic] |         |
| WGS 399                                                               | Special Studies: [Topic]                        |         |
| Total Credits                                                         |                                                 | 28      |

<sup>1</sup> Following the successful completion of their gateway course and meeting with an advisor, students can decide if they want lower-division work in a combination of Anthropology, English, History, IRES, and WGSS lower-division courses.

<sup>2</sup> Consult with your advisor to discuss upper-division coursework.

Economics

**Shankha Chakraborty, Department Head**  
541-346-6478  
435 Prince Lucien Campbell Hall

Economics addresses the problem of using scarce resources to satisfy society's unlimited wants. The discipline is divided into two general areas—microeconomics and macroeconomics. Microeconomics explores questions about the way society allocates resources; it applies to public policy in such areas as urban, industrial organization, and labor economics. Macroeconomics considers such questions as the causes of inflation and unemployment; it applies to such areas as monetary policy, development and international economics.



## Faculty

Bruce A. Blonigen, Philip H. Knight Professor (international trade, industrial organization, applied econometrics); Edward Maletis Dean, Lundquist College of Business. BA, 1988, Gustavus Adolphus; MA, 1992, PhD, 1995, California, Davis. (1995)

Alfredo Burlando, associate professor (development, labor economics, industrial organization). BA, 2003, MA, 2003, California, Davis; PhD, 2010, Boston. (2010)

Jose Carreno, assistant professor (macroeconomics). BA, 2012, Castilla-La Mancha; M.Phil, 2014, CEMFI; MA, 2016, PhD 2020, Northwestern.

Shankha Chakraborty, professor (growth and development, macroeconomics). BS, 1992, Presidency; MA, 1994, Delhi School of Economics; PhD, 1999, California, Los Angeles. (1999)

Mark Colas, assistant professor (public economics and urban economics). BA, 2009, California, Davis; MS, 2013, PhD, 2017, Wisconsin, Madison. (2017)

Anca D. Cristea, associate professor (international economics, industrial organization, applied econometrics). BA, 2003, Babes-Bolyai; MA, 2005, Clemson; PhD, 2010, Purdue, West Lafayette. (2010)

Jonathan M. V. Davis, assistant professor (applied microeconomics, labor economics). BA, 2009, PhD, 2016, Chicago. (2018)

Timothy A. Duy, assistant professor with title of professor of practice (macroeconomics, monetary policy, international finance); director, Oregon Economic Forum. BA, 1991, Puget Sound; MS, PhD, 1998, Oregon. (2002)

David Evans, assistant professor (macroeconomics, computational economics, public finance). BS, 2008, Stanford; PhD, 2015, New York. (2015)

George W. Evans, professor (econometrics, macroeconomics); John Hamacher Chair in Economics. BA, 1972, Oxford; BA, 1974, MA, 1976, PhD, 1980, California, Berkeley. (1994)

Benjamin Hansen, W. E. Miner Professor in Economics (labor economics, public economics, econometrics); associate professor. BA, 2004, Brigham Young; MA, 2005, PhD, 2009, California, Santa Barbara. (2010)

William T. Harbaugh, professor (public economics, behavioral economics, neuroeconomics). BS, 1983, MS, 1986, Montana State; PhD, 1995, Wisconsin, Madison. (1995)

Van Kolpin, professor (microeconomic theory, game theory, social choice theory). BA, 1982, Coe; MS, 1983, MA, 1984, PhD, 1986, Iowa. (1986)

Michael Kuhn, assistant professor (behavioral economics, labor, public finance). BA, 2009, California, Los Angeles; PhD, 2014, California, San Diego. (2014)

Grant R. McDermott, assistant professor (environmental and natural resource economics, applied econometrics, uncertainty and Bayesian learning), BS, 2004, Cape Town; MS, 2011, PhD, 2015, Norwegian School of Economics. (2017)

Bruce McGough, professor (macroeconomics). BA, 1991, Reed; MS, 1993, PhD, 2000, Oregon. (2012)

Keaton Miller, assistant professor (industrial organization, health economics, applied econometrics). BS, 2008, Wisconsin, Madison; PhD, 2015, Minnesota, Twin Cities. (2015)

Kathleen Mullen, associate professor and Petrone Chair in Economics (labor economics, public economics, economics of aging, disability, health & retirement). BA, 1999, Virginia; PhD, 2005, Chicago. (2022)

Jeremy M. Piger, professor (macroeconomics, econometrics). BA, 1996, Seattle Pacific; MA, 1998, PhD, 2000, Washington (Seattle). (2006)

Edward A. Rubin, assistant professor (environmental and energy, development economics, econometrics and data science). BS, 2007, MS, 2013, Nebraska, Lincoln; MS, 2015, PhD, 2018, California, Berkeley. (2018)

Michael B. Urbancic, senior instructor (behavioral economics, experimental economics, economic history). BA, BA, BS, 2002, Arizona; MA, 2007, PhD, 2012, California, Berkeley. (2012)

Anne van den Nouweland, professor (game theory, microeconomic theory). BA, 1984, MA, 1989, Nijmegen; PhD, 1993, Tilburg. (1996)

Glen R. Waddell, professor (applied econometrics, industrial organization, labor economics). BS, 1995, Trent; MS, 1996, Miami; PhD, 2000, Purdue. (2001)

Woan Foong Wong, assistant professor (international economics, international trade). BA, 2009, Oberlin; MS, 2013, PhD, 2017, Wisconsin, Madison. (2017)

Jiabin Wu, assistant professor (experimental economics, behavior economics, political economy). BA, 2008, Hong Kong; MS, 2010, PhD, 2014, Wisconsin, Madison. (2014)

Eric Y. Zou, assistant professor (environmental economics, health economics). BS, 2012, East China Normal; MS, 2013, PhD, 2018, Illinois, Urbana-Champaign. (2018)

## Emeriti

Trudy Ann Cameron, professor emerita. BA, 1977, British Columbia; PhD, 1982, Princeton. (2001)

Christopher J. Ellis, professor emeritus (applied economic theory, public economics, political economy). BA, 1978, Essex; MA, 1979, PhD, 1983, Warwick. (1983)

Henry N. Goldstein, professor emeritus. BA, 1950, North Carolina, Chapel Hill; MS, 1953, PhD, 1967, Johns Hopkins. (1967)

Jo Anna Gray, professor emerita. BA, 1971, Rockford; AM, 1973, PhD, 1976, Chicago. (1989)

Stephen E. Haynes, professor emeritus. BA, 1968, PhD, 1976, California, Santa Barbara. (1978)

Peter J. Lambert, professor emeritus. PhD, 1971, Oxford. (2002)

Joe A. Stone, professor emeritus. BA, 1970, Texas, El Paso; MA, 1974, PhD, 1977, Michigan State. (1979)

Mark A. Thoma, professor emeritus. BA, 1980, California State, Chico; PhD, 1985, Washington State. (1987)

Wesley W. Wilson, professor emeritus. BS, BA, 1980, North Dakota; MA, 1984, PhD, 1986, Washington State. (1989)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

Undergraduate Programs

Major - Bachelor's Degree

- Economics (BA/BS) (p. 314)

Minor

- Economics (p. 317)

Graduate Programs

Major - Master's Degree

- Economics (MS) (p. 317)

Major - Doctoral Degree

- Economics (PhD) (p. 318)

Economics (BA/BS)

Do longer prison sentences lower crime rates? Does socialized medicine improve health outcomes? Do lower taxes pay for themselves? Economics affords the intellectual architecture needed to systematically address these types of questions. The economics discipline provides a rigorous framework for modeling how individuals and institutions make decisions, how these decisions shape our society, and how laws and policies can be designed to improve outcomes. This framework is implemented through advanced quantitative analysis, including statistical methods and data science, and can be used, quite simply, to change the world.

An economics degree indicates proficiency in data analysis, the modeling of behavioral patterns, the analysis of business practices, and the assessment of policy issues and challenges. Equipped with problem solving and analytical reasoning skills, undergraduate students in economics pursue careers in business, finance, data-science, law, government and many other paths, as well as advanced degrees in business, economics, law and public affairs. Economics majors also have the opportunity to complete a master's degree in economics (<https://economics.uoregon.edu/masters/>) in just one additional year following their undergraduate studies.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Be proficient in basic microeconomic and macroeconomic concepts.
- Be proficient in microeconomic analysis.
- Be proficient in macroeconomic analysis.
- Use economic data to examine empirical evidence of hypothesized relationships through statistical/econometric techniques.
- Apply the knowledge outlined in goals 1) through 4) to particular issues across various fields in economics.

Learning Outcome Explanations:

- Proficiency in basic microeconomic and macroeconomic concepts.
- Proficiency in microeconomic analysis. This builds on the microeconomic knowledge required in educational goal 1) and requires the ability to examine models of agents' decisions, including consumer utility maximization and firm profit maximization, using mathematical tools.
- Proficiency in macroeconomic analysis. This builds on the macroeconomic knowledge required in educational goal 1) and requires knowledge of theoretical models that explain fluctuations in output, employment, the price level, inflation, interest rates, and other macroeconomic variables, as well as the effect of monetary and fiscal policies on these macroeconomic outcomes.
- The ability to use economic data to examine empirical evidence of hypothesized relationships through basic statistical/econometric techniques.
- The ability to apply the knowledge outlined in goals 1) through 4) to particular issues across various fields in economics which may include, for example, environmental, international, labor, or urban economics.

Economics Major Requirements

| Code                                                   | Title                                                                                                                         | Credits |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------|
| EC 201<br>& EC 202                                     | Introduction to Economic Analysis:<br>Microeconomics<br>and Introduction to Economic Analysis:<br>Macroeconomics <sup>1</sup> | 8       |
| MATH 241–242<br>or MATH 251–252<br>or MATH 261–262     | Calculus for Business and Social Science I-II <sup>1</sup>                                                                    | 8       |
| STAT 243Z                                              | Elementary Statistics I <sup>1</sup>                                                                                          | 4       |
| EC 311<br>& EC 313                                     | Intermediate Microeconomic Theory<br>and Intermediate Macroeconomic Theory <sup>2,3,4</sup>                                   | 8       |
| EC 320<br>& EC 421<br>or EC 423–424                    | Introduction to Econometrics I<br>and Introduction to Econometrics II <sup>2,3</sup><br>Econometrics                          | 8       |
| Economics courses numbered 300 or above <sup>3,5</sup> |                                                                                                                               | 28      |
| Total Credits                                          |                                                                                                                               | 64      |

- <sup>1</sup> Should be completed by the end of the sophomore year.
- <sup>2</sup> Should be completed by the end of the junior year.
- <sup>3</sup> At least 28 of the 44 required upper-division credits required for the major (i.e., EC 311 Intermediate Microeconomic Theory, EC 313 Intermediate Macroeconomic Theory, EC 320 Introduction to Econometrics I, EC 421 Introduction to Econometrics II, and the 28 required field course credits) must be taken at the University of Oregon
- <sup>4</sup> Students cannot receive credit for both EC 311 and FIN 311.
- <sup>5</sup> At least 20 credits in courses numbered 400 or above. No more than 8 of the 28 credits may be in courses numbered 401, 404, 405, 407, or 408; no more than 2 credits in course numbered 407 may count toward the 8 of the 28 credits.

Grades of C– or better in courses taken to satisfy major requirements.

## Courses Offered Pass/No Pass Only

| Code   | Title                           | Credits |
|--------|---------------------------------|---------|
| EC 401 | Research: [Topic]               | 1-21    |
| EC 404 | Internship                      | 1-4     |
| EC 405 | Reading and Conference: [Topic] | 1-21    |
| EC 408 | Workshop: [Topic]               | 1-21    |

EC 320 Introduction to Econometrics I (or EC 423 Econometrics) is a prerequisite for almost all 400-level courses. EC 311 Intermediate Microeconomic Theory and sometimes EC 313 Intermediate Macroeconomic Theory are as well. Because MATH 242 Calculus for Business and Social Science II and Elementary Statistics I (STAT 243Z) are prerequisites for EC 320 Introduction to Econometrics I, it is important for students to take those courses early. See the course listings for details on prerequisites.

## Departmental Honors

Qualified students may apply to graduate with honors in economics. Two requirements must be met:

1. Completion of upper-division economics courses with at least a 3.50 grade point average
2. Completion of a research paper, written under the guidance of a faculty member, for 4 credits in EC 401 Research: [Topic]. A copy of the completed paper, approved by the faculty advisor, must be presented to the department by Friday of the week before final examinations during the term the student plans to graduate

Students interested in honors also should consider taking EC 418 Economic Analysis of Community Issues I and EC 419 Economic Analysis of Community Issues II. Instructor approval is required for EC 418–419. Students who intend to satisfy these requirements should notify the director of undergraduate studies early in the term in which they intend to graduate.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Economics

| Course                                            | Title                                             | Credits             | Milestones |
|---------------------------------------------------|---------------------------------------------------|---------------------|------------|
| <b>First Year</b>                                 |                                                   |                     |            |
| <b>Fall</b>                                       |                                                   |                     |            |
| MATH 111Z                                         | Precalculus I: Functions                          | math placement test | 4          |
| WR 121Z                                           | Composition I                                     |                     | 4          |
| General-education course in social science        |                                                   |                     | 4          |
| First term of first-year second-language sequence |                                                   |                     | 5          |
| <b>Credits</b>                                    |                                                   |                     | <b>17</b>  |
| <b>Winter</b>                                     |                                                   |                     |            |
| EC 201                                            | Introduction to Economic Analysis: Microeconomics |                     | 4          |

|                                                    |                                                   |                       |           |
|----------------------------------------------------|---------------------------------------------------|-----------------------|-----------|
| MATH 241                                           | Calculus for Business and Social Science I        |                       | 4         |
| MATH 251                                           | or Calculus I                                     |                       |           |
| General-education course in social science         |                                                   |                       | 4         |
| Second term of first-year second-language sequence |                                                   |                       | 5         |
| <b>Credits</b>                                     |                                                   |                       | <b>17</b> |
| <b>Spring</b>                                      |                                                   |                       |           |
| WR 122Z                                            | Composition II                                    | Complete writing req  | 4         |
| or WR 123                                          | or College Composition III                        |                       |           |
| EC 202                                             | Introduction to Economic Analysis: Macroeconomics | EC 201 & 202 complete | 4         |
| MATH 242                                           | Calculus for Business and Social Science II       |                       | 4         |
| or MATH 252                                        | or Calculus II                                    |                       |           |
| Third term of first-year second-language sequence  |                                                   |                       | 5         |
| <b>Credits</b>                                     |                                                   |                       | <b>17</b> |
| <b>Total Credits</b>                               |                                                   |                       | <b>51</b> |

| Course                                              | Title                             | Credits                     | Milestones |
|-----------------------------------------------------|-----------------------------------|-----------------------------|------------|
| <b>Second Year</b>                                  |                                   |                             |            |
| <b>Fall</b>                                         |                                   |                             |            |
| STAT 243Z                                           | Elementary Statistics I           |                             | 4          |
| EC 311                                              | Intermediate Microeconomic Theory |                             | 4          |
| General-education course in social science          |                                   |                             | 4          |
| First term of second-year second-language sequence  |                                   |                             | 5          |
| <b>Credits</b>                                      |                                   |                             | <b>17</b>  |
| <b>Winter</b>                                       |                                   |                             |            |
| EC 313                                              | Intermediate Macroeconomic Theory |                             | 4          |
| General-education course in science                 |                                   |                             | 4          |
| Multicultural course                                |                                   |                             | 4          |
| Second term of second-year second-language sequence |                                   |                             | 5          |
| <b>Credits</b>                                      |                                   |                             | <b>17</b>  |
| <b>Spring</b>                                       |                                   |                             |            |
| EC 320                                              | Introduction to Econometrics I    | EC 311, 313, & 320 complete | 4          |
| General-education course in arts and letters        |                                   |                             | 4          |
| Multicultural course                                |                                   |                             | 4          |
| Third term of second-year second-language sequence  |                                   |                             | 5          |
| <b>Credits</b>                                      |                                   |                             | <b>17</b>  |
| <b>Total Credits</b>                                |                                   |                             | <b>51</b>  |

| Course                                      | Title                           | Credits | Milestones |
|---------------------------------------------|---------------------------------|---------|------------|
| <b>Third Year</b>                           |                                 |         |            |
| <b>Fall</b>                                 |                                 |         |            |
| Upper-division EC course                    |                                 |         | 4          |
| Group-satisfying course in arts and letters |                                 |         | 4          |
| Elective courses                            |                                 |         | 8          |
| <b>Credits</b>                              |                                 |         | <b>16</b>  |
| <b>Winter</b>                               |                                 |         |            |
| EC 421                                      | Introduction to Econometrics II |         | 4          |

|                                             |           |
|---------------------------------------------|-----------|
| Upper-division EC course                    | 4         |
| Group-satisfying course in arts and letters | 4         |
| Elective course                             | 4         |
| <b>Credits</b>                              | <b>16</b> |

**Spring**

|                                             |           |
|---------------------------------------------|-----------|
| Upper-division EC course                    | 4         |
| Group-satisfying course in arts and letters | 4         |
| Elective courses                            | 8         |
| <b>Credits</b>                              | <b>16</b> |
| <b>Total Credits</b>                        | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                          |           |
|--------------------------|-----------|
| Upper-division EC course | 4         |
| Elective courses         | 8         |
| <b>Credits</b>           | <b>12</b> |

**Winter**

|                           |           |
|---------------------------|-----------|
| Upper-division EC courses | 8         |
| Elective courses          | 4         |
| <b>Credits</b>            | <b>12</b> |

**Spring**

|                          |           |
|--------------------------|-----------|
| Upper-division EC course | 4         |
| Elective courses         | 8         |
| <b>Credits</b>           | <b>12</b> |
| <b>Total Credits</b>     | <b>36</b> |

**Bachelor of Science in Economics**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|                                              |                                                             |           |
|----------------------------------------------|-------------------------------------------------------------|-----------|
| BA 101                                       | Introduction to Business                                    | 4         |
| MATH 111Z<br>or<br>MATH 112Z                 | Precalculus I: Functions<br>or Precalculus II: Trigonometry | 4         |
| WR 121Z                                      | Composition I                                               | 4         |
| General-education course in arts and letters |                                                             | 4         |
| <b>Credits</b>                               |                                                             | <b>16</b> |

**Winter**

|                                              |                                                             |           |
|----------------------------------------------|-------------------------------------------------------------|-----------|
| EC 201                                       | Introduction to Economic Analysis: Microeconomics           | 4         |
| MATH 241<br>or<br>MATH 251                   | Calculus for Business and Social Science I<br>or Calculus I | 4         |
| General-education course in arts and letters |                                                             | 4         |
| General-education course in social science   |                                                             | 4         |
| <b>Credits</b>                               |                                                             | <b>16</b> |

**Spring**

|                      |                                                   |   |
|----------------------|---------------------------------------------------|---|
| WR 122Z<br>or WR 123 | Composition II<br>or College Composition III      | 4 |
| EC 202               | Introduction to Economic Analysis: Macroeconomics | 4 |

|                                              |                                                               |           |
|----------------------------------------------|---------------------------------------------------------------|-----------|
| MATH 242<br>or<br>MATH 252                   | Calculus for Business and Social Science II<br>or Calculus II | 4         |
| General-education course in arts and letters |                                                               | 4         |
| <b>Credits</b>                               |                                                               | <b>16</b> |

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                            |                                   |           |
|--------------------------------------------|-----------------------------------|-----------|
| STAT 243Z                                  | Elementary Statistics I           | 4         |
| EC 311                                     | Intermediate Microeconomic Theory | 4         |
| General-education course in social science |                                   | 4         |
| General-education course in science        |                                   | 4         |
| <b>Credits</b>                             |                                   | <b>16</b> |

**Winter**

|                                              |                                   |           |
|----------------------------------------------|-----------------------------------|-----------|
| EC 313                                       | Intermediate Macroeconomic Theory | 4         |
| General-education course in arts and letters |                                   | 4         |
| General-education course in science          |                                   | 4         |
| Multicultural course                         |                                   | 4         |
| <b>Credits</b>                               |                                   | <b>16</b> |

**Spring**

|                                     |                                |           |
|-------------------------------------|--------------------------------|-----------|
| EC 320                              | Introduction to Econometrics I | 4         |
| General-education course in science |                                | 4         |
| Elective courses                    |                                | 8         |
| <b>Credits</b>                      |                                | <b>16</b> |
| <b>Total Credits</b>                |                                | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                          |  |           |
|--------------------------|--|-----------|
| Upper-division EC course |  | 4         |
| Elective courses         |  | 8         |
| Multicultural course     |  | 4         |
| <b>Credits</b>           |  | <b>16</b> |

**Winter**

|                          |                                 |           |
|--------------------------|---------------------------------|-----------|
| EC 421                   | Introduction to Econometrics II | 4         |
| Upper-division EC course |                                 | 4         |
| Elective courses         |                                 | 8         |
| <b>Credits</b>           |                                 | <b>16</b> |

**Spring**

|                          |  |           |
|--------------------------|--|-----------|
| Upper-division EC course |  | 4         |
| Elective courses         |  | 12        |
| <b>Credits</b>           |  | <b>16</b> |
| <b>Total Credits</b>     |  | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                   |  |           |
|-----------------------------------|--|-----------|
| Upper-division elective EC course |  | 4         |
| Elective courses                  |  | 8         |
| <b>Credits</b>                    |  | <b>12</b> |

**Winter**

|                           |   |
|---------------------------|---|
| Upper-division EC courses | 8 |
| Elective courses          | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

**Spring**

|                          |   |
|--------------------------|---|
| Upper-division EC course | 4 |
| Elective courses         | 8 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>12</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>36</b> |
|----------------------|-----------|

## Economics Minor

The Department of Economics offers a minor for students pursuing other majors. Undergraduate courses in Economics provide broad knowledge of the field as a part of the program of liberal arts education offered by the College of Arts and Sciences. They also lay a solid foundation in economics for students interested in professional graduate training in Economics or in careers in business, law, government, or journalism.

### Economics Minor

| Code                                                        | Title                                             | Credits   |
|-------------------------------------------------------------|---------------------------------------------------|-----------|
| EC 201                                                      | Introduction to Economic Analysis: Microeconomics | 4         |
| EC 202                                                      | Introduction to Economic Analysis: Macroeconomics | 4         |
| EC 311                                                      | Intermediate Microeconomic Theory                 | 4         |
| EC 313                                                      | Intermediate Macroeconomic Theory                 | 4         |
| Two additional upper-division 4-credit courses in economics |                                                   | 8         |
| <b>Total Credits</b>                                        |                                                   | <b>24</b> |

Two of the four upper-division 4-credit courses must be taken from the UO economics department. Minor requirements cannot be satisfied with EC 401 Research: [Topic], EC 404 Internship, EC 405 Reading and Conference: [Topic], EC 407 Seminar: [Topic], or EC 408 Workshop: [Topic]. Courses applied to the economics minor must be completed with grades of C– or better.

## Economics (MS)

The Department of Economics offers an intensive one-academic-year master's degree. Students gain applied skills in microeconomics, macroeconomics, and econometrics while specializing through elective courses. The program prepares students for consulting, applied research, and data science careers in private industry and government. The program also offers outstanding preparation for students interested in pursuing a PhD in economics.

The master's degree program consists of the following departmental requirements in addition to university and Division of Graduate Studies requirements for the master of arts (MA) or the master of science (MS) degree. Each master's degree candidate chooses either the course work or the research option. The department also offers an Accelerated Master's Program for well-prepared undergraduate Economics majors in their senior year. Students may apply to the program in either their junior or senior year.

## Credit Requirements

The course work option requires a minimum of 48 graduate credits. The research option requires a minimum of 45 graduate credits if the candidate writes a research paper or a minimum of 51 graduate credits if the candidate writes a thesis.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Exhibit mastery in basic microeconomic, macroeconomic, and econometric concepts. Students show proficiency in these areas through required course grades.
- Exhibit mastery of theoretical and empirical tools used in specific fields of microeconomics, macroeconomics, and econometrics. Students show proficiency with these tools through required course grades.
- Think critically, identify and answer policy questions, and demonstrate skills in these areas using quantitative methods in focused field classes. Students show proficiency with required course grades.

## Economics Major

| Code                                                       | Title                                      | Credits |
|------------------------------------------------------------|--------------------------------------------|---------|
| <b>Core Courses</b>                                        |                                            |         |
| EC 523–525                                                 | Econometrics <sup>1</sup>                  | 12      |
| EC 511                                                     | Advanced Microeconomic Theory <sup>1</sup> | 4       |
| EC 513                                                     | Advanced Macroeconomic Theory <sup>1</sup> | 4       |
| EC 512                                                     | Foundations of Economic Policy Analysis    | 4       |
| <b>Elective Economics Courses <sup>2</sup></b>             |                                            |         |
| Option 1: Course work                                      |                                            |         |
| Six elective courses taken at the 500 level.               |                                            |         |
| Option 2: Research                                         |                                            |         |
| Four elective courses taken at the 500 level. <sup>3</sup> |                                            |         |

- <sup>1</sup> To be completed by the end of the first full academic year.
- <sup>2</sup> Excluding EC 503 Thesis. PhD students who transfer to the master's program and who have completed the micro- and macroeconomics core courses (EC 607 Seminar: [Topic]) may apply those courses to master's degree requirements.
- <sup>3</sup> No more than 5 credits in EC 601 Research: [Topic] may be applied to the 45-credit minimum for the research paper and no more than 9 credits in EC 503 Thesis may be applied to the 51-credit minimum for the thesis.

The thesis or research paper, on a topic from the area of economics in which a 500-level field course was taken, must be approved by two department faculty members. The candidate's committee must have approved a prospectus for the thesis or research paper before the term in which the thesis or research paper is approved.

Courses taken to satisfy master's degree requirements (except EC 503 Thesis, EC 601 Research: [Topic], and EC 605 Reading and Conference: [Topic]) must be taken for letter grades and completed with at least a 3.00 cumulative grade point average. A GPA below the level of 3.00 at any time during a graduate student's studies or the accumulation of more than 5 credits of N or F grades, regardless of GPA, is considered unsatisfactory and may lead to termination from the program.



Unless on-leave status has been approved, a student must attend the university continuously until all program requirements have been completed. The student must register for 3 graduate credits each term, excluding summer sessions, to be continuously enrolled. A minimum of 30 credits toward the master's degree must be taken in residence over a period of at least two terms.

## Substitutions and Waivers

Substitutions of alternative courses or courses taken elsewhere require the joint approval of the master's program committee and the department head before they can be counted toward the credit minimum. Any other waivers or exceptions to departmental requirements require the approval of the department faculty.

## Time Limits

Students who choose the course work option must complete all the master's degree requirements within three years. Students who choose the research option must complete all the master's degree requirements within five years.

The master's degree typically requires five to six terms of full-time work. A few well-qualified students have satisfied requirements for the degree in four terms.

### DEGREE REQUIREMENTS

Students in the accelerated degree program must meet all degree requirements for both degrees.

#### A. Graded credit requirements:

*Must the graduate-level courses taken while an undergraduate be taken for a letter grade and/or passed with a minimum grade to count toward the master's degree?*

Yes, the graduate-level courses must be taken for a letter grade and passed with a minimum grade of "B" in order to count toward the master's degree.

#### B. Shared credit hour allowance:

*List the maximum number of credits a student may use to fulfill requirements of both the bachelor's and master's degrees (maximum 16).*

12

#### C. Which courses may count toward both the undergraduate and graduate degree, and what requirements will they fulfill for each degree?

*Indicate whether only specific courses may count toward both degrees, or if there are categories of courses to choose from.*

Students in the AMPED may choose any three courses from the list of all 500 level courses offered in a given year, with the exception of EC 503, 511, 513, 521, 523, 524, and 525. The courses will count as upper-division electives for the bachelor's degree, and as electives for the Master's degree.

#### D. List all courses that may not be shared (i.e., must be taken as a graduate student):

*Culminating experiences (e.g., terminal project, capstone, etc.) may not be shared. An undergraduate thesis may not serve as a substitute for a master's thesis. See guidelines for details.*

EC 503, EC 511, EC 513, EC 523, EC 524, EC 525

### SAMPLE PLANS OF STUDY

Provide a sample plan of study for both the undergraduate (senior year) and graduate portions of the program. If proposing more than one combination of majors, provide a sample plan of study for each.

#### Sample Program of Study – Senior Year

Fall Quarter: EC 421, University Requirement, EC 4xx

Winter Quarter: EC 4xx, EC 4xx, EC 5xx

Spring Quarter: EC 4xx, EC 5xx, EC 5xx

#### Sample Program of Study – Master's Program

Fall Quarter: EC 523, EC 511, EC 513

Winter Quarter: EC 524, EC 5xx elective, EC 5xx elective

Spring Quarter: EC 525, EC 5xx elective, EC 5xx elective

## Economics (PhD)

Graduate fields include macroeconomics; applied econometrics; game theory; economic growth and development; industrial organization; and international, labor, public, environmental, and behavioral-experimental economics. A detailed description of degree requirements may be obtained from the department website.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Exhibit mastery in core microeconomic, macroeconomic, and econometric concepts. Students show proficiency in graduate level foundations in economics through required course grades and qualifying exams.
- Exhibit mastery of the literature, empirical tools and theoretical models used in specific fields of microeconomics and macroeconomics. Through choosing two specific fields in economics, and completing five additional electives, students show mastery of specific areas of economics in which they will pursue original research topics.
- Teach foundational, intermediate and field courses at the undergraduate level. By serving as graders, teaching assistants with sections, and instructors of record, our graduate students are prepared to develop and teach curriculum as tenure track professors.
- Identify and answer original research questions in microeconomics and/or macroeconomics. Through focused field classes, a third-year paper, and writing a dissertation, our students develop the ability to identify and conduct original research.
- Communicate original research, both written and verbal. By writing a field paper, and proposing, writing, and defending a dissertation, our graduate students develop the ability to communicate economic research both through their writing and orally.

## Doctor of Philosophy

### Degree Requirements

A PhD in economics prepares students to teach at liberal arts and research universities; to work in state, federal, and international organizations; and to conduct research or work as a consultant for private industry. Graduate students seeking the PhD degree in economics at the University of Oregon must complete the following departmental requirements as well as all university requirements. Except for EC 601 Research: [Topic], EC 603 Dissertation, EC 605 Reading and Conference: [Topic], and EC 606 Practicum: [Topic], economics courses must be taken for letter grades.

| Code   | Title                                                                   | Credits |
|--------|-------------------------------------------------------------------------|---------|
| EC 607 | Seminar: [Topic] (Core Microeconomic Theory (Three Terms)) <sup>1</sup> | 1-5     |
| EC 607 | Seminar: [Topic] (Core Macroeconomic Theory (Three Terms)) <sup>1</sup> | 1-5     |
| EC 607 | Seminar: [Topic] (Core Econometrics (Three Terms)) <sup>1</sup>         | 1-5     |
| EC 607 | Seminar: [Topic] (two-term sequences) <sup>2</sup>                      | 1-5     |
| EC 601 | Research: [Topic] <sup>3</sup>                                          | 6       |
| EC 607 | Seminar: [Topic] (five courses) <sup>4</sup>                            | 1-5     |
| EC 603 | Dissertation <sup>4</sup>                                               | 18      |

<sup>1</sup> Students who complete these courses with a GPA of 2.90 or higher will be invited to take the qualifying examination in microeconomic and macroeconomic theory when it is offered in early summer. Records of students whose GPA is lower than 2.90 are evaluated to determine eligibility for the qualifying examination. Students who fail the qualifying examination may be asked to retake it early the following September. Students who pass the qualifying examination but have a GPA less than 3.00 in econometrics must take a competency examination in econometrics, which is administered the Thursday before the first week of fall classes. Students who fail the competency examination must retake each econometrics course in which they received a grade of less than B and pass it with a grade of B or better. Students must file an approved program of study by December 15 following the qualifying examination.

<sup>2</sup> Sequences in two fields of economics must be completed with a 3.00 GPA or better. Credit for Research: [Topic] (EC 601), Dissertation (EC 603), Reading and Conference: [Topic] (EC 605), or Practicum: [Topic] (EC 606) cannot be counted toward the field requirement.

<sup>3</sup> By winter term of the third year, a research paper for at least 6 credits must be completed in one of the fields and approved by two members of the faculty with specialties in that field

<sup>4</sup> Must be taken outside the two fields of economics previously chosen and completed with a 3.00 GPA or better. Credit for Research: [Topic] (EC 601), Dissertation (EC 603), Reading and Conference: [Topic] (EC 605), or Practicum: [Topic] (EC 606) cannot be counted toward the field requirement. Advancement to candidacy may be requested after the student has completed the above requirements and orally defended a prospectus for the dissertation, which must include a minimum of 6 credits in Research: [Topic] (EC 601). Students must be enrolled for at least 3 credits during the term of advancement.

<sup>5</sup> The dissertation must be a significant contribution to the field and must be completed in conjunction with at least 18 credits of Dissertation (EC 603). A formal, public defense must take place on the UO campus at a date set by the committee chair and approved by the Division of Graduate Studies.

### Time Limits

The seven-year time limit for completion of PhD degree requirements begins with the first term of admission—either conditional or unconditional—as a doctoral student at the university. The required year of residency on the Eugene campus, passing of comprehensive examinations for advancement to candidacy, and completion of the doctoral dissertation must all be accomplished within this seven-year limit.

Courses other than those described above and courses taken elsewhere may not be substituted without approval of the PhD program committee and the department head. In no instance can the qualifying examination be waived.

Students in the PhD program may apply to be awarded a master's degree upon completion of the master's program requirements and the approval of the master's program advisor.

Detailed information is given on the department's website.

## Environmental Studies

### Richard York, Program Director

541-346-5064  
144 Columbia Hall  
5223 University of Oregon  
Eugene, Oregon 97403-5223

Environmental Studies crosses the boundaries of traditional disciplines in the natural sciences, social sciences, humanities, management, policy, design, and law. It challenges students to look at the relationship between humans and their environment from new perspectives. The Environmental Studies Program is dedicated to gaining greater understanding of the natural world from an ecological perspective; devising policies and behaviors that address contemporary environmental problems; and promoting a rethinking of basic cultural premises, ways of structuring knowledge, and the root metaphors of contemporary society.

### Faculty

With 22 core faculty from three colleges and 13 different departments, the Environmental Studies Program is doing exciting boundary-breaking interdisciplinary research and teaching related to the environment. In addition, over 100 faculty from all UO colleges who have environmental expertise are affiliated with Environmental Studies as participating faculty. Profiles for core faculty and a list of participating faculty are on the Environmental Studies website.

Stacy Alaimo, professor (material ecocriticism, anthropocene feminisms, blue humanities).

Peg Boulay, senior instructor II (environmental monitoring, wildlife conservation, outreach and education); co-director, environmental leadership.

Mark Carey, professor (glaciers, climate change, natural disasters).

Ashley Cordes, assistant professor (Indigenous studies, Digital Humanities)

Lauren Hallett, assistant professor (plant community and restoration ecology).

Stephanie LeMenager, professor (American studies, environmental humanities).

Kathryn Lynch, senior instructor II (environmental education, environmental anthropology); co-director, environmental leadership.

Richard D. Margerum, associate professor (collaborative environmental management, conflict management in multistakeholder processes).

Galen Martin, senior instructor II (sustainable agriculture, food systems).

Erin Moore, associate professor (life-cycle environmental impacts), assistant director of environmental studies program.

Nicolae Morar, associate professor (applied ethics, recent continental philosophy, philosophy of biology), director of graduate studies.

Barbara Muraca, assistant professor (human-nature relationships, ecosystem services valuation, sustainability theory).

Alexandra Rempel, assistant professor (environmental design, passive heating and cooling).

Joshua J. Roering, associate professor (geomorphology, landscape evolution modeling).

Kory Russel, assistant professor (sustainable design; water, public health, and environment).

Emily Scott, assistant professor (art and the public sphere, critical approaches to the built environment, visual cultures of nature).

Lucas Silva, assistant professor (terrestrial ecology, biogeochemistry, biogeography).

David Sutherland, associate professor (ice-ocean interaction, coastal and estuarine oceanography).

Sarah Wald, associate professor (race and ethnic studies, environmental humanities).

Peter A. Walker, professor (environmental politics, political ecology).

Marsha Weisiger, associate professor (environmental, Native American, American West).

Richard York, associate professor (assessing anthropogenic driving forces of global environmental change); director, environmental studies program.

## Emeritus

Scott D. Bridgman, professor (ecosystem ecology, climate change).

Trudy Ann Cameron, professor (environmental economics).

Alan Dickman, professor emeritus (forest ecology and management).

Matthew Dennis, professor (colonial and early national America, American cultural and environmental history, American Indian history).

Patricia McDowell, professor (river management and restoration).

Ronald Mitchell, professor (environmental politics, international relations).

## Undergraduate Programs

### Majors - Bachelor's Degree

- Environmental Science (BA/BS) (p. 320)
- Environmental Studies (BA/BS) (p. 323)

### Minors

- Environmental Humanities (p. 328)
- Environmental Studies (p. 327)

## Graduate Programs

### Major - Master's Degree

- Environmental Studies (MA/MS) (p. 328)

### Major - Doctoral Degree

- Environmental Sciences, Studies, and Policy (PhD) (p. 329)

### Certificate

- Environmental Humanities (p. 330)

## Environmental Science (BA/BS)

Work alongside world-class scholars and researchers, develop concrete skills and analytical abilities, and gain real-world experience with the environmental science major. You will learn from an interdisciplinary approach to the natural sciences—including biology, geology, chemistry, physical geography, and data analysis—and gain an understanding of how social sciences, policy, humanities, and design inform our approaches to solving environmental issues.

The environmental science major is flexible, allowing you to tailor coursework to meet your specific educational and career goals. We also prioritize practical learning experiences where you will link theory to practice and build transferable skills through internships, research, and community involvement. This major is designed for students who want to focus on careers in fields such as conservation biology; pollution prevention and abatement; climate and the atmosphere; water resources; and ecosystem protection, restoration, and management.

### Program's Admission Requirements

Please visit the program's website (<https://cas.uoregon.edu/envs/apply/>).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Articulate the contributions from the social sciences, natural sciences, and humanities in understanding and addressing environmental issues.
- Discuss major root causes of environmental problems and avenues for addressing them.
- Discuss several key concepts within the field of environmental sciences (e.g., biodiversity and biological conservation, climate

change, watershed health, water and nutrient cycles, energy flows), drawing on interdisciplinary perspectives.

- Demonstrate critical thinking and communication skills, including the ability to: a) Critically analyze environmental information, data and problems; b) Interpret scientific communication, including writing, figures, and tables; c) Synthesize diverse information sources; d) Communicate effectively through written and oral communication.

## Environmental Science Major Requirements

The major requires a minimum of 112 credits including 60 upper-division credits. Upper-division credits may be earned through coursework or through a combination of coursework and an honors thesis. Sample course plans are available on the program's website. Major requirements sheets containing detailed information about specific courses that meet the major requirements are available in the program office, from an environmental science advisor, or on the program website (<http://envs.uoregon.edu/undergrad/escifocus/>).

| Code                                                                                                                                                                                                                          | Title                                                                                                                   | Credits    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Lower-Division Core Courses</b>                                                                                                                                                                                            |                                                                                                                         |            |
| ENVS 201                                                                                                                                                                                                                      | Introduction to Environmental Studies: Social Sciences                                                                  | 4          |
| ENVS 203                                                                                                                                                                                                                      | Introduction to Environmental Studies: Humanities                                                                       | 4          |
| <b>Mathematics and Statistics Courses</b>                                                                                                                                                                                     |                                                                                                                         |            |
| MATH 246–247<br>or MATH 251–252                                                                                                                                                                                               | Calculus for the Biological Sciences I-II                                                                               | 8          |
| Approved statistics course                                                                                                                                                                                                    |                                                                                                                         | 4          |
| Approved course in analytical approaches                                                                                                                                                                                      |                                                                                                                         | 4          |
| <b>Lower-Division Introductory Science Sequences</b>                                                                                                                                                                          |                                                                                                                         |            |
| Two introductory sequences in focal area                                                                                                                                                                                      |                                                                                                                         | 24         |
| Up to three approved introductory courses in nonfocal area <sup>1</sup>                                                                                                                                                       |                                                                                                                         | 12         |
| <b>Upper-Division Natural Science Courses</b>                                                                                                                                                                                 |                                                                                                                         |            |
| Six upper-division natural science courses in focal area (life sciences or earth and physical sciences)                                                                                                                       |                                                                                                                         | 24         |
| At least two upper-division courses in nonfocal area <sup>1</sup>                                                                                                                                                             |                                                                                                                         | 8          |
| <b>Upper-Division Social Science, Policy, Humanities, and Design Courses</b>                                                                                                                                                  |                                                                                                                         |            |
| Three courses from the areas of social science, policy, humanities, or design (no more than one course per area)                                                                                                              |                                                                                                                         | 12         |
| <b>Environmental Issues Course</b>                                                                                                                                                                                            |                                                                                                                         |            |
| ENVS 411<br>or ENVS 425<br>or ENVS 427                                                                                                                                                                                        | Environmental Issues: [Topic]<br>Environmental Education Theory and Practice<br>Environmental and Ecological Monitoring | 4          |
| <b>Practical Learning Experience</b>                                                                                                                                                                                          |                                                                                                                         |            |
| Choose from one of several approved practical learning experience options. These include internships, participation in the Environmental Leadership Program, research experiences with UO faculty members, and honors thesis. |                                                                                                                         | 4          |
| <b>Total Credits</b>                                                                                                                                                                                                          |                                                                                                                         | <b>112</b> |

<sup>1</sup> Five courses total are required for nonfocal area.

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

### Bachelor of Arts in Environmental Science (Life Science Focus)

| Course                     | Title                                                     | Credits   | Milestones |
|----------------------------|-----------------------------------------------------------|-----------|------------|
| <b>First Year</b>          |                                                           |           |            |
| <b>Fall</b>                |                                                           |           |            |
|                            | General-education course in arts and letters              | 4         |            |
| CH 221                     | General Chemistry I                                       | 4         |            |
|                            | First term of first-year second-language sequence         | 4         |            |
| MATH 111Z                  | Precalculus I: Functions                                  | 4         |            |
| <b>Credits</b>             |                                                           | <b>16</b> |            |
| <b>Winter</b>              |                                                           |           |            |
| WR 121Z                    | Composition I                                             | 4         |            |
| CH 222                     | General Chemistry II                                      | 4         |            |
|                            | Second term of first-year second-language sequence        | 4         |            |
| MATH 112Z                  | Precalculus II: Trigonometry                              | 4         |            |
| <b>Credits</b>             |                                                           | <b>16</b> |            |
| <b>Spring</b>              |                                                           |           |            |
| ENVS 203                   | Introduction to Environmental Studies: Humanities         | 4         |            |
| CH 223                     | General Chemistry III                                     | 4         |            |
|                            | Third term of first-year second-language sequence         | 4         |            |
| MATH 251<br>or<br>MATH 246 | Calculus I<br>or Calculus for the Biological Sciences I   | 4         |            |
| <b>Credits</b>             |                                                           | <b>16</b> |            |
| <b>Total Credits</b>       |                                                           | <b>48</b> |            |
| <b>Second Year</b>         |                                                           |           |            |
| <b>Fall</b>                |                                                           |           |            |
|                            | First term of second-year second-language sequence        | 4         |            |
| MATH 252<br>or<br>MATH 247 | Calculus II<br>or Calculus for the Biological Sciences II | 4         |            |
| BI 211                     | General Biology I: Cells                                  | 5         |            |
|                            | General-education course in social science                | 4         |            |
| <b>Credits</b>             |                                                           | <b>17</b> |            |
| <b>Winter</b>              |                                                           |           |            |
|                            | Second term of second-year second-language sequence       | 4         |            |
| ENVS 201                   | Introduction to Environmental Studies: Social Sciences    | 4         |            |
| BI 212                     | General Biology II: Organisms                             | 5         |            |
| MATH 425                   | Statistical Methods I                                     | 4         |            |
| <b>Credits</b>             |                                                           | <b>17</b> |            |
| <b>Spring</b>              |                                                           |           |            |
|                            | Third term of second-year second-language sequence        | 4         |            |

|                      |                                              |    |
|----------------------|----------------------------------------------|----|
| WR 122Z<br>or WR 123 | Composition II<br>or College Composition III | 4  |
| BI 213               | General Biology III: Ecology and Evolution   | 5  |
| ERTH 305             | Dinosaurs                                    | 4  |
| Credits              |                                              | 17 |

Summer

|               |                                 |    |
|---------------|---------------------------------|----|
| ERTH 201      | Dynamic Planet Earth            | 4  |
| ERTH 202      | Earth's Surface and Environment | 4  |
| ERTH 203      | History of Life                 | 4  |
| Credits       |                                 | 12 |
| Total Credits |                                 | 63 |

| Course                                       | Title                    | Credits | Milestones |
|----------------------------------------------|--------------------------|---------|------------|
| Third Year                                   |                          |         |            |
| Fall                                         |                          |         |            |
| PHIL 340                                     | Environmental Philosophy | 4       |            |
| BI 370                                       | Ecology                  | 5       |            |
| General-education course in arts and letters |                          | 4       |            |
| Elective course                              |                          | 4       |            |
| Credits                                      |                          | 17      |            |

Winter

|                  |                            |    |
|------------------|----------------------------|----|
| ANTH 362         | Human Biological Variation | 4  |
| BI 357           | Marine Biology             | 4  |
| Elective courses |                            | 8  |
| Credits          |                            | 16 |

Spring

|                  |                                           |    |
|------------------|-------------------------------------------|----|
| GEOG 341         | Population and Environment                | 4  |
| ENVS 335         | Allocating Scarce Environmental Resources | 4  |
| Elective courses |                                           | 8  |
| Credits          |                                           | 16 |
| Total Credits    |                                           | 49 |

| Course           | Title                                   | Credits | Milestones |
|------------------|-----------------------------------------|---------|------------|
| Fourth Year      |                                         |         |            |
| Fall             |                                         |         |            |
| BI 380           | Evolution                               | 4       |            |
| Elective courses |                                         | 8       |            |
| ENVS 477         | Soil Science                            | 4       |            |
| Credits          |                                         | 16      |            |
| Winter           |                                         |         |            |
| ENVS 427         | Environmental and Ecological Monitoring | 4       |            |
| BI 471           | Population Ecology                      | 4       |            |
| Elective courses |                                         | 8       |            |
| Credits          |                                         | 16      |            |
| Spring           |                                         |         |            |
| ENVS 429         | Environmental Leadership: [Topic]       | 4       |            |
| BI 448           | Field Botany                            | 4       |            |

|                  |    |
|------------------|----|
| Elective courses | 8  |
| Credits          | 16 |
| Total Credits    | 48 |

Bachelor of Science in Environmental Science (Life Science Focus)

| Course                                                                                          | Title                                                  | Credits | Milestones |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------|------------|
| First Year                                                                                      |                                                        |         |            |
| Fall                                                                                            |                                                        |         |            |
| ENVS 201                                                                                        | Introduction to Environmental Studies: Social Sciences | 4       |            |
| WR 121Z                                                                                         | Composition I                                          | 4       |            |
| General-education group-satisfying course                                                       |                                                        | 4       |            |
| General-education course that also satisfies a international cultures multicultural requirement |                                                        | 4       |            |
| Credits                                                                                         |                                                        | 16      |            |

Winter

|                           |                          |    |
|---------------------------|--------------------------|----|
| WR 123                    | College Composition III  | 4  |
| MATH 111Z                 | Precalculus I: Functions | 4  |
| General-education courses |                          | 8  |
| Credits                   |                          | 16 |

Spring

|                           |                                                   |    |
|---------------------------|---------------------------------------------------|----|
| ENVS 203                  | Introduction to Environmental Studies: Humanities | 4  |
| MATH 112Z                 | Precalculus II: Trigonometry                      | 4  |
| General-education courses |                                                   | 8  |
| Credits                   |                                                   | 16 |
| Total Credits             |                                                   | 48 |

| Course                                         | Title                | Credits | Milestones |
|------------------------------------------------|----------------------|---------|------------|
| Second Year                                    |                      |         |            |
| Fall                                           |                      |         |            |
| CH 221                                         | General Chemistry I  | 4       |            |
| ERTH 201                                       | Dynamic Planet Earth | 4       |            |
| MATH 251                                       | Calculus I           | 4       |            |
| Multicultural course in international cultures |                      | 4       |            |
| Credits                                        |                      | 16      |            |

Winter

|          |                                 |    |
|----------|---------------------------------|----|
| CH 222   | General Chemistry II            | 4  |
| ERTH 202 | Earth's Surface and Environment | 4  |
| MATH 252 | Calculus II                     | 4  |
| BI 211   | General Biology I: Cells        | 5  |
| Credits  |                                 | 17 |

Spring

|                          |                                            |    |
|--------------------------|--------------------------------------------|----|
| General-education course |                                            | 4  |
| ERTH 203                 | History of Life                            | 4  |
| CH 223                   | General Chemistry III                      | 4  |
| BI 213                   | General Biology III: Ecology and Evolution | 5  |
| Credits                  |                                            | 17 |
| Total Credits            |                                            | 50 |



| Course                   | Title                                     | Credits   | Milestones |
|--------------------------|-------------------------------------------|-----------|------------|
| <b>Third Year</b>        |                                           |           |            |
| <b>Fall</b>              |                                           |           |            |
| ANTH 330                 | Hunters and Gatherers                     | 4         |            |
| GEOG 341                 | Population and Environment                | 4         |            |
| General-education course |                                           | 8         |            |
| <b>Credits</b>           |                                           | <b>16</b> |            |
| <b>Winter</b>            |                                           |           |            |
| ANTH 361                 | Human Evolution                           | 4         |            |
| ANTH 349                 | Origins of Art                            | 4         |            |
| BI 212                   | General Biology II: Organisms             | 5         |            |
| ENVS 345                 | Environmental Ethics                      | 4         |            |
| <b>Credits</b>           |                                           | <b>17</b> |            |
| <b>Spring</b>            |                                           |           |            |
| ANTH 462                 | Primate Evolution                         | 4         |            |
| ARCH 430                 | Architectural Contexts: Place and Culture | 4         |            |
| STAT 243Z                | Elementary Statistics I                   | 4         |            |
| <b>Credits</b>           |                                           | <b>12</b> |            |
| <b>Total Credits</b>     |                                           | <b>45</b> |            |

| Course               | Title                                                  | Credits   | Milestones |
|----------------------|--------------------------------------------------------|-----------|------------|
| <b>Fourth Year</b>   |                                                        |           |            |
| <b>Fall</b>          |                                                        |           |            |
| ENVS 404             | Internship: [Topic]                                    | 4         |            |
| Elective course      |                                                        | 4         |            |
| <b>Credits</b>       |                                                        | <b>8</b>  |            |
| <b>Winter</b>        |                                                        |           |            |
| ENVS 411             | Environmental Issues: [Topic] (Top Conservation Areas) | 4         |            |
| BI 307               | Forest Biology                                         | 4         |            |
| Elective course      |                                                        | 4         |            |
| <b>Credits</b>       |                                                        | <b>12</b> |            |
| <b>Spring</b>        |                                                        |           |            |
| ENVS 429             | Environmental Leadership: [Topic]                      | 4         |            |
| BI 374               | Conservation Biology                                   | 4         |            |
| Elective course      |                                                        | 4         |            |
| <b>Credits</b>       |                                                        | <b>12</b> |            |
| <b>Total Credits</b> |                                                        | <b>32</b> |            |

## Environmental Studies (BA/BS)

The environmental studies major provides students with opportunities to work alongside world-class scholars and researchers, develop concrete skills and analytical abilities, and gain hands-on experience solving environmental issues. The environmental studies major emphasizes an interdisciplinary approach to environmental topics that combines the natural sciences, social sciences, policy studies, sustainable design, and the humanities. The curriculum includes environmentally-related courses taught by more than 100 participating faculty from 30 campus programs and departments.

The environmental studies major is flexible, allowing you to tailor coursework with a focal point of your choice to meet specific educational and career goals. We prioritize practical learning

experiences where you will link theory to practice and build transferable skills through internships, research, and community involvement. Our Environmental Leadership Program and a robust internship program offer capstone experiences for undergraduate students that provide training in teamwork, time management, communication, and problem solving skills that are increasingly valued in all careers.

### Program's Admission Requirements

Please visit the program's website (<https://cas.uoregon.edu/envs/apply/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Articulate the contributions from the social sciences, natural sciences, and humanities in understanding environmental issues.
- Articulate major root causes of environmental problems and avenues for addressing them.
- Discuss several key concepts within the field of environmental studies (e.g. sustainability, environmental justice, climate change, humans varied ways of understanding and representing nature, the relationship between nature and culture), drawing on interdisciplinary perspectives.
- Demonstrate critical thinking and communication skills, including the ability to: a) Critically analyze environmental information, data and problems; b) Interpret a variety of environmental writings; c) Synthesize diverse information sources; d) Communicate effectively through written and oral communication.

Courses applied to the major, except environmental studies courses numbered 401 through 409, must be taken for letter grades and passed with grades of C– or better. As many as four upper-division courses may be used to fulfill requirements of another major.

### Environmental Studies Major Requirements

Upper-division credit may be earned through coursework or through a combination of coursework and an honors thesis. Major requirements sheets containing detailed information about specific courses that meet the major requirements are available on the program website (<http://envs.uoregon.edu/undergrad/envsfocus/>), in the program office, or from an SDS flight path Tykeson Advisor.

| Code                                                  | Title                                                   | Credits |
|-------------------------------------------------------|---------------------------------------------------------|---------|
| <b>Lower-Division Core Courses</b>                    |                                                         |         |
| ENVS 201                                              | Introduction to Environmental Studies: Social Sciences  | 4       |
| ENVS 202                                              | Introduction to Environmental Studies: Natural Sciences | 4       |
| ENVS 203                                              | Introduction to Environmental Studies: Humanities       | 4       |
| <b>Lower-Division Mathematics and Science Courses</b> |                                                         |         |
| MATH 111Z                                             | Precalculus I: Functions <sup>1</sup>                   | 4       |
| Statistics course                                     |                                                         | 4       |
| STAT 243Z                                             | Elementary Statistics I                                 |         |
| MATH 425                                              | Statistical Methods I                                   |         |
| ERTH 418                                              | Earth and Environmental Data Analysis                   |         |
| GEOG 495                                              | Geographic Data Analysis                                |         |
| Approved introductory sequence in natural science     |                                                         | 12      |

|                                                                                                                                                                                                                           |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Course from different natural science sequence or from the list of approved science courses                                                                                                                               | 4         |
| <b>Upper-Division Natural Science Courses</b>                                                                                                                                                                             |           |
| Two upper-division natural science courses from the major requirements sheet                                                                                                                                              | 8         |
| <b>Upper-Division Social Science, Policy, Humanities, and Design Courses</b>                                                                                                                                              |           |
| Social science foundation course                                                                                                                                                                                          | 4         |
| Policy foundation course                                                                                                                                                                                                  | 4         |
| Humanities foundation course                                                                                                                                                                                              | 4         |
| Design foundation course                                                                                                                                                                                                  | 4         |
| Six additional courses: three from one of the above areas; three from another                                                                                                                                             | 24        |
| <b>Environmental Issues Course</b>                                                                                                                                                                                        |           |
| ENVS 411 Environmental Issues: [Topic]                                                                                                                                                                                    | 4         |
| or ENVS 425 Environmental Education Theory and Practice                                                                                                                                                                   |           |
| or ENVS 427 Environmental and Ecological Monitoring                                                                                                                                                                       |           |
| <b>Practical Learning Experience</b>                                                                                                                                                                                      |           |
| Choose from one of several approved practical learning experience options. These include internships, participation in the Environmental Leadership Program, research experiences with UO faculty members, honors thesis. | 4         |
| <b>Total Credits</b>                                                                                                                                                                                                      | <b>92</b> |

<sup>1</sup> Recommended course; however, a university-level mathematics course that counts toward the bachelor of science mathematics requirement fulfills the requirement.

Approved Courses

| Code                                            | Title                                          | Credits |
|-------------------------------------------------|------------------------------------------------|---------|
| <b>Introductory Sequence in Natural Science</b> |                                                |         |
| Life Sciences                                   |                                                |         |
| BI 211                                          | General Biology I: Cells                       |         |
| & BI 212                                        | and General Biology II: Organisms              |         |
| & BI 213                                        | and General Biology III: Ecology and Evolution |         |
| or CH 111                                       | Introduction to Chemical Principles            |         |
| & BI 211                                        | and General Biology I: Cells                   |         |
| & BI 213                                        | and General Biology III: Ecology and Evolution |         |
| Chemistry                                       |                                                |         |
| CH 221                                          | General Chemistry I                            |         |
| & CH 222                                        | and General Chemistry II                       |         |
| & CH 223                                        | and General Chemistry III                      |         |
| Earth Sciences                                  |                                                |         |
| ERTH 101                                        | Exploring Planet Earth                         |         |
| & ERTH 102                                      | and Exploring Earth's Environment              |         |
| & ERTH 103                                      | and Exploring Earth History                    |         |
| or ERTH 201                                     | Dynamic Planet Earth                           |         |
| & ERTH 202                                      | and Earth's Surface and Environment            |         |
| & ERTH 203                                      | and History of Life                            |         |
| Physical Sciences                               |                                                |         |
| CH 111                                          | Introduction to Chemical Principles            |         |
| & PHYS 161                                      | and Physics of Energy and Environment          |         |
| & PHYS 162                                      | and Solar and Other Renewable Energies         |         |

|                                     |                                                      |
|-------------------------------------|------------------------------------------------------|
| or PHYS 201General Physics          |                                                      |
| & PHYS 202and General Physics       |                                                      |
| & PHYS 203and General Physics       |                                                      |
| <b>Non-Sequence Science Courses</b> |                                                      |
| ANTH 270                            | Introduction to Biological Anthropology <sup>1</sup> |
| BI 130                              | Introduction to Ecology <sup>1</sup>                 |
| CH 113                              | The Chemistry of Sustainability                      |
| GEOG 141                            | The Natural Environment                              |
| GEOG 181                            | Our Digital Earth                                    |
| ERTH 213                            | Geology of National Parks                            |

<sup>1</sup> These courses cannot be used with the Life Science sequence.

Upper-Division Natural Science Courses

| Code     | Title                                     | Credits |
|----------|-------------------------------------------|---------|
| ANTH 341 | Food Origins                              | 4       |
| ANTH 361 | Human Evolution                           | 4       |
| ANTH 362 | Human Biological Variation                | 4       |
| ANTH 463 | Primate Behavior                          | 4       |
| ANTH 472 | Primate Conservation Biology              | 4       |
| BI 307   | Forest Biology                            | 4       |
| BI 309   | Tropical Diseases in Africa               | 4       |
| BI 330   | Microbiology                              | 3       |
| BI 331   | Microbiology Laboratory                   | 3       |
| BI 357   | Marine Biology                            | 4       |
| BI 359   | Plant Biology                             | 4       |
| BI 370   | Ecology                                   | 5       |
| BI 374   | Conservation Biology                      | 4       |
| BI 380   | Evolution                                 | 4       |
| BI 390   | Animal Behavior                           | 4       |
| BI 395   | Tropical Ecology                          | 4       |
| BI 432   | Mycology                                  | 5       |
| BI 442   | Systematic Botany                         | 5       |
| BI 448   | Field Botany                              | 4       |
| BI 451   | Invertebrate Zoology <sup>1</sup>         | 1-8     |
| BI 452   | Insect Biology                            | 4       |
| BI 454   | Estuarine Biology                         | 5       |
| BI 455   | Marine Birds and Mammals                  | 1-6     |
| BI 457   | Marine Biology: [Topic]                   | 1-8     |
| BI 458   | Biological Oceanography                   | 5       |
| BI 468   | Amphibians and Reptiles of Oregon         | 4       |
| BI 471   | Population Ecology                        | 4       |
| BI 472   | Community Ecology                         | 4       |
| BI 474   | Marine Ecology <sup>1</sup>               | 1-8     |
| BI 476   |                                           | 4       |
| CH 331   | Organic Chemistry I                       | 4       |
| CH 335   | Organic Chemistry II                      | 4       |
| CH 336   | Organic Chemistry III                     | 4       |
| ENVS 350 | Ecological Footprint of Energy Generation | 4       |
| ENVS 465 | Wetland Ecology and Management            | 4       |
| ENVS 477 | Soil Science                              | 4       |
| GEOG 321 | Climatology                               | 4       |
| GEOG 322 | Geomorphology                             | 4       |

|          |                                                          |   |
|----------|----------------------------------------------------------|---|
| GEOG 323 | Biogeography                                             | 4 |
| GEOG 360 | Watershed Science and Policy                             | 4 |
| GEOG 361 | Global Environmental Change                              | 4 |
| GEOG 425 | Hydrology and Water Resources                            | 4 |
| GEOG 427 | Fluvial Geomorphology                                    | 4 |
| GEOG 430 | Long-Term Environmental Change                           | 4 |
| GEOG 433 | Fire and Natural Disturbances                            | 4 |
| GEOG 481 | GIScience I                                              | 4 |
| GEOG 482 | GIScience II                                             | 4 |
| GEOG 485 | Remote Sensing I                                         | 4 |
| GEOG 486 | Remote Sensing II                                        | 4 |
| GEOG 491 | Advanced Geographic Information Systems                  | 4 |
| ERTH 304 | The Fossil Record <sup>2</sup>                           | 4 |
| ERTH 305 | Dinosaurs <sup>2</sup>                                   | 4 |
| ERTH 306 | Volcanoes and Earthquakes <sup>2</sup>                   | 4 |
| ERTH 307 | Oceanography <sup>2</sup>                                | 4 |
| ERTH 308 | Geology of Oregon and the Pacific Northwest <sup>2</sup> | 4 |
| ERTH 310 | Earth Resources and the Environment                      | 4 |
| ERTH 311 | Earth Materials                                          | 5 |
| ERTH 315 | Earth Physics                                            | 4 |
| ERTH 316 | Introduction to Hydrogeology                             | 4 |
| ERTH 331 | Mineralogy                                               | 5 |
| ERTH 332 | Introduction to Petrology                                | 5 |
| ERTH 334 | Sedimentology and Stratigraphy                           | 4 |
| ERTH 350 | Structural Geology                                       | 3 |
| ERTH 353 | Geologic Hazards                                         | 4 |
| ERTH 425 | Geology of Ore Deposits                                  | 5 |
| ERTH 433 | Paleobotany                                              | 4 |
| ERTH 434 | Vertebrate Paleontology                                  | 4 |
| ERTH 435 | Paleopedology                                            | 4 |
| ERTH 438 | Geobiology                                               | 4 |
| ERTH 441 | Hillslope Geomorphology                                  | 4 |
| ERTH 451 | Hydrogeology                                             | 4 |
| ERTH 462 | Environmental Geomechanics                               | 4 |
| ERTH 468 | Introduction to Seismology                               | 4 |
| ERTH 472 | Aqueous-Mineral-Gas Equilibria                           | 4 |
| ERTH 473 | Isotope Geochemistry                                     | 4 |

<sup>1</sup> If 8 credits, then counts as 2 courses.

<sup>2</sup> Only one course of EARTH 30X will apply.

## Upper-Division Social Science, Policy, Humanities, and Design Courses

| Code                                       | Title                                     | Credits |
|--------------------------------------------|-------------------------------------------|---------|
| <b>Social Science - Foundation Courses</b> |                                           |         |
| ENVS 435                                   | Environmental Justice                     | 4       |
| ENVS 450                                   | Political Ecology                         | 4       |
| ENVS 455                                   | Sustainability                            | 4       |
| GEOG 341                                   | Population and Environment                | 4       |
| SOC 416                                    | Issues in Environmental Sociology [Topic] | 4       |
| <b>Social Science - Elective Courses</b>   |                                           |         |
| ANTH 320                                   | Native North Americans                    | 4       |

|          |                                      |   |
|----------|--------------------------------------|---|
| ES 350   | Native Americans and the Environment | 4 |
| GEOG 342 | Geography of Globalization           | 4 |
| GEOG 442 | Urban Geography                      | 4 |
| GEOG 465 | Environment and Development          | 4 |
| GEOG 471 | North American Historical Landscapes | 4 |
| GLBL 420 | Global Community Development         | 4 |
| GLBL 421 | Gender and International Development | 4 |
| GLBL 432 | Indigenous Cultural Survival         | 4 |
| SOC 304  | Community, Environment, and Society  | 4 |
| WGS 331  | Science, Technology, and Gender      | 4 |

### Policy - Foundation Courses

|          |                                           |   |
|----------|-------------------------------------------|---|
| ENVS 335 | Allocating Scarce Environmental Resources | 4 |
| PPPM 443 | Natural Resource Policy                   | 4 |
| PPPM 444 | Environmental Policy                      | 4 |
| PS 367   | Politics, Science, and Climate Change     | 4 |
| PS 477   | International Environmental Politics      | 4 |

### Policy - Elective Courses

|          |                                            |   |
|----------|--------------------------------------------|---|
| EC 330   | Urban and Regional Economic Problems       | 4 |
| EC 333   | Resource and Environmental Economic Issues | 4 |
| EC 434   | Environmental Economics                    | 4 |
| EC 435   | Natural Resource Economics                 | 4 |
| GEOG 467 |                                            | 4 |
| PPPM 331 | Environmental Management                   | 4 |
| PPPM 340 | Climate-Change Policy                      | 4 |
| PPPM 418 | Introduction to Public Law                 | 4 |
| PPPM 438 | Transportation Issues in Planning: [Topic] | 4 |
| PPPM 446 | Socioeconomic Development Planning         | 4 |
| PPPM 480 | Nonprofit Management                       | 4 |

### Humanities - Foundation Courses

|          |                                              |   |
|----------|----------------------------------------------|---|
| ENG 469  | Literature and the Environment: [Topic]      | 4 |
| ENVS 345 | Environmental Ethics                         | 4 |
| HIST 378 | American Environmental History to 1890       | 4 |
| HIST 379 | American Environmental History, 1890-Present | 4 |
| HIST 473 | American Environmental History: [Topic]      | 4 |
| PHIL 340 | Environmental Philosophy                     | 4 |

### Humanities - Elective Courses

|          |                                       |   |
|----------|---------------------------------------|---|
| ENG 325  | Literature of the Northwest           | 4 |
| PHIL 309 | Global Justice                        | 4 |
| PHIL 339 | Introduction to Philosophy of Science | 4 |
| PHIL 345 | Place in the Cosmos                   | 4 |

### Design - Foundation Courses

|          |                               |   |
|----------|-------------------------------|---|
| ARCH 431 | Community Design              | 3 |
| ARCH 435 | Principles of Urban Design    | 4 |
| ENVS 467 | Sustainable Agriculture       | 4 |
| PPPM 442 | Sustainable Urban Development | 4 |
| PPPM 445 | Green Cities                  | 4 |

### Design - Elective Courses

|        |                               |     |
|--------|-------------------------------|-----|
| LA 326 | Plants: Fall                  | 4   |
| LA 337 | Landscape Field Work: [Topic] | 1-4 |

|        |                   |     |
|--------|-------------------|-----|
| LA 390 | Urban Farm        | 2-4 |
| LA 429 | Civic Agriculture | 4   |

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in Environmental Studies (Policy and Social Science Focus)

| Course                                                                                        | Title                                                   | Credits | Milestones |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------|---------|------------|
| First Year                                                                                    |                                                         |         |            |
| Fall                                                                                          |                                                         |         |            |
| ENVS 201                                                                                      | Introduction to Environmental Studies: Social Sciences  | 4       |            |
| WR 121Z                                                                                       | Composition I                                           | 4       |            |
| First term of first-year second-language sequence                                             |                                                         | 4       |            |
| General-education course                                                                      |                                                         | 4       |            |
| Credits                                                                                       |                                                         | 16      |            |
| Winter                                                                                        |                                                         |         |            |
| ENVS 202                                                                                      | Introduction to Environmental Studies: Natural Sciences | 4       |            |
| WR 122Z                                                                                       | Composition II                                          | 4       |            |
| Second term of first-year second-language sequence                                            |                                                         | 4       |            |
| General-education course                                                                      |                                                         | 4       |            |
| Credits                                                                                       |                                                         | 16      |            |
| Spring                                                                                        |                                                         |         |            |
| ENVS 203                                                                                      | Introduction to Environmental Studies: Humanities       | 4       |            |
| Third term of first-year second-language sequence                                             |                                                         | 4       |            |
| MATH 111Z                                                                                     | Precalculus I: Functions                                | 4       |            |
| General-education course that also satisfies international cultures multicultural requirement |                                                         | 4       |            |
| Credits                                                                                       |                                                         | 16      |            |
| Total Credits                                                                                 |                                                         | 48      |            |

| Course                                                                                        | Title                             | Credits | Milestones |
|-----------------------------------------------------------------------------------------------|-----------------------------------|---------|------------|
| Second Year                                                                                   |                                   |         |            |
| Fall                                                                                          |                                   |         |            |
| First term of second-year second-language sequence                                            |                                   | 4       |            |
| ERTH 201                                                                                      | Dynamic Planet Earth              | 4       |            |
| SOC 312                                                                                       | Statistical Analysis in Sociology | 4       |            |
| General-education course                                                                      |                                   | 4       |            |
| Credits                                                                                       |                                   | 16      |            |
| Winter                                                                                        |                                   |         |            |
| Second term of second-year second-language sequence                                           |                                   | 4       |            |
| ERTH 202                                                                                      | Earth's Surface and Environment   | 4       |            |
| General-education course                                                                      |                                   | 4       |            |
| General-education course that also satisfies international cultures multicultural requirement |                                   | 4       |            |
| Credits                                                                                       |                                   | 16      |            |

|                                                    |                 |    |
|----------------------------------------------------|-----------------|----|
| Spring                                             |                 |    |
| Third term of second-year second-language sequence |                 |    |
| ERTH 203                                           | History of Life | 4  |
| General-education courses                          |                 | 8  |
| Credits                                            |                 | 12 |
| Total Credits                                      |                 | 44 |

| Course                                   | Title                                       | Credits | Milestones |
|------------------------------------------|---------------------------------------------|---------|------------|
| Third Year                               |                                             |         |            |
| Fall                                     |                                             |         |            |
| ANTH 170                                 | Introduction to Human Origins               | 4       |            |
| GEOG 341                                 | Population and Environment                  | 4       |            |
| PS 477                                   | International Environmental Politics        | 4       |            |
| General-education course                 |                                             | 4       |            |
| Credits                                  |                                             | 16      |            |
| Winter                                   |                                             |         |            |
| GEOG 321                                 | Climatology                                 | 4       |            |
| LA 440                                   | Introduction to Landscape Planning Analysis | 4       |            |
| PHIL 340                                 | Environmental Philosophy                    | 4       |            |
| Course that satisfies minor requirements |                                             | 4       |            |
| Credits                                  |                                             | 16      |            |
| Spring                                   |                                             |         |            |
| ES 350                                   | Native Americans and the Environment        | 4       |            |
| ERTH 304                                 | The Fossil Record                           | 4       |            |
| Course that satisfies minor requirements |                                             | 4       |            |
| Credits                                  |                                             | 12      |            |
| Total Credits                            |                                             | 44      |            |

| Course                                   | Title                                                        | Credits | Milestones |
|------------------------------------------|--------------------------------------------------------------|---------|------------|
| Fourth Year                              |                                                              |         |            |
| Fall                                     |                                                              |         |            |
| GLBL 425                                 | Global Food Security                                         | 4       |            |
| Course that satisfies minor requirements |                                                              | 4       |            |
| Credits                                  |                                                              | 8       |            |
| Winter                                   |                                                              |         |            |
| ENVS 411                                 | Environmental Issues: [Topic] (Environmental Interpretation) | 4       |            |
| GLBL 446                                 | Development and Social Change in Latin America               | 4       |            |
| Course that satisfies minor requirements |                                                              | 4       |            |
| Credits                                  |                                                              | 12      |            |
| Spring                                   |                                                              |         |            |
| EC 330                                   | Urban and Regional Economic Problems                         | 4       |            |
| ENVS 404                                 | Internship: [Topic]                                          | 1-12    |            |
| Course that satisfies minor requirements |                                                              | 4       |            |
| Credits                                  |                                                              | 9-20    |            |
| Total Credits                            |                                                              | 29-40   |            |

## Bachelor of Science in Environmental Studies (Humanities and Sustainable Design Focus)

| Course               | Title                                                      | Credits   | Milestones |
|----------------------|------------------------------------------------------------|-----------|------------|
| <b>First Year</b>    |                                                            |           |            |
| <b>Fall</b>          |                                                            |           |            |
| ENVS 201             | Introduction to Environmental Studies: Social Sciences     | 4         |            |
| WR 121Z              | Composition I                                              | 4         |            |
|                      | General-education course in arts and letters               | 4         |            |
|                      | Multicultural course in international cultures             | 4         |            |
| <b>Credits</b>       |                                                            | <b>16</b> |            |
| <b>Winter</b>        |                                                            |           |            |
| ENVS 202             | Introduction to Environmental Studies: Natural Sciences    | 4         |            |
| WR 122Z              | Composition II                                             | 4         |            |
|                      | General-education course in social science                 | 4         |            |
|                      | General-education course in arts and letters               | 4         |            |
| <b>Credits</b>       |                                                            | <b>16</b> |            |
| <b>Spring</b>        |                                                            |           |            |
| ENVS 203             | Introduction to Environmental Studies: Humanities          | 4         |            |
| MATH 111Z            | Precalculus I: Functions                                   | 4         |            |
|                      | Multicultural course in identity, pluralism, and tolerance | 4         |            |
|                      | General-education course in arts and letters               | 4         |            |
| <b>Credits</b>       |                                                            | <b>16</b> |            |
| <b>Total Credits</b> |                                                            | <b>48</b> |            |
| <b>Second Year</b>   |                                                            |           |            |
| <b>Fall</b>          |                                                            |           |            |
| CH 111               | Introduction to Chemical Principles                        | 4         |            |
| MATH 112Z            | Precalculus II: Trigonometry                               | 4         |            |
| GEOG 141             | The Natural Environment                                    | 4         |            |
|                      | General-education course in social science                 | 4         |            |
| <b>Credits</b>       |                                                            | <b>16</b> |            |
| <b>Winter</b>        |                                                            |           |            |
| BI 211               | General Biology I: Cells                                   | 5         |            |
|                      | General-education course in arts and letters               | 4         |            |
| STAT 243Z            | Elementary Statistics I                                    | 4         |            |
|                      | Elective course                                            | 4         |            |
| <b>Credits</b>       |                                                            | <b>17</b> |            |
| <b>Spring</b>        |                                                            |           |            |
| BI 213               | General Biology III: Ecology and Evolution                 | 5         |            |
| GEOG 341             | Population and Environment                                 | 4         |            |
| PS 367               | Politics, Science, and Climate Change                      | 4         |            |
|                      | Elective course                                            | 4         |            |
| <b>Credits</b>       |                                                            | <b>17</b> |            |
| <b>Total Credits</b> |                                                            | <b>50</b> |            |

| Course               | Title                                  | Credits   | Milestones |
|----------------------|----------------------------------------|-----------|------------|
| <b>Third Year</b>    |                                        |           |            |
| <b>Fall</b>          |                                        |           |            |
| ENVS 345             | Environmental Ethics                   | 4         |            |
| PPPM 445             | Green Cities                           | 4         |            |
| BI 357               | Marine Biology                         | 4         |            |
|                      | Elective course                        | 4         |            |
| <b>Credits</b>       |                                        | <b>16</b> |            |
| <b>Winter</b>        |                                        |           |            |
| ENG 325              | Literature of the Northwest            | 4         |            |
| LA 390               | Urban Farm                             | 4         |            |
| BI 307               | Forest Biology                         | 4         |            |
|                      | Elective course                        | 4         |            |
| <b>Credits</b>       |                                        | <b>16</b> |            |
| <b>Spring</b>        |                                        |           |            |
| HIST 378             | American Environmental History to 1890 | 4         |            |
| ENVS 467             | Sustainable Agriculture                | 4         |            |
|                      | Elective courses                       | 8         |            |
| <b>Credits</b>       |                                        | <b>16</b> |            |
| <b>Total Credits</b> |                                        | <b>48</b> |            |

| Course               | Title                         | Credits   | Milestones |
|----------------------|-------------------------------|-----------|------------|
| <b>Fourth Year</b>   |                               |           |            |
| <b>Fall</b>          |                               |           |            |
| ENVS 411             | Environmental Issues: [Topic] | 4         |            |
| PHIL 309             | Global Justice                | 4         |            |
|                      | Elective course               | 4         |            |
| <b>Credits</b>       |                               | <b>12</b> |            |
| <b>Winter</b>        |                               |           |            |
| ARCH 436             | Theory of Urban Design I      | 3         |            |
|                      | Elective courses              | 8         |            |
| <b>Credits</b>       |                               | <b>11</b> |            |
| <b>Spring</b>        |                               |           |            |
| ENVS 404             | Internship: [Topic]           | 4         |            |
|                      | Elective courses              | 8         |            |
| <b>Credits</b>       |                               | <b>12</b> |            |
| <b>Total Credits</b> |                               | <b>35</b> |            |

## Environmental Studies Minor

The Environmental Studies Minor is strongly interdisciplinary, with a particular focus on social sciences, policy studies, environmental design, and the humanities, while also providing a foundation in the natural sciences.

### Environmental Studies Minor

The interdisciplinary minor in environmental studies includes three lower-division courses and five upper-division elective courses for a minimum of 32 credits. Courses applied to the minor must be taken for letter grades and passed with grades of C– or better. At least 16 of the 32 credits must be taken at the University of Oregon. No more than 8 upper-division credits from the major may be applied to minor requirements. With the advisor's consent, an environmental issues course and a practical



learning experience may be substituted for one of the elective courses. Students may also submit a petition to their advisor to substitute one upper-division course for one of the required lower-division courses.

| Code                                                                        | Title                                                   | Credits   |
|-----------------------------------------------------------------------------|---------------------------------------------------------|-----------|
| <b>Required Courses</b>                                                     |                                                         |           |
| ENVS 201                                                                    | Introduction to Environmental Studies: Social Sciences  | 4         |
| ENVS 202                                                                    | Introduction to Environmental Studies: Natural Sciences | 4         |
| ENVS 203                                                                    | Introduction to Environmental Studies: Humanities       | 4         |
| <b>Advanced Course Requirements</b>                                         |                                                         |           |
| One upper-division natural science course from the major requirements sheet |                                                         | 4         |
| Four electives from areas of social science, policy, humanities, or design  |                                                         | 16        |
| <b>Total Credits</b>                                                        |                                                         | <b>32</b> |

## Environmental Humanities Minor

The minor in environmental humanities (EH) complements environmental science and policy with a focus on cultural expression and analysis. EH is an interdisciplinary field of study, where students learn environmental history, storytelling, critical thinking, philosophy, and the arts. In EH, we understand that ecological well-being relies on cultural solutions as well as scientific and technical ones.

EH students can explore international approaches to sustainable living, including philosophies and lifeways of the global south and of Indigenous nations worldwide. EH embraces the arts as a means of storytelling and advocating for environmental health, and it embraces philosophy and history as means of better knowing where we are and how we might best live as humans in a changing climate. This is a minor that works well with science and technology majors, to help students cultivate a broad cultural vision, imagination, and vocabulary for change.

### Minor in Environmental Humanities

| Code                          | Title                                             | Credits |
|-------------------------------|---------------------------------------------------|---------|
| ENVS 203                      | Introduction to Environmental Studies: Humanities | 4       |
| <b>Electives</b> <sup>1</sup> |                                                   |         |
| Lower Division Electives:     |                                                   | 4       |
| ENG 230                       | Introduction to Environmental Literature          |         |
| HIST 215                      | Food in World History                             |         |
| HIST 273                      | Introduction to Global Environmental History      |         |
| GLBL 280                      | Global Environmental Issues and Alternatives      |         |
| LAW 201                       | Introduction to Environmental Law and Policy      |         |
| Upper Division Electives:     |                                                   | 16      |
| ARH 410                       | Experimental Course: [Topic]                      |         |
| ARH 399                       | Special Studies: [Topic]                          |         |
| ENG 325                       | Literature of the Northwest                       |         |
| ENG 469                       | Literature and the Environment: [Topic]           |         |
| ENVS 345                      | Environmental Ethics                              |         |

|                      |                                         |           |
|----------------------|-----------------------------------------|-----------|
| ENVS 429             | Environmental Leadership: [Topic]       |           |
| ENVS 435             | Environmental Justice                   |           |
| ES 350               | Native Americans and the Environment    |           |
| ES 354               | Environmental Racism                    |           |
| GEOG 343             | Society, Culture, and Place             |           |
| GEOG 410             | Experimental Course: [Topic]            |           |
| GEOG 461             |                                         |           |
| GER 357              | Nature, Culture, and the Environment    |           |
| HIST 378             | American Environmental History to 1890  |           |
| HIST 467             | The American West                       |           |
| HIST 468             | The Pacific Northwest                   |           |
| HIST 473             | American Environmental History: [Topic] |           |
| PHIL 339             | Introduction to Philosophy of Science   |           |
| PHIL 340             | Environmental Philosophy                |           |
| WGS 331              | Science, Technology, and Gender         |           |
| WGS 432              | Gender, Environment, and Development    |           |
| <b>Total Credits</b> |                                         | <b>24</b> |

<sup>1</sup> Undergraduate students must take 24 credit hours, 20 of which come from an approved list of electives (listed below). Students must take ENVS 203, Introduction to Environmental Studies: Humanities, for a maximum of 4 credit hours. No more than two courses for the Environmental Humanities minor may have the same subject code with the exception of ENVS, which can be two courses beyond the required ENVS 203. All courses must be at the 200-level or above.

All upper-division courses for the minor must be taken in residency at UO. Up to 4 lower-division credits may be taken elsewhere, with the approval of academic and career advisors in Tykeson Hall.

## Environmental Studies (MA/MS)

Our master's program in Environmental Studies offers a unique opportunity to pursue interdisciplinary study of environmental topics and issues. Each student designs an individualized curriculum responsive to their educational and career goals. The degree typically takes two years to complete.

Students who succeed in our program typically are self-starters, have academic and/or work experience that has given them a foundation of skills and led them to specific goals for their graduate program, and are collaborative and like working with others.

Specific learning outcomes vary depending on individual course plans and courses, but we identify the items below as overlapping fundamentals for learning outcomes:

### Program Learning Outcomes

- Upon successful completion of this program, students will be able to:
- Gain an interdisciplinary perspective of the fields of studies and how they can be used to address environmental research.
  - Familiarize themselves with the research methods available within and across disciplines, and to acquire competent, demonstrable, and autonomous research skills in their specializations.
  - Discuss a relevant body of scholarly literature fluently and to generate compelling research questions.

- Identify or develop, and to apply, rigorous research methods in an independent investigation of a problem of contemporary environmental importance.
- Develop concrete skills in professional writing and scholarly communications in order to present and disseminate research results in compelling, appropriate formats.
- Accumulate knowledge and prepare themselves for job markets of their preferred fields, such as by gaining experience and skills in pedagogy and teaching for Ph.D. students seeking academic careers.
- Be engaged in fostering communication and collaboration between departments, colleges, and the university as a whole.

## Environmental Studies Requirements

Students who wish to obtain a master of arts degree instead of the master of science must demonstrate proficiency in a second language.

| Code                 | Title                                                     | Credits   |
|----------------------|-----------------------------------------------------------|-----------|
|                      | Environmental studies graduate core sequence <sup>1</sup> | 9         |
|                      | Concentration area course work <sup>2</sup>               | 24        |
|                      | Electives                                                 | 12        |
|                      | Thesis or terminal project <sup>3</sup>                   | 12        |
| <b>Total Credits</b> |                                                           | <b>57</b> |

<sup>1</sup> First year.

<sup>2</sup> Graduate-level courses related to environmental studies in each of two 12-credit concentration areas.

<sup>3</sup> Public defense or presentation required.

## Environmental Sciences, Studies, and Policy (PhD)

The interdisciplinary PhD degree is offered by the Environmental Studies Program under the umbrella of the Joint-Campus Graduate Program in Environmental Sciences, Studies, and Policy, established by Oregon State University, Portland State University, and the University of Oregon.

The environmental sciences, studies, and policy program takes four or more years of study after earning the master's degree.

### Admissions Procedure

Admission to the PhD program must be granted by the Environmental Studies Program and approved by the focal department—another University of Oregon academic unit, chosen by the applicant, that offers a PhD degree. Applications are reviewed independently by the admissions committee in the Environmental Studies Program and in the focal department. Both committees must approve the application before the applicant can be accepted into the program. The online application must be completed and submitted by December 1 for the following fall admission.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of core environmental studies knowledge and knowledge of specific disciplinary fields as relevant to their specific focal area (e.g. English-ENVS students will have mastery of core English field).

- Be proficient in interdisciplinary methods and approaches of environmental studies regarding research, analysis, and communication.
- Demonstrate independent scientific thinking and advancement of knowledge within the interdisciplinary environmental studies field.
- Demonstrate skills of professional engagement including oral and written communication (e.g. skills for conference presentations, journal publication, grant writing).
- Understand career practices and professional standards and responsibilities in environmental studies, including ethical issues with regard to research and publication.

## Doctor of Philosophy Degree in Environmental Sciences, Studies, and Policy Requirements

| Code     | Title                                                   | Credits |
|----------|---------------------------------------------------------|---------|
|          | Focal department course work <sup>1</sup>               |         |
|          | Environmental studies course work <sup>2</sup>          | 32      |
|          | Focal department assessment of competence <sup>3</sup>  |         |
|          | Interdisciplinary assessment of competence <sup>3</sup> |         |
|          | Dissertation:                                           | 18      |
| ENVS 603 | Dissertation                                            |         |

<sup>1</sup> Completion of graduate course work as established by the focal department, which includes basic graduate-level proficiency in research methods appropriate to the designated focal discipline.

<sup>2</sup> Courses taken in departments or programs outside the focal department. First-year students participate in a sequence of courses required of all incoming environmental studies graduate students.

<sup>3</sup> The term "assessment of competence" is used in lieu of "comprehensive examination" in recognition of the different ways in which departments engage in such assessments.

PhD students must satisfy breadth and concentration requirements established by the Environmental Studies Program and the focal department. Working with an advisory committee, each student customizes a plan of action for completion of the degree.

Requirements may vary depending on the chosen focal department. In addition to the course work, candidates are required to complete and defend a written dissertation and receive approval of the dissertation by a committee chosen in accordance with Division of Graduate Studies regulations. The committee must have at least five members. The chair and two additional members must be from the focal department. At least three members of the committee must be participants in the Environmental Studies Program.

## Graduate Courses

Graduate students typically choose courses that contribute to their individual environmental focus from the Departments of Anthropology; Architecture; Biology; Chemistry and Biochemistry; Earth Sciences; Economics; English; Geography; History; Landscape Architecture; Philosophy; Physics; Planning, Public Policy and Management; Political Science; Psychology; and Sociology; from the International Studies Program; from the School of Law; and others. Consult the individual department listings in this catalog for course descriptions.

## Environmental Humanities Graduate Certificate

The field of the Environmental Humanities is inherently interdisciplinary, drawing on the humanities disciplines of history, literature, philosophy, art and architectural history, theater arts, and the humanistic social sciences (anthropology, historical and cultural geography, sociology). The purpose of this certificate is to encourage students to deepen and broaden their understanding of the Environmental Humanities by sampling from a variety of disciplines that focus on the interactions between humans and the natural environment. Students will gain a deeper understanding of these interactions by studying the environment from a variety of humanistic perspectives.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Gain an interdisciplinary understanding of the Environmental Humanities, beyond the students' major discipline.
- Demonstrate an understanding of how other disciplines within the Environmental Humanities can illuminate one's own discipline through a public-facing creative project that brings together least two disciplinary perspectives on an issue or problem.
- Learn to translate humanities scholarship to general audiences through interdisciplinary, public-facing creative projects.
- Provide professional credentials for students interested in pursuing work in the Environmental Humanities.

### Graduate Certificate in Environmental Humanities

The field of the Environmental Humanities is inherently interdisciplinary, drawing on the humanities disciplines of history, literature, philosophy, art and architectural history, theater arts, and the humanistic social sciences (anthropology, historical and cultural geography, sociology). The purpose of this certificate is to encourage students to deepen and broaden their understanding of the Environmental Humanities by sampling from a variety of disciplines that focus on the interactions between humans and the natural environment. Students will gain a deeper understanding of these interactions by studying the environment from a variety of humanistic perspectives.

| Code                          | Title                                   | Credits |
|-------------------------------|-----------------------------------------|---------|
| Elective Courses <sup>1</sup> |                                         | 24      |
| ARH 510                       | Experimental Course: [Topic]            |         |
| ARH 607                       | Seminar: [Topic]                        |         |
| ENG 569                       | Literature and the Environment: [Topic] |         |
| ENG 607                       | Seminar: [Topic]                        |         |
| ENG 660                       | American Literature: [Topic]            |         |
| ENVS 535                      | Environmental Justice                   |         |
| ENVS 550                      | Political Ecology                       |         |
| ENVS 604                      | Internship: [Topic]                     |         |
| GEOG 510                      | Experimental Course: [Topic]            |         |
| GEOG 565                      | Environment and Development             |         |
| GEOG 607                      | Seminar: [Topic]                        |         |
| HIST 566                      | The American West                       |         |
| HIST 568                      | The Pacific Northwest                   |         |
| HIST 573                      | American Environmental History: [Topic] |         |

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| HIST 608                       | Workshop: [Topic]                                    |
| PHIL 607                       | Seminar: [Topic]                                     |
| PHIL 645                       | Environmental Philosophy: [Topic]                    |
| SOC 516                        | Issues in Environmental Sociology [Topic]            |
| SOC 616                        | Environment and Resource Issues: [Topic]             |
| TA 571                         | Studies in Theater and Culture: [Topic]              |
| TA 572                         | Multicultural Theater: [Topic]                       |
| TA 607                         | Seminar: [Topic]                                     |
| Methods Electives <sup>2</sup> |                                                      |
| ANTH 611                       | Ethnographic Research: Epistemology, Methods, Ethics |
| ENG 570                        | Technologies and Texts Capstone                      |
| GEOG 581                       | GIScience I                                          |
| Terminal Project <sup>3</sup>  |                                                      |
| ENVS 609                       | Terminal Project                                     |

<sup>1</sup> No more than two courses with the same subject code.

<sup>2</sup> One of these courses may be taken as part of the 24 credit hours of electives, subject to the limitation on more than two courses with the same subject code.

<sup>3</sup> Up to 4 credit hours may be taken as part of the 24 credit hours of electives. This course is not subject to the limitation on more than two courses with the same subject code.

Graduate students must take 24 credit hours from an approved list of courses. No more than two of those courses may have the same subject code (with the exception of ENVS 609), and only one course can come from the Methods Elective courses list. All courses must be at the 500 level or above. There are no required courses. However, students must produce and successfully present a public-facing creative project that draws on two or more disciplines, in consultation with a project advisor from each discipline. Students may elect to take up to 4 credit hours of ENVS 609 Terminal Project as part of their required credit hours, in addition to up to two courses with the ENVS subject code.

16 hours must be earned "in residence" at UO.

## European Studies

### Craig Parsons, Program Director

114 Friendly Hall

541-346-4402

cap@uoregon.edu

The Minor in European Studies allows undergraduates to incorporate, within any other major program, an increased international perspective in their work with a special focus on an understanding of Europe's identity and role in the world. See the requirements section of the web site for more information. Click here for an advising form.

### Mission

The European Studies Program is a pedagogical community and research forum for students and scholars at the UO interested in Europe. This program combines the strengths of faculty in the humanities, social sciences, business, law and science to study the current developments in Europe. Our program distinguishes itself from other European Studies programs by its very broad interdisciplinary approach, combining not just the social sciences-principally history, geography, and political science-but other disciplines as well. Our attention to the contemporary situation

is enriched by a deep sense of history extending back even to classical antiquity. We believe that in the European Union we have the opportunity to study the progress of a great social experiment in all its lived reality, and that our students will be able to consider the interaction of the full range of human forces coming to create 21st century Europe.

## European Studies Affiliated Faculty

James Conran, Political Science

Patricia Dewey Lambert, School of Planning, Public Policy and Management

Alexander Dracoby, History

D. Gantt Gurley, German and Scandinavian

Gina Herrmann, Romance Languages

Nathalie Hester, Romance Languages (chair)

Katya Hokanson, Comparative Literature

Vera Keller, History

Martin Klebes, German and Scandinavian

Peter D. Laufer, Journalism and Communication

Jeffrey S. Librett, German and Scandinavian

David M. Luebke, History

Scott R. Maier, Journalism and Communication

Ian F. McNeely, History

Fabienne Moore, Romance Languages

Alexander B. Murphy, Geography

Bryce Newell, Journalism and Communication

Craig Parsons, Political Science

Jenifer Presto, Comparative Literature

Michael Stern, German and Scandinavian

Matthias Vogel, German and Scandinavian

## Minor in European Studies

To earn a minor, a student must complete 24 credits in addition to a paper or project on a European topic and two to three years of a European language other than English, as described below. Of the 24 credits of core and elective courses, a minimum of 16 credits must be upper division. Courses taken to fulfill the language requirement may not be used to fulfill the 24-credit requirement.

The courses that satisfy the minor are distributed as follows: two core courses, four elective courses, and two to three years of a European foreign language. Core and elective courses applied to the minor must be taken for letter grades and passed with grades of C– or better.

| Code                             | Title               | Credits |
|----------------------------------|---------------------|---------|
| <b>Core Courses</b> <sup>1</sup> |                     |         |
| GEOG 202                         | Geography of Europe | 4       |

|                                          |                                                |          |
|------------------------------------------|------------------------------------------------|----------|
| HIST 420                                 | 2                                              | 4        |
| or RL 407                                | Seminar: [Topic]                               |          |
| <b>Humanities Electives</b> <sup>3</sup> |                                                | <b>8</b> |
| ARH 204                                  | History of Western Art I                       |          |
| ARH 205                                  | History of Western Art II                      |          |
| ARH 206                                  | History of Western Art III                     |          |
| ARH 314                                  | History of World Architecture I                |          |
| ARH 315                                  | History of World Architecture II               |          |
| CLAS 301                                 | Greek and Roman Epic                           |          |
| CLAS 302                                 | Greek and Roman Tragedy                        |          |
| CLAS 303                                 | Classical Greek Philosophers                   |          |
| ENG 423                                  | The Age of Beowulf                             |          |
| FR 301                                   | La France contemporaine                        |          |
| FR 317                                   | French Survey: Medieval and Renaissance        |          |
| FR 318                                   | Monarchy, Liberty, Revolution                  |          |
| FR 319                                   | French Survey: 19th and 20th Centuries         |          |
| FR 330                                   | French Poetry                                  |          |
| FR 331                                   | French Theater                                 |          |
| FR 333                                   | French Narrative                               |          |
| FR 460                                   | 18th-Century Literature: [Topic]               |          |
| GER 220M                                 | From Kierkegaard to Kafka                      |          |
| GER 221                                  | Postwar Germany: Nation Divided                |          |
| GER 222                                  | Voices of Dissent in Germany                   |          |
| GER 251                                  | Sexuality                                      |          |
| GER 252                                  | War, Violence, Trauma                          |          |
| GER 280M                                 | The Quality of Life in Germany and Scandinavia |          |
| GER 355                                  | German Cinema: History, Theory, Practice       |          |
| GER 399                                  | Special Studies: [Topic]                       |          |
| HIST 427                                 | Intellectual History of Modern Europe: [Topic] |          |
| HUM 101                                  | Introduction to the Humanities I               |          |
| HUM 102                                  | Introduction to the Humanities II              |          |
| HUM 103                                  | Introduction to the Humanities III             |          |
| HUM 260                                  | Postwar European Culture                       |          |
| ITAL 301                                 | Cultura e lingua: l'Italia contemporanea       |          |
| ITAL 303                                 | Cultura e lingua: societa, economia, politica  |          |
| ITAL 305                                 | Cultura e lingua: arte, musica, i mass media   |          |
| ITAL 317                                 | Italian Survey: Medieval and Renaissance       |          |
| ITAL 318                                 | Italian Survey: Baroque and Enlightenment      |          |
| ITAL 319                                 | Italian Survey: 19th and 20th Centuries        |          |
| ITAL 449                                 | Humanism and the Renaissance                   |          |
| JDST 213                                 | The Jewish Encounter with Modernity            |          |
| MUS 267                                  | History of Music 800 to 1600                   |          |
| MUS 268                                  | Survey of Music History 1600 to 1800           |          |
| MUS 269                                  | Survey of Music History 1800 to Present        |          |
| PHIL 310                                 | History of Philosophy: Ancient and Medieval    |          |
| PHIL 311                                 | History of Philosophy: Modern                  |          |
| PHIL 312                                 | History of Philosophy: 19th Century            |          |
| PHIL 415                                 | Continental Philosophy: [Topic]                |          |
| PHIL 463                                 | 20th-Century Philosophers: [Topic]             |          |

|                                                                |                                                |           |
|----------------------------------------------------------------|------------------------------------------------|-----------|
| REL 321                                                        | History of Christianity                        |           |
| REL 322                                                        | History of Christianity                        |           |
| RUSS 240                                                       | Russian Culture                                |           |
| RUSS 351                                                       | Russian Literature and Film                    |           |
| RUSS 399                                                       | Special Studies: [Topic]                       |           |
| SCAN 280M                                                      | The Quality of Life in Germany and Scandinavia |           |
| SCAN 315                                                       | Nordic Cinema                                  |           |
| SCAN 325                                                       | Constructions versus Constrictions of Identity |           |
| <b>Social Science Electives</b> <sup>3,4</sup>                 |                                                | <b>8</b>  |
| ANTH 429                                                       | Jewish Folklore and Ethnology                  |           |
| ANTH 430                                                       | Balkan Society and Folklore                    |           |
| EC 380                                                         | International Economic Issues                  |           |
| EURO 415                                                       | European Union History                         |           |
| GEOG 441                                                       | Political Geography                            |           |
| GLBL 443                                                       |                                                |           |
| HIST 301                                                       | Modern Europe                                  |           |
| HIST 302                                                       | Modern Europe                                  |           |
| HIST 303                                                       | Modern Europe                                  |           |
| HIST 319                                                       |                                                |           |
| HIST 320                                                       | High Middle Ages in Europe                     |           |
| HIST 321                                                       | Late Middle Ages in Europe                     |           |
| HIST 342                                                       | German History: [Topic]                        |           |
| HIST 347                                                       | Soviet Union and Contemporary Russia           |           |
| HIST 361                                                       | Early Modern Science                           |           |
| HIST 412                                                       | Ancient Greece: [Topic]                        |           |
| HIST 414                                                       | Ancient Rome: [Topic]                          |           |
| HIST 415                                                       | Advanced World History: [Topic]                |           |
| HIST 425                                                       |                                                |           |
| HIST 428                                                       | Europe in the 20th Century: [Topic]            |           |
| HIST 444                                                       | The Holocaust                                  |           |
| PS 324                                                         | European Politics                              |           |
| PS 475                                                         | Politics of the European Union                 |           |
| <b>Foreign Language Requirement</b>                            |                                                |           |
| Two to three years of a European foreign language <sup>5</sup> |                                                |           |
| <b>Total Credits</b>                                           |                                                | <b>24</b> |

<sup>1</sup> At least three of the six courses taken to satisfy core and elective course requirements must be taken outside the student's major. With the advisor's approval, exceptions can be made for double majors and for certain interdisciplinary majors, especially global studies and humanities.

<sup>2</sup> Sixteen of the 24 credits of core and elective courses must be at the upper-division level.

<sup>3</sup> Courses preapproved are listed on the program website. Substitutions may be made only with the approval of the student's advisor. At least 4 credits of the humanities electives must be at the 400 level, and at least 4 credits of the social sciences electives must be at the 400 level.

<sup>4</sup> At least one course must be a non-HIST course.

<sup>5</sup> For BA students, at least three years of college study of a European language other than English is required. For BS students majoring in science, studying for a bachelor of architecture, or majoring in subjects outside the social sciences and humanities, two years of college-level study of a European language other than English is required.

Students seeking to qualify for a minor should, as early as possible, consult the program director, who will assign the student an advisor. Developing the plan for elective courses with the advisor's help ensures that the courses selected satisfy the minor requirements.

No later than two terms before graduation, the student must notify the advisor of intent to graduate for verification of European studies course work and transcript evaluation. The student must also indicate the European studies minor on the application for graduation. Students must complete major requirements for an undergraduate degree in another department or school of the university.

## Significant Paper or Project

A research paper on a topic appropriate to the student's interests is the final requirement. Many EURO minors complete this requirement in the Idea of Europe seminar. For students majoring in disciplines such as music, theater, or the fine arts, a project that draws on these crafts may be substituted for the research paper. The paper or project requirement may be satisfied by work done in the student's major, such as a seminar paper, as long as the content of the paper or project is focused primarily on Europe. The requirement may also be satisfied by a paper done for any of the courses listed below. Students who want to satisfy the requirement in this way must notify the instructor of their intention at the outset of the term so that the instructor can evaluate the paper with this intent in mind. The requirement may also be satisfied by a research paper done under the supervision of a professor in any field for 3 graded credits, such as a paper for Thesis (403). The instructor's agreement to supervise must be obtained in advance, and the 403 subject code may be either in that instructor's department or Thesis (EURO 403).

## Food Studies

### Hannah Cutting-Jones, Director of Food Studies

412 Friendly Hall

530-327-8479

hcutting@uoregon.edu

### School of Global Studies and Languages

114 Friendly Hall

541-346-9780

gslundergrad@uoregon.edu (gsl@uoregon.edu)

gslgrad@uoregon.edu (gsl@uoregon.edu)

Food is central to human life. It is therefore no surprise that the research interests of faculty and students across a wide range of disciplines relate to food in some way. In the social sciences and humanities, for example, scholars examine issues including food access and affordability as well as the cultural significance and representation of food and agriculture. In the natural and applied sciences, researchers explore the biological and ecological dimensions of food systems and food-related health issues. For decades, scholars working in these various fields have highlighted important aspects of food's key position in the human experience over time and across space. Too often though, these streams of inquiry have stayed relatively isolated from one another.



The UO Food Studies Program developed out of a growing recognition that an integrated perspective on food matters is vital to developing fuller understandings of complex food-related issues. Food Studies brings the power of an interdisciplinary approach to widely varied food themes and topics. Such an approach is more than the sum of its disciplinary parts; it provides new insights into the ways in which food mediates social, political, environmental, cultural and economic processes.

Food Studies minors and graduate students are learning about and investigating both global and local food systems, sustainability, and the impacts of climate change on food. Students interact with programs and schools across (and beyond) the university, including the Law School, School of Education, School of Business, the Native American and Indigenous Studies program, and Study Abroad offerings in Italy and Greece.

## Food Studies Affiliated Faculty

David Meek, assistant professor (food sovereignty, popular education, India and Brazil). BA, 2004, Bard College; MSc, 2007, Antioch, New England; PhD, 2014, Georgia. (2018)

Erin McKenna, professor (feminist theory, American pragmatism). BA, 1987, Claremont McKenna College; MA, 1990, PhD, 1992, Purdue. (2016)

Galen Martin, senior instructor II (environmental and cultural geography, global food security, Latin America). AA, 1977, Hesston College; BA, 1980, Goshen College; MA, 1985, Oregon; PhD, 2003, California, Davis. (1998)

Hannah Cutting-Jones, instructor (food studies, history of food, pacific history, colonialism, protein). BA, 1997; MA, 1998, Brown University; PhD, 2018, University of Auckland.

Harper Keeler, instructor (civic agriculture, landscape biodynamics, urban farm director). BLA, 1995; MLA 2011, Oregon. (2010)

Julie Hessler, Associate Professor (20th-century Russia, Europe). BA, 1988, Yale; MA, 1989, PhD, 1996, Chicago. (1995)

Mary K. Jaeger, professor (Latin literature, historiography, food in antiquity). BA, 1982, Gustavus Adolphus; MA, 1984, PhD, 1990, California, Berkeley. (1990)

Michelle Scalise Sugiyama, senior instructor 1, BA, 1985, San Diego State, MA, 1988, PhD, 1997 California Santa Barbara. (2015)

Sarah Stapleton, assistant professor (food and environmental justice, social contexts of science and environmental education). BA, 2001, Sweet Briar College; EdM, 2005, Harvard; PhD, 2015, Michigan State. (2015)

Stephen R. Wooten, associate professor (local-global dynamics, food studies, Africa). BA, 1986, Massachusetts, Amherst; MA, 1993, PhD, 1997, Illinois, Urbana-Champaign. (1999)

## Undergraduate Program

### Minor

- Food Studies (p. 333)

## Graduate Program

### Specialization

- Food Studies (p. 334)

## Food Studies Minor

The minor in food studies gives students the opportunity to learn more about food and its central place in the human experience. Students take courses in a wide variety of disciplines, such as anthropology, history, environmental science, and human physiology. They also gain practical experience outside the classroom. Because food itself plays such a central role in the life and well-being of communities, the food studies minor promotes students' civic engagement.

### Program's Admission Requirements

Please visit the program's website (<https://foodstudies.uoregon.edu/people/undergraduate-minor-in-food-studies/>).

### Minor in Food Studies

| Code                        | Title                                            | Credits   |
|-----------------------------|--------------------------------------------------|-----------|
| <b>Foundational Courses</b> |                                                  |           |
| ENVS 225                    | Introduction to Food Studies                     | 4         |
| ANTH 220                    | Introduction to Nutritional Anthropology         | 4         |
| or ANTH 248                 | Archaeology of Wild Foods                        |           |
| or HPHY 105                 | Principles of Nutrition                          |           |
| HIST 215                    | Food in World History                            | 4         |
| or HUM 245                  | Food, Art, and Literature                        |           |
| or PHIL 220                 | Food Ethics                                      |           |
| <b>Elective Courses</b>     |                                                  | <b>8</b>  |
| ANTH 110                    | Introduction to Traditional Ecological Knowledge |           |
| ANTH 248                    | Archaeology of Wild Foods                        |           |
| ANTH 329                    | Immigration and Farmworkers                      |           |
| ANTH 330                    | Hunters and Gatherers                            |           |
| ANTH 341                    | Food Origins                                     |           |
| ANTH 365                    | Food and Culture                                 |           |
| ITAL 306                    | La cultura culinaria                             |           |
| LA 390                      | Urban Farm                                       |           |
| RL 151                      | Mediterranean Foodways                           |           |
| <b>Capstone Seminar</b>     |                                                  | <b>4</b>  |
| ASIA 425                    | Asian Foodways                                   |           |
| EDST 450                    | Food and Schools                                 |           |
| ENVS 467                    | Sustainable Agriculture                          |           |
| FLR 415                     | Folklore and Foodways                            |           |
| GEOG 468                    | Contemporary Food Systems                        |           |
| LA 429                      | Civic Agriculture                                |           |
| SOC 416                     | Issues in Environmental Sociology [Topic]        |           |
| <b>Total Credits</b>        |                                                  | <b>24</b> |

### Additional Requirements

- The minor requires 24 graded credits (6 courses) from approved courses, at least twelve of which must be upper-division courses.
- Letter grades of C- or better must be earned in all courses applied to the minor.

- Students can count up to two upper-division courses from their major department.
- Students are required to take at least one 400-level course or capstone seminar.
- No more than three courses with the same subject heading will count for the minor (including ENVS).
- Food-related UO Study Abroad courses apply to the minor. Programs | Global Education Oregon (uoregon.edu) (<https://geo.uoregon.edu/programs/>)

## Food Studies Graduate Specialization

Food is central to human life. It is therefore no surprise that the research interests of faculty and students across a wide range of disciplines relate to food in some way. In the social sciences and humanities, for example, scholars examine issues including food access and affordability as well as the cultural significance and representation of food and agriculture. In the natural and applied sciences, researchers explore the biological and ecological dimensions of food systems and food-related health issues. For decades, scholars working in these various fields have highlighted important aspects of food's key position in the human experience over time and across space. Too often though, these streams of inquiry have stayed relatively isolated from one another.

The UO Food Studies Program developed out of a growing recognition that an integrated perspective on food matters is vital to developing fuller understandings of complex food-related issues. Food Studies brings the power of an interdisciplinary approach to widely varied food themes and topics. Such an approach is more than the sum of its disciplinary parts; it provides new insights into the ways in which food mediates social, political, environmental, cultural and economic processes.

### Graduate Specialization in Food Studies

This 18-credit interdisciplinary graduate specialization track is open to all UO graduate students. By combining the food studies specialization with their primary degree, students can enhance their education and future marketability. The specialization offers a coherent structure that allows students to develop a richer intellectual foundation than would be possible or practical outside the program. The specialization also is designed to enrich the qualifications of Master's and doctoral students, whether they have academic or community-based work aspirations.

| Code                             | Title                                                                           | Credits |
|----------------------------------|---------------------------------------------------------------------------------|---------|
| ENVS 607                         | Seminar: [Topic] (Food Matters: Interdisciplinary Perspectives in Food Studies) | 4       |
| Breadth Requirement <sup>1</sup> |                                                                                 | 8       |
| Praxis/Internship Experience     |                                                                                 | 4       |
| Colloquium Participation         |                                                                                 | 2       |
| Total Credits                    |                                                                                 | 18      |

## General Social Sciences

**Jamie Bufalino, Program Director**  
275 McKenzie Hall  
541-346-4802  
[gensocialsciences@uoregon.edu](mailto:gensocialsciences@uoregon.edu)

## Undergraduate Programs

### Major - Bachelor's Degree

- General Social Sciences (BA/BS) (p. 334)

### Minors

- Commerce and Society (p. 342)

## General Social Sciences (BA/BS)

General social sciences is a multidisciplinary, undergraduate program that prepares students for success in an interconnected global environment. GSS majors learn how analyze social issues using research and critical thinking. They also develop innovative problem-solving skills, which are applicable towards professional fields like business, government, law, and education. The GSS curriculum provides flexibility in both class schedules and coursework. This allows students to tailor their educations according to their interests, and to balance multiple academic or personal pursuits in their lives.

### Applied Economics, Business, and Society (p. 335)

This concentration combines technical training in business with the analytical training of the liberal arts. It draws heavily from courses in the business college and the economics department to offer specific business skills while exploring how business functions in society, on the national level, and in the global context. This concentration is designed specifically for students who plan to work in business or to pursue a master of business administration degree.

### Crime, Law, and Society (p. 335)

This concentration provides broad exposure to problems that confront society on the causes and consequences of, and policies on, crime, offering preparation for students with an interest in criminology, law practice, law enforcement, or social services.

### Globalization, Environment, and Policy (p. 336)

This concentration focuses on broad social-political and environmental issues at the regional, national, and global levels, as well as the policy planning required to meet these issues within an interdisciplinary context. The globalization concentration provides training for students planning to work in green industry, government, NGOs, and environmental organizations. In addition, the concentration prepares students to earn graduate degrees in planning, public management, policy studies, or other applied social sciences with a global emphasis.

### Social Studies Teaching (p. 337)

This concentration prepares students with the course requirements for admission to the graduate teacher licensure program at the University of Oregon—UO Teach. This concentration does not, in and of itself, lead to a teaching license; rather, it provides a well-defined content so that students are prepared to enroll in a graduate program to become licensed to teach social studies at the middle or high school level.

General social science majors are encouraged to consult with their advisors at least once a year to ensure their remaining course work is structured to meet all the requirements for the major. Students should notify the General Social Science Program office of their intention to graduate at least one term before the proposed graduation date.

General Social Sciences is a multidisciplinary, undergraduate program that prepares students for success in an interconnected global environment. GSS majors learn how to analyze social issues. GSS majors take courses on specific social topics from a variety of disciplinary perspectives. Students can also earn course credit for internships in their desired fields. The curriculum is divided into 4 distinct concentrations:

- Applied Economics, Business and Society (AEBS)
- Crime, Law, and Society (CLS)
- Globalization, Environment, and Policy (GEP)
- Social Science Teaching (SST)

Like many disciplines in the liberal arts, the General Social Sciences program (GSS) fosters the development of students as globally conscious equity-minded citizens and professionals.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Analyze and evaluate fundamental features of society, such as social conflict, inequalities, institutions, group relations, the experiences of individuals, and/or human interactions with the earth's natural environment.
- Synthesize, analyze, and assess the validity of qualitative, quantitative, and/or spatial data using social scientific methods.
- Construct an evidence-based argument.
- Describe how power, agency, and authority are constituted, disseminated, and exercised, including similarities and differences within and across groups, countries, and in the international arena.
- Appreciate and seek to understand myriad cultural, ethnic, gender, and socio-economic perspectives and experiences.
- Recognize and clearly articulate the career competencies they have developed as an undergraduate.

GSS majors take courses on specific social topics from a variety of disciplinary perspectives. Students can also earn course credit for internships in their desired fields. The curriculum is divided into 4 distinct concentrations:

- Applied Economics, Business, and Society (p. 335)
- Crime, Law, and Society (p. 335)
- Globalization, Environment, and Policy (p. 336)
- Social Science Teaching (p. 337)

Each concentration serves as a central focus for required and elective courses within the major. After declaring a concentration, students select courses from a wide range of social sciences departments as well as the university's professional schools (Business, Education, Journalism, and Planning and Public Policy Management).

## General Social Sciences Major - Applied Economics, Business, and Society

| Code                       | Title                                             | Credits |
|----------------------------|---------------------------------------------------|---------|
| <b>Preliminary Core</b>    |                                                   |         |
| BA 101                     | Introduction to Business                          | 4       |
| EC 201                     | Introduction to Economic Analysis: Microeconomics | 4       |
| EC 202                     | Introduction to Economic Analysis: Macroeconomics | 4       |
| <b>Methods Requirement</b> |                                                   |         |

|           |                                            |   |
|-----------|--------------------------------------------|---|
| BA 215    | Accounting: Language of Business Decisions | 4 |
| STAT 243Z | Elementary Statistics I                    | 4 |

### Research Methods Requirement

Complete one of the following courses. 4

|          |                                     |
|----------|-------------------------------------|
| GEOG 391 | Social Science Inquiry and Research |
| PS 102   | Thinking Like a Social Scientist    |
| SOC 311  | Research Methods                    |
| PPPM 415 | Policy and Planning Analysis        |

### Specialization Requirements

Must take 7 of the following courses, at least two of the courses must be outside of Economics and Business. 28

|                                                           |                                           |
|-----------------------------------------------------------|-------------------------------------------|
| BA 316                                                    | Management: Creating Value through People |
| BA 317                                                    | Marketing: Creating Value for Customers   |
| BA 318                                                    | Finance: Creating Value through Capital   |
| EC (All 300+ and 400+ courses approved, except 400 – 409. |                                           |
| ENVS 345                                                  | Environmental Ethics                      |
| GEOG 342                                                  | Geography of Globalization                |
| GEOG 442                                                  | Urban Geography                           |
| GEOG 448                                                  | Tourism and Development                   |
| GEOG 468                                                  | Contemporary Food Systems                 |
| GEOG 475                                                  |                                           |
| GLBL 431                                                  | Cross-Cultural Communication              |
| HIST 363                                                  | American Business History                 |
| HIST 383                                                  | Soccer and Society in Latin America       |
| HIST 425                                                  |                                           |
| HIST 463                                                  | American Economic History: [Topic]        |
| PS 210                                                    | Politics of Business                      |
| PS 340                                                    | International Political Economy           |

**Total Credits** 52

## Additional Requirements

Students must complete 52 credits with a minimum of 24 upper-division credits within the major.

At least 24 graded credits of major coursework must be completed in residence at the University of Oregon to qualify for a bachelor's degree in General Social Sciences.

Courses must be completed with a grade of C- or better. A maximum of one course with a grade of 'P' or 'P\*' may be used.

## General Social Sciences Major - Crime, Law, and Society Concentration

| Code                    | Title                                                   | Credits |
|-------------------------|---------------------------------------------------------|---------|
| <b>Preliminary Core</b> |                                                         |         |
| Must Take:              |                                                         |         |
| SOC 204                 | Introduction to Sociology                               | 4       |
| or SOC 207              | Social Inequality                                       |         |
| PS 275                  | Legal Process An Introduction to the American Judiciary | 4       |
| ES 101                  | Introduction to Ethnic Studies                          | 4       |

| Methods Requirement                    |                                                 |           |
|----------------------------------------|-------------------------------------------------|-----------|
| Complete one of the following courses: |                                                 | 4         |
| GEOG 391                               | Social Science Inquiry and Research             |           |
| PPPM 415                               | Policy and Planning Analysis                    |           |
| PS 102                                 | Thinking Like a Social Scientist                |           |
| SOC 311                                | Research Methods                                |           |
| Specialization Requirements            |                                                 |           |
| Must take 8 of the following courses:  |                                                 | 32        |
| ANTH 176                               | Introduction to Forensic Anthropology           |           |
| ANTH 322                               | Anthropology of the United States               |           |
| ANTH 366                               | Human Osteology Laboratory                      |           |
| ANTH 473                               | Advanced Forensic Anthropology                  |           |
| ANTH 479                               | Taphonomy: Bones, Bugs, and Burials             |           |
| ES 352                                 | Social Equity and Criminal Justice              |           |
| ES 450                                 | Race and Incarceration                          |           |
| ES 452                                 | Race and Ethnicity and the Law: [Topic]         |           |
| FHS 483                                | Prevention of Interpersonal Violence            |           |
| GEOG 343                               | Society, Culture, and Place                     |           |
| GLBL 370                               | International Human Rights                      |           |
| J 385                                  | Communication Law                               |           |
| J 397                                  | Media Ethics                                    |           |
| LING 415                               | Semantics                                       |           |
| PHIL 344                               | Introduction to Philosophy of Law               |           |
| PHIL 425                               | Philosophy of Language                          |           |
| PPPM 418                               | Introduction to Public Law                      |           |
| PS 348                                 | Women and Politics                              |           |
| PS 368                                 | Gender in the Law                               |           |
| PS 371                                 | United States Congress                          |           |
| PS 375                                 | Race, Politics, and the Law                     |           |
| PS 466                                 | Civil Rights in Post-Warren Era                 |           |
| PS 470                                 | Constitutional Law                              |           |
| PS 472                                 | Matters of Life and Death                       |           |
| PS 484                                 | United States Supreme Court                     |           |
| PS 485                                 | Civil Rights and Civil Liberties                |           |
| PSY 309                                | Psychopathology                                 |           |
| PSY 366                                | Culture and Mental Health                       |           |
| PSY 380                                | Psychology of Gender                            |           |
| SOC 313                                | Social Issues and Movements                     |           |
| SOC 328                                | Self and Society                                |           |
| SOC 330                                | Sociology of the Family                         |           |
| SOC 370                                | Urban Sociology                                 |           |
| SOC 380                                | Introduction: Deviance, Control, and Crime      |           |
| SOC 425                                | Issues in Sociology of Family: [Topic]          |           |
| SOC 445                                | Sociology of Race and Ethnicity: [Topic]        |           |
| SOC 452                                | Issues of Migration: [Topic]                    |           |
| SOC 484                                | Issues in Deviance, Control, and Crime: [Topic] |           |
| WGS 321                                | Feminist Perspectives: Identity, Race, Culture  |           |
| WGS 341                                | Women, Work, and Class                          |           |
| <b>Total Credits</b>                   |                                                 | <b>48</b> |

## Additional Requirements

Students must complete 48 credits with a minimum of 24 upper-division credits within the major.

At least 24 graded credits of major coursework must be completed in residence at the University of Oregon to qualify for a bachelor's degree in General Social Sciences.

Courses must be completed with a grade of C- or better. A maximum of one course with a grade of 'P' or 'P\*' may be used.

## Double Dipping Policy

GSS will accept a maximum of 3 courses that overlap ("double-dip") with another major, or 1 course that overlaps with a minor. Please note that degree guide may not reflect the double-dipping policy and it will be the responsibility of the student to ensure they are meeting the requirements. For additional information, meet with an advisor (see Advising (<https://gss.uoregon.edu/contact-infoenroll/>)). The Criminology minor is designed for students that are not majoring in GSS-Crime, Law, and Society. A GSS-CLS major will not be permitted to declare this minor in Criminology.

## General Social Sciences Major - Globalization, Environment, and Policy Concentration

| Code                                                                       | Title                                                  | Credits  |
|----------------------------------------------------------------------------|--------------------------------------------------------|----------|
| <b>Preliminary Core (Complete all 3 courses)</b>                           |                                                        |          |
| GEOG 141                                                                   | The Natural Environment                                | 4        |
| GEOG 142                                                                   | Human Geography                                        | 4        |
| PS 297                                                                     | Introduction to Environmental Politics                 | 4        |
| <b>Methods Requirement (Complete one of the following courses)</b>         |                                                        | <b>4</b> |
| GEOG 391                                                                   | Social Science Inquiry and Research                    |          |
| PPPM 415                                                                   | Policy and Planning Analysis                           |          |
| PS 102                                                                     | Thinking Like a Social Scientist                       |          |
| SOC 311                                                                    | Research Methods                                       |          |
| <b>Breadth Requirements (Complete two courses from the following list)</b> |                                                        | <b>8</b> |
| ANTH 161                                                                   | Introduction to Cultural Anthropology                  |          |
| EC 201                                                                     | Introduction to Economic Analysis: Microeconomics      |          |
| ENVS 201                                                                   | Introduction to Environmental Studies: Social Sciences |          |
| GLBL 240                                                                   | Perspectives on International Development              |          |
| GLBL 250                                                                   | Value Systems in Cross-Cultural Perspective            |          |
| GLBL 260                                                                   | Culture, Capitalism, and Globalization                 |          |
| GLBL 280                                                                   | Global Environmental Issues and Alternatives           |          |
| HIST 273                                                                   | Introduction to Global Environmental History           |          |
| J 201                                                                      | Media and Society                                      |          |
| LING 211                                                                   | Languages of the World                                 |          |
| PPPM 201                                                                   | Introduction to Public Policy                          |          |
| PPPM 202                                                                   | Healthy Communities                                    |          |
| PS 205                                                                     | Introduction to International Relations                |          |

**Specialization Requirements**

Must complete 6 of the following courses: 24

|          |                                                 |
|----------|-------------------------------------------------|
| ANTH 329 | Immigration and Farmworkers                     |
| EC 333   | Resource and Environmental Economic Issues      |
| ENVS 335 | Allocating Scarce Environmental Resources       |
| ENVS 411 | Environmental Issues: [Topic]                   |
| ENVS 429 | Environmental Leadership: [Topic]               |
| ENVS 435 | Environmental Justice                           |
| ENVS 450 | Political Ecology                               |
| GEOG 321 | Climatology                                     |
| GEOG 322 | Geomorphology                                   |
| GEOG 323 | Biogeography                                    |
| GEOG 341 | Population and Environment                      |
| GEOG 342 | Geography of Globalization                      |
| GEOG 410 | Experimental Course: [Topic]                    |
| GEOG 425 | Hydrology and Water Resources                   |
| GEOG 430 | Long-Term Environmental Change                  |
| GEOG 441 | Political Geography                             |
| GEOG 448 | Tourism and Development                         |
| GLBL 323 | Islam and Global Forces                         |
| GLBL 345 | Africa Today: Issues and Concerns               |
| GLBL 360 | International Cooperation and Conflict          |
| GLBL 370 | International Human Rights                      |
| GLBL 421 | Gender and International Development            |
| GLBL 423 | Development and the Muslim World                |
| GLBL 425 | Global Food Security                            |
| GLBL 432 | Indigenous Cultural Survival                    |
| GLBL 433 | Childhood in Cross-Cultural Perspective         |
| GLBL 442 | South Asia: Development and Social Change       |
| GLBL 444 | Development and Social Change in Southeast Asia |
| GLBL 446 | Development and Social Change in Latin America  |
| HIST 415 | Advanced World History: [Topic]                 |
| HIST 473 | American Environmental History: [Topic]         |
| J 320    | Gender, Media, and Diversity                    |
| J 350    | Principles of Public Relations                  |
| J 396    | International Communication                     |
| J 467    | Issues in International Communication: [Topic]  |
| LA 410   | Experimental Course: [Topic]                    |
| PHIL 340 | Environmental Philosophy                        |
| PPPM 331 | Environmental Management                        |
| PPPM 407 | Seminar: [Topic]                                |
| PPPM 408 | Workshop: [Topic]                               |
| PS 302   | States' Rights and Wrongs                       |
| PS 304   | Democracy, Dictators, and Development           |
| PS 320   | International Organization                      |
| PS 330   | Governments and Politics in Latin America       |
| PS 337   | The Politics of Development                     |

PS 367 Politics, Science, and Climate Change

PS 380 Gender and Politics in Developing Countries

PS 477 International Environmental Politics

SOC 304 Community, Environment, and Society

SOC 416 Issues in Environmental Sociology [Topic]

WGS 351 Decolonial Feminisms

WGS 432 Gender, Environment, and Development

**Total Credits 48**

\*ENVS 335 and EC 333 cover much of the same material. Students are discouraged from taking both.

\*\*Topic course is subject to title change; only specific titles approved. Contact GSS director for approval.

**Additional Requirements**

Students must complete 48 credits with a minimum of 24 upper division credits within the major.

At least 24 graded credits of major coursework must be completed in residence at the University of Oregon to qualify for a bachelor's degree in General Social Sciences.

Courses must be completed with a grade of C- or better. A maximum of one course with a grade of 'P' or 'P\*' may be used.

**Double Dipping Policy**

GSS will accept a maximum of 3 courses that overlap ("double-dip") with another major, or 1 course that overlaps with a minor. Please note that degree guide may not reflect the double-dipping policy and it will be the responsibility of the student to ensure they are meeting the requirements. For additional information, meet with an advisor (see Advising (<https://gss.uoregon.edu/contact-infoenroll/>)).

**General Social Sciences Major - Social Studies Teaching Concentration**

| Code                                                                | Title                                         | Credits |
|---------------------------------------------------------------------|-----------------------------------------------|---------|
| <b>Preliminary Core</b>                                             |                                               |         |
| 1) World History, Geography, Sociology, Psychology and Anthropology |                                               |         |
| Choose any 2 of the following courses:                              |                                               | 8       |
| ANTH 150                                                            | World Archaeology                             |         |
| ANTH 161                                                            | Introduction to Cultural Anthropology         |         |
| GEOG 201                                                            | World Regional Geography                      |         |
| GEOG 202                                                            | Geography of Europe                           |         |
| GEOG 208                                                            | Geography of the United States and Canada     |         |
| GEOG 209                                                            | Geography of the Middle East and North Africa |         |
| HIST 102                                                            | Making Modern Europe                          |         |
| HIST 103                                                            | Europe and the World                          |         |
| HIST 104                                                            | World History                                 |         |
| HIST 105                                                            | World History                                 |         |
| HIST 106                                                            | World History                                 |         |
| PSY 201                                                             | Mind and Brain                                |         |
| PSY 202                                                             | Mind and Society                              |         |



|         |                           |
|---------|---------------------------|
| SOC 204 | Introduction to Sociology |
| SOC 207 | Social Inequality         |

**2) European and World History**Choose any 2 of the following courses <sup>1</sup> 8**European History**

|          |                            |
|----------|----------------------------|
| HIST 102 | Making Modern Europe       |
| HIST 103 | Europe and the World       |
| HIST 301 | Modern Europe              |
| HIST 302 | Modern Europe              |
| HIST 303 | Modern Europe              |
| HIST 320 | High Middle Ages in Europe |
| HIST 321 | Late Middle Ages in Europe |
| HIST 337 | France                     |
| HIST 342 | German History: [Topic]    |

399 and 400-level courses with approval from GSS director

**World History**

|          |                                      |
|----------|--------------------------------------|
| HIST 104 | World History                        |
| HIST 105 | World History                        |
| HIST 106 | World History                        |
| HIST 325 | Precolonial Africa                   |
| HIST 346 | Imperial Russia                      |
| HIST 347 | Soviet Union and Contemporary Russia |
| HIST 380 | Latin America                        |
| HIST 381 | Latin America                        |
| HIST 382 | Latin America, 1910 to the Present   |
| HIST 386 | India                                |
| HIST 387 | Early China                          |

399 and 400-level courses with approval from GSS director

**3) US History**

Choose any 3 of the following courses: 12

|          |                                          |
|----------|------------------------------------------|
| HIST 201 | Inventing America                        |
| HIST 202 | Building the United States               |
| HIST 203 | American Century                         |
| HIST 250 | African American History                 |
| HIST 251 | African American History                 |
| HIST 308 | History of Women in the United States I  |
| HIST 309 | History of Women in the United States II |
| HIST 351 | American Radicalism                      |
| HIST 352 | The United States in the 1960s           |
| HIST 363 | American Business History                |
| HIST 388 | Vietnam War and the United States        |

H399 and 400-level courses with approval from GSS director

**4) Economics** 8

|        |                                                   |
|--------|---------------------------------------------------|
| EC 201 | Introduction to Economic Analysis: Microeconomics |
| EC 202 | Introduction to Economic Analysis: Macroeconomics |

**5) Government and Political Science**

Must take 2 of the following courses: 8

|        |                             |
|--------|-----------------------------|
| PS 201 | United States Politics      |
| PS 206 | Ethics, Identity, and Power |
| PS 302 | States' Rights and Wrongs   |

|        |                                                     |
|--------|-----------------------------------------------------|
| PS 304 | Democracy, Dictators, and Development               |
| PS 308 | United States Political Thought                     |
| PS 309 | Political Ideologies                                |
| PS 347 | Political Power, Influence, and Control             |
| PS 348 | Women and Politics                                  |
| PS 386 | United States Social Movements and Political Change |

**6) Research Methods Requirement**

Complete one of the following courses: 4

|          |                                     |
|----------|-------------------------------------|
| GEOG 391 | Social Science Inquiry and Research |
| PPPM 415 | Policy and Planning Analysis        |
| PS 102   | Thinking Like a Social Scientist    |
| SOC 311  | Research Methods                    |

**7) Specialization and Upper-Division Requirements**Must take at least one course from each of the following three areas: US History, Economics, and Political Science. <sup>2</sup>**Anthropology (ANTH)**

|          |                                   |
|----------|-----------------------------------|
| ANTH 315 | Gender, Folklore, Inequality      |
| ANTH 320 | Native North Americans            |
| ANTH 322 | Anthropology of the United States |
| ANTH 329 | Immigration and Farmworkers       |
| ANTH 330 | Hunters and Gatherers             |
| ANTH 331 | Cultures of India and South Asia  |
| ANTH 340 | Fundamentals of Archaeology       |
| ANTH 343 | Pacific Islands Archaeology       |
| ANTH 344 | Oregon Archaeology                |
| ANTH 365 | Food and Culture                  |
| ANTH 429 | Jewish Folklore and Ethnology     |
| ANTH 434 | Native South Americans            |
| ANTH 442 | Northwest Coast Archaeology       |
| ANTH 443 | North American Archaeology        |
| ANTH 448 | Gender and Archaeology            |

**Economics (EC)**

|        |                                                 |
|--------|-------------------------------------------------|
| EC 327 | Introduction to Game Theory                     |
| EC 330 | Urban and Regional Economic Problems            |
| EC 333 | Resource and Environmental Economic Issues      |
| EC 340 | Issues in Public Economics                      |
| EC 350 | Labor Market Issues                             |
| EC 360 | Issues in Industrial Organization               |
| EC 370 | Money and Banking                               |
| EC 380 | International Economic Issues                   |
| EC 390 | Problems and Issues in the Developing Economies |

**Geography (GEOG)**

|          |                                      |
|----------|--------------------------------------|
| GEOG 341 | Population and Environment           |
| GEOG 342 | Geography of Globalization           |
| GEOG 343 | Society, Culture, and Place          |
| GEOG 441 | Political Geography                  |
| GEOG 442 | Urban Geography                      |
| GEOG 465 | Environment and Development          |
| GEOG 471 | North American Historical Landscapes |

**Global Studies (GLBL)**

|          |                                                     |
|----------|-----------------------------------------------------|
| GLBL 345 | Africa Today: Issues and Concerns                   |
| GLBL 399 | Special Studies: [Topic]                            |
| GLBL 421 | Gender and International Development                |
| GLBL 422 | Aid to Developing Countries                         |
| GLBL 423 | Development and the Muslim World                    |
| GLBL 433 | Childhood in Cross-Cultural Perspective             |
| GLBL 442 | South Asia: Development and Social Change           |
| GLBL 444 | Development and Social Change in Southeast Asia     |
| GLBL 445 | Development and Social Change in Sub-Saharan Africa |
| GLBL 446 | Development and Social Change in Latin America      |

#### US History (HIST)

|          |                                          |
|----------|------------------------------------------|
| HIST 308 | History of Women in the United States I  |
| HIST 309 | History of Women in the United States II |
| HIST 351 | American Radicalism                      |
| HIST 352 | The United States in the 1960s           |
| HIST 388 | Vietnam War and the United States        |
| HIST 449 | Race and Ethnicity in the American West  |
| HIST 455 | Colonial American History                |
| HIST 456 | Revolutionary America                    |
| HIST 457 | 19th-Century United States: [Topic]      |
| HIST 463 | American Economic History: [Topic]       |
| HIST 466 | The American West                        |
| HIST 468 | The Pacific Northwest                    |
| HIST 469 | American Indian History: [Topic]         |
| HIST 473 | American Environmental History: [Topic]  |

#### Non-US History (HIST)

|          |                                                |
|----------|------------------------------------------------|
| HIST 320 | High Middle Ages in Europe                     |
| HIST 321 | Late Middle Ages in Europe                     |
| HIST 325 | Precolonial Africa                             |
| HIST 326 | Colonial and Postcolonial Africa               |
| HIST 342 | German History: [Topic]                        |
| HIST 347 | Soviet Union and Contemporary Russia           |
| HIST 380 | Latin America                                  |
| HIST 381 | Latin America                                  |
| HIST 382 | Latin America, 1910 to the Present             |
| HIST 386 | India                                          |
| HIST 387 | Early China                                    |
| HIST 396 | Samurai in Film                                |
| HIST 412 | Ancient Greece: [Topic]                        |
| HIST 414 | Ancient Rome: [Topic]                          |
| HIST 415 | Advanced World History: [Topic]                |
| HIST 416 | Advanced Women's History: [Topic]              |
| HIST 417 | Society and Culture in Modern Africa: [Topic]  |
| HIST 419 | African Regional Histories: [Topic]            |
| HIST 427 | Intellectual History of Modern Europe: [Topic] |
| HIST 428 | Europe in the 20th Century: [Topic]            |
| HIST 441 | 16th-Century European Reformations             |

|          |                                             |
|----------|---------------------------------------------|
| HIST 443 | Modern Germany: [Topic]                     |
| HIST 483 | Latin America: [Topic]                      |
| HIST 487 | China: [Topic]                              |
| HIST 490 | Japan: [Topic]                              |
| HIST 491 | Medicine and Society in Premodern Japan     |
| HIST 498 | Early Japanese Culture and Society: [Topic] |

#### Political Science (PS)

|        |                                                     |
|--------|-----------------------------------------------------|
| PS 302 | States' Rights and Wrongs                           |
| PS 304 | Democracy, Dictators, and Development               |
| PS 308 | United States Political Thought                     |
| PS 309 | Political Ideologies                                |
| PS 310 | Roots of Democracy                                  |
| PS 311 | Sovereignty and Revolution                          |
| PS 312 | Shadows of Modernity                                |
| PS 320 | International Organization                          |
| PS 324 | European Politics                                   |
| PS 326 | United States Foreign Policy I                      |
| PS 337 | The Politics of Development                         |
| PS 340 | International Political Economy                     |
| PS 342 | Politics of China                                   |
| PS 346 | Terrorism and Weapons Proliferation                 |
| PS 347 | Political Power, Influence, and Control             |
| PS 348 | Women and Politics                                  |
| PS 349 | Mass Media and American Politics                    |
| PS 350 | Politics and Film                                   |
| PS 352 | Political Parties and Elections                     |
| PS 355 | Oregon Government and Politics                      |
| PS 371 | United States Congress                              |
| PS 378 | Games in Politics                                   |
| PS 386 | United States Social Movements and Political Change |
| PS 433 | Marxism and Radical Thought                         |
| PS 440 | Causes and Prevention of War                        |
| PS 449 | Racial Politics in the United States                |
| PS 455 | Theories of International Politics                  |
| PS 467 | The United States Presidency                        |
| PS 470 | Constitutional Law                                  |
| PS 475 | Politics of the European Union                      |
| PS 477 | International Environmental Politics                |
| PS 479 | U.S. Interventions in Developing Nations            |
| PS 480 | Introduction to Rational Choice                     |
| PS 484 | United States Supreme Court                         |
| PS 485 | Civil Rights and Civil Liberties                    |
| PS 491 | Politics of Everyday Life                           |

#### Psychology (PSY)

|         |                           |
|---------|---------------------------|
| PSY 304 | Biopsychology             |
| PSY 308 | Developmental Psychology  |
| PSY 348 | Music and the Brain       |
| PSY 366 | Culture and Mental Health |
| PSY 380 | Psychology of Gender      |
| PSY 383 | Psychoactive Drugs        |

Sociology (SOC)

|         |                                            |
|---------|--------------------------------------------|
| SOC 301 | American Society                           |
| SOC 304 | Community, Environment, and Society        |
| SOC 310 | Social Theory                              |
| SOC 313 | Social Issues and Movements                |
| SOC 317 | Sociology of the Mass Media                |
| SOC 328 | Self and Society                           |
| SOC 330 | Sociology of the Family                    |
| SOC 345 | Race and Ethnicity                         |
| SOC 346 | Work and Occupations                       |
| SOC 355 | Sociology of Gender                        |
| SOC 380 | Introduction: Deviance, Control, and Crime |

Recommended Courses<sup>3</sup>

- <sup>1</sup> We recommend that students select one course from each of the two categories (European and world history).
- <sup>2</sup> The remaining two courses must be taken exclusively in one area of concentration.  
400-level courses from several areas of specialization are not listed below due to the significant number of prerequisites. However, you may take 400-level courses as substitutes for 300-level courses with approval from a General Social Science adviser
- <sup>3</sup> It is recommended (but not required) that students take one to three courses in Education Studies in preparation for teacher training.  
Recommended courses include EDST 111, and 420. Additional courses might include EDST 342, 343, 399, 451, 452, 453, 454,455, 456, 457.

Additional Requirements

- Students must complete 68 credits with a minimum of 40 upper division credits within the major.
- At least 24 graded credits of major coursework must be completed in residence at the University of Oregon to qualify for a bachelor's degree in General Social Sciences.
- Courses subject to change as UOTeach/Oregon/National Content standards change.
- Courses cannot overlap between sections (i.e., section 1 & 2 or section 2 & 6, etc.).
- Courses must be completed with a grade of C- or better. A maximum of one course with a grade of 'P' or 'P\*' may be used.

Double Dipping Policy

GSS will accept a maximum of 3 courses that overlap (“double-dip”) with another major, or 1 course that overlaps with a minor. Please note that degree guide may not reflect the double-dipping policy and it will be the responsibility of the student to ensure they are meeting the requirements. For additional information, meet with an advisor.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in General Social Sciences

| Course                                              | Title                                             | Credits | Milestones |
|-----------------------------------------------------|---------------------------------------------------|---------|------------|
| First Year                                          |                                                   |         |            |
| Fall                                                |                                                   |         |            |
| BA 101                                              | Introduction to Business                          | 4       |            |
| WR 121Z                                             | Composition I                                     | 4       |            |
| First term of first-year second-language sequence   |                                                   | 5       |            |
| Group-satisfying course                             |                                                   | 4       |            |
| Credits                                             |                                                   | 17      |            |
| Winter                                              |                                                   |         |            |
| EC 201                                              | Introduction to Economic Analysis: Microeconomics | 4       |            |
| WR 122Z                                             | Composition II                                    | 4       |            |
| or WR 123 or College Composition III                |                                                   |         |            |
| Second term of first-year second-language sequence  |                                                   | 5       |            |
| Group-satisfying course                             |                                                   | 4       |            |
| Credits                                             |                                                   | 17      |            |
| Spring                                              |                                                   |         |            |
| EC 202                                              | Introduction to Economic Analysis: Macroeconomics | 4       |            |
| Third term of first-year second-language sequence   |                                                   | 5       |            |
| Group-satisfying courses                            |                                                   | 8       |            |
| Credits                                             |                                                   | 17      |            |
| Total Credits                                       |                                                   | 51      |            |
| Second Year                                         |                                                   |         |            |
| Fall                                                |                                                   |         |            |
| BA 215                                              | Accounting: Language of Business Decisions        | 4       |            |
| First term of second-year second-language sequence  |                                                   | 4       |            |
| Group-satisfying course                             |                                                   | 4       |            |
| Course in a specialization area                     |                                                   | 4       |            |
| Consider a minor, a double major, study abroad      |                                                   |         |            |
| Credits                                             |                                                   | 16      |            |
| Winter                                              |                                                   |         |            |
| STAT 243Z                                           | Elementary Statistics I                           | 4       |            |
| Second term of second-year second-language sequence |                                                   | 4       |            |
| Group-satisfying course                             |                                                   | 4       |            |
| Course in a specialization area                     |                                                   | 4       |            |
| Credits                                             |                                                   | 16      |            |
| Spring                                              |                                                   |         |            |
| Research methods course                             |                                                   | 4       |            |
| Third term of second-year second-language sequence  |                                                   | 4       |            |
| Group-satisfying course                             |                                                   | 4       |            |
| Course in a specialization area                     |                                                   | 4       |            |
| Credits                                             |                                                   | 16      |            |
| Total Credits                                       |                                                   | 48      |            |

| Course                                                                                     | Title        | Credits        | Milestones        | Spring                                         |                                                     |
|--------------------------------------------------------------------------------------------|--------------|----------------|-------------------|------------------------------------------------|-----------------------------------------------------|
| <b>Third Year</b>                                                                          |              |                |                   | EC 202                                         | Introduction to Economic Analysis: Macroeconomics 4 |
| <b>Fall</b>                                                                                |              |                |                   | Mathematics course                             | 4                                                   |
| Courses in a specialization area                                                           |              | 12             |                   | Group-satisfying courses                       | 8                                                   |
| Consider career preparation, internships, career counseling, study abroad, résumé-building |              |                |                   | <b>Credits</b>                                 | <b>16</b>                                           |
| Group-satisfying course                                                                    |              | 4              |                   | <b>Total Credits</b>                           | <b>48</b>                                           |
| <b>Credits</b>                                                                             |              | <b>16</b>      |                   |                                                |                                                     |
| <b>Winter</b>                                                                              |              |                |                   | <b>Course</b>                                  | <b>Title</b>                                        |
| Elective courses                                                                           |              | 12             |                   | <b>Credits Milestones</b>                      |                                                     |
| Course in a specialization area                                                            |              | 4              |                   | <b>Second Year</b>                             |                                                     |
| <b>Credits</b>                                                                             |              | <b>16</b>      |                   | <b>Fall</b>                                    |                                                     |
| <b>Spring</b>                                                                              |              |                |                   | BA 215                                         | Accounting: Language of Business Decisions 4        |
| Elective courses                                                                           |              | 16             |                   | Elective course                                | 4                                                   |
| <b>Credits</b>                                                                             |              | <b>16</b>      |                   | Group-satisfying course                        | 4                                                   |
| <b>Total Credits</b>                                                                       |              | <b>48</b>      |                   | Course in a specialization area                | 4                                                   |
|                                                                                            |              |                |                   | Consider a minor, a double major, study abroad |                                                     |
|                                                                                            |              |                |                   | <b>Credits</b>                                 | <b>16</b>                                           |
| <b>Course</b>                                                                              | <b>Title</b> | <b>Credits</b> | <b>Milestones</b> | <b>Winter</b>                                  |                                                     |
| <b>Fourth Year</b>                                                                         |              |                |                   | STAT 243Z                                      | Elementary Statistics I 4                           |
| <b>Fall</b>                                                                                |              |                |                   | Elective course                                | 4                                                   |
| Elective courses                                                                           |              | 8              |                   | Course in a specialization area                | 4                                                   |
| Consider applying for employment, internships, Graduate School, degree                     |              |                |                   | Group-satisfying course                        | 4                                                   |
| Group-satisfying courses                                                                   |              | 8              |                   | <b>Credits</b>                                 | <b>16</b>                                           |
| <b>Credits</b>                                                                             |              | <b>16</b>      |                   | <b>Spring</b>                                  |                                                     |
| <b>Winter</b>                                                                              |              |                |                   | Placeholder                                    |                                                     |
| Elective courses                                                                           |              | 16             |                   | Research methods course                        | 4                                                   |
| <b>Credits</b>                                                                             |              | <b>16</b>      |                   | Group-satisfying course                        | 4                                                   |
| <b>Spring</b>                                                                              |              |                |                   | Elective course                                | 4                                                   |
| Elective course                                                                            |              | 4              |                   | Course in a specialization area                | 4                                                   |
| <b>Credits</b>                                                                             |              | <b>4</b>       |                   | <b>Credits</b>                                 | <b>16</b>                                           |
| <b>Total Credits</b>                                                                       |              | <b>36</b>      |                   | <b>Total Credits</b>                           | <b>48</b>                                           |

## Bachelor of Science in General Social Science

| Course                  | Title                                             | Credits   | Milestones | Course                           | Title        | Credits        | Milestones        |
|-------------------------|---------------------------------------------------|-----------|------------|----------------------------------|--------------|----------------|-------------------|
| <b>First Year</b>       |                                                   |           |            | <b>Third Year</b>                |              |                |                   |
| <b>Fall</b>             |                                                   |           |            | <b>Fall</b>                      |              |                |                   |
| BA 101                  | Introduction to Business                          | 4         |            | Group-satisfying course          |              | 4              |                   |
| WR 121Z                 | Composition I                                     | 4         |            | Courses in a specialization area |              | 12             |                   |
| Mathematics course      |                                                   | 4         |            | <b>Credits</b>                   |              | <b>16</b>      |                   |
| Group-satisfying course |                                                   | 4         |            | <b>Winter</b>                    |              |                |                   |
| <b>Credits</b>          |                                                   | <b>16</b> |            | Elective courses                 |              | 12             |                   |
| <b>Winter</b>           |                                                   |           |            | Course in a specialization area  |              | 4              |                   |
| EC 201                  | Introduction to Economic Analysis: Microeconomics | 4         |            | <b>Credits</b>                   |              | <b>16</b>      |                   |
| WR 122Z                 | Composition II                                    | 4         |            | <b>Spring</b>                    |              |                |                   |
| or WR 123               | or College Composition III                        |           |            | Elective courses                 |              | 16             |                   |
| Mathematics course      |                                                   | 4         |            | <b>Credits</b>                   |              | <b>16</b>      |                   |
| Group-satisfying course |                                                   | 4         |            | <b>Total Credits</b>             |              | <b>48</b>      |                   |
| <b>Credits</b>          |                                                   | <b>16</b> |            | <b>Course</b>                    | <b>Title</b> | <b>Credits</b> | <b>Milestones</b> |
|                         |                                                   |           |            | <b>Fourth Year</b>               |              |                |                   |
|                         |                                                   |           |            | <b>Fall</b>                      |              |                |                   |
|                         |                                                   |           |            | Group-satisfying courses         |              | 8              |                   |
|                         |                                                   |           |            | Elective courses                 |              | 8              |                   |

|                                                                        |    |
|------------------------------------------------------------------------|----|
| Consider applying for employment, internships, Graduate School, degree |    |
| Meet with an advisor                                                   |    |
| Credits                                                                | 16 |
| Winter                                                                 |    |
| Elective courses                                                       | 16 |
| Credits                                                                | 16 |
| Spring                                                                 |    |
| Elective course                                                        | 4  |
| Credits                                                                | 4  |
| Total Credits                                                          | 36 |

## Commerce and Society Minor

The buying and selling of goods and services shapes our lives every single day and connects us with people around the globe. The Commerce and Society minor allows students to analyze how these daily transactions work and how they impact people, governments, and the environment.

### Commerce and Society Minor Requirements

The buying and selling of goods and services shapes our lives every single day and connects us with people around the globe. The Commerce and Society minor allows students to analyze how these daily transactions work and how they impact people, governments, and the environment. Coursework for the minor encourages the examination of the relationship between commerce and issues such as climate change, social inequality, and globalization from a variety of social scientific perspectives.

The minor is a great option for:  
Entrepreneurial and socially-conscious students interested in learning sustainable, equitable business practices.  
Intellectually curious students who want to take courses from multiple different departments on campus like political science, global studies, business, and economics.  
Independent students who want to tailor the minor to their schedule and their interests.

| Code                                       | Title                                                                                     | Credits   |
|--------------------------------------------|-------------------------------------------------------------------------------------------|-----------|
| <b>Preliminary Core:</b>                   |                                                                                           | <b>12</b> |
| PHIL 120                                   | Ethics of Enterprise and Exchange                                                         |           |
| GLBL 270                                   | Globalization and the Global Economy (Globalization and the Global Economy (In workflow)) |           |
| PS 210                                     | Politics of Business                                                                      |           |
| <b>Specialization Courses <sup>1</sup></b> |                                                                                           | <b>24</b> |
| Anthropology                               |                                                                                           |           |
| ANTH 114                                   | Anthropology of Pirates and Piracy                                                        |           |
| ANTH 223                                   | Anthropology of Chocolate                                                                 |           |
| ANTH 329                                   | Immigration and Farmworkers                                                               |           |
| Business                                   |                                                                                           |           |
| BA 101                                     | Introduction to Business                                                                  |           |
| BA 252                                     | Global Perspectives in Business                                                           |           |
| Economics                                  |                                                                                           |           |
| EC 101                                     | Contemporary Economic Issues                                                              |           |
| Geography                                  |                                                                                           |           |

|                                        |                                               |
|----------------------------------------|-----------------------------------------------|
| GEOG 342                               | Geography of Globalization                    |
| GEOG 448                               | Tourism and Development                       |
| GEOG 465                               | Environment and Development                   |
| Prereq: Junior standing                |                                               |
| GEOG 468                               | Contemporary Food Systems                     |
| History                                |                                               |
| HIST 326                               | Colonial and Postcolonial Africa              |
| HIST 351                               | American Radicalism                           |
| HIST 363                               | American Business History                     |
| HIST 386                               | India                                         |
| HIST 463                               | American Economic History: [Topic]            |
| HIST 470                               | African American History to 1877: [Topic]     |
| Global Studies                         |                                               |
| GLBL 240                               | Perspectives on International Development     |
| GLBL 425                               | Global Food Security                          |
| GLBL 431                               | Cross-Cultural Communication                  |
| Journalism/Media Studies               |                                               |
| J 201                                  | Media and Society                             |
| J 320                                  | Gender, Media, and Diversity (Prereq: J 201)  |
| J 396                                  | International Communication (Prereq: J 201)   |
| J 397                                  | Media Ethics (Prereq: J 201)                  |
| Law                                    |                                               |
| LAW 104                                | Introduction to Business Law                  |
| Philosophy                             |                                               |
| PHIL 123                               | Internet, Society, and Philosophy             |
| PHIL 220                               | Food Ethics                                   |
| PHIL 225                               | Introduction to Formal Logic                  |
| PHIL 309                               | Global Justice                                |
| Political Science                      |                                               |
| PS 312                                 | Shadows of Modernity                          |
| PS 337                                 | The Politics of Development                   |
| PS 340                                 | International Political Economy               |
| Recommended: EC 201, EC 202 or PS 205  |                                               |
| PS 477                                 | International Environmental Politics          |
| PS 479                                 | U.S. Interventions in Developing Nations      |
| PS 495                                 | United States Political Economy               |
| Sociology                              |                                               |
| SOC 346                                | Work and Occupations                          |
| SOC 370                                | Urban Sociology                               |
| SOC 442                                | Issues in Urban Sociology: [Topic]            |
| SOC 446                                | Issues in Sociology of Work: [Topic]          |
| SOC 447                                | Issues in Sociology of Organizations: [Topic] |
| Women's, Gender, and Sexuality Studies |                                               |
| WGS 341                                | Women, Work, and Class                        |
| WGS 432                                | Gender, Environment, and Development          |
| Total Credits                          | 36                                            |



<sup>1</sup> The courses on this list do not have pre-requisites (except where noted). Students are encouraged to request approval of new upper-division courses from any department on related topics and courses that have pre-requisites (in cases where students have completed the required pre-reqs).

Students may take no more than 3 courses from the same subject code (includes both preliminary core and specialization courses). All courses must be taken for a letter grade and be passed with a C- or better. At least 16 credits must be upper-division courses. At least one course must be at the 400 level; it is recommended that students select a 400-level course from a subject code in which they have previously taken a course. Topics courses count toward the minor no matter what the topic.

The Commerce and Society minor is designed for students that are not majoring in GSS-Applied Economic, Business, and Society. A GSS-AEBS major will not be permitted to declare this minor in Commerce and Society.

## Geography

### Xiaobo Su, Department Head

107 Condon Hall  
1251 University of Oregon  
Eugene, Oregon 97403-1251  
541-346-4568  
xiaobo@uoregon.edu

The Department of Geography at the University of Oregon is one of the top ten geography programs in the country. We feature faculty and students researching and teaching about cutting-edge important societal issues, such as racism, climate change, water resources, economic development, land use, conflict, migration, spatial data science, cartography, and more.

Students are encouraged to develop skills in communication, problem-solving, critical thinking, and data analysis as they explore subjects that ask them to think holistically about the systems that shape our planet. Our faculty help students see the amazing complexity that shapes our planet and our experiences within it. Our classrooms provide inclusive and engaged learning environments so that students find their own interests to explore, helping them make meaning and find their place in the world.

## Faculty

Daniel P. Buck, associate professor (political economy, food geographies, East Asia). BA, 1987, California State, Chico; MA, 1996, PhD, 2002, California, Berkeley. (2008)

Mark Carey, professor (environmental history, human geography, environmental justice, and science and technology studies). BA, 1991, State University of New York at Potsdam; MA, 1998, University of Montana, Missoula; PhD, 2005 University of California, Davis. (2010)

Shaul E. Cohen, associate professor (political, environmental, cultural; Middle East). BA, 1983, Clark; MA, 1987, PhD, 1991, Chicago. (1996)

Sarah Cooley, assistant professor (hydrology, remote sensing, climate change). BS, 2015, NC at Chapel Hill, MPhil, 2016, University of Cambridge, PhD, 2020, Brown. (2021)

Carolyn Fish, assistant professor (geographic information system science, cartography). BS, 2008, Pennsylvania State; MS, 2010, Michigan State; PhD, 2018, Pennsylvania State. (2018)

Mark Fonstad, associate professor (geomorphology, remote sensing, hydrology). BA, 1995, Wisconsin, Madison; MA, 1997, Ohio; PhD, 2000, Arizona State. (2011)

Daniel G. Gavin, professor (biogeography, paleoecology, climate change). BA, 1992, Dartmouth College; MS, 1997, PhD, 2000, Washington (Seattle). (2006)

Leigh Johnson, assistant professor (political ecology, development, economic geography). BA, 2003, Columbia; PhD, 2011, California, Berkeley. (2016)

Nicholas P. Kohler, senior instructor (geographic information systems, cartography, human-environmental relations). BA, 1989, Princeton; MA, 1997, PhD, 2005, Oregon. (2006)

Amy K. Lobben, professor (geographic information system science, behavioral geography, data visualization). BA, 1991, MA, 1996, Georgia State; PhD, 1999, Michigan State. (2004)

Hui "Henry" Luan, assistant professor (geographic information system science, spatial statistics). BS, 2009, MS, 2011, Wuhan; PhD, 2016, Waterloo. (2018)

Melissa Lucash, assistant professor (forest ecology, climate change, wildfire, spatial modeling, landscape ecology). BS, 1993, MS, 1996, PhD 2005, Syracuse. (2020)

Leslie McLees, senior instructor/ug director (urban geography, urban agriculture, Africa); undergraduate advisor. BS, 1999, Washington State; MA, 2004, Hawaii, PhD, 2012, Oregon. (2014)

Katherine Meehan, associate professor (Water policy and governance; infrastructure and cities; science/policy interface; political ecology; Latin American science and technology studies). BA, 1999, MS 2005, PhD, 2010. (2010)

Joanna Merson, research assistant (cartography, data-visualization, GIS). BSc, 2009, Victoria; MA, 2013, Arizona State. (2017)

Laura Pulido, professor (critical ethnic studies, environmental justice, Chicano studies). See **Indigenous, Race, and Ethnic Studies**.

Johnny Ryan, assistant professor (glaciology, geospatial data science, remote sensing). BS, 2012, University of Nottingham, UK, 2013 MPhil, University of Cambridge, UK, PhD, 2018, Aberystwyth University, UK (2021)

Alethea Y. Steingisser, senior research assistant (cartography and graphic design, geographic information systems); cartographic project manager, InfoGraphics Lab. BS, 2002, California State, Northridge; MS, 2006, Oregon. (2006)

Xiaobo Su, professor (cultural politics, tourism and urban conservation, China). BArch, 2000, Southeast University (Nanjing); MSc, 2003, Sun Yat-sen University; PhD, 2007, National University of Singapore. (2007)

Peter A. Walker, professor (cultural and political ecology, US West, Africa). BA, 1986, California, Berkeley; MS, 1990, Harvard; PhD, 1997, California, Berkeley. (1997)

## Emeriti

Patrick J. Bartlein, professor emeritus. BA, 1972, MS, 1975, PhD, 1978, Wisconsin, Madison. (1982)

Stanton A. Cook, professor emeritus. AB, 1951, Harvard; PhD, 1960, California, Berkeley. (1960)

W. Andrew Marcus, professor emeritus. BS, 1978, Stanford; MA, 1983, Arizona State; PhD, 1987, Colorado. (2001)

Patricia F. McDowell, professor emeritus. BA, 1971, MA, 1977, Illinois Institute of Technology; PhD, 1980, Wisconsin, Madison. (1982)

Alexander B. Murphy, professor emeritus. BA, 1977, Yale; JD, 1981, Columbia; PhD, 1987, Chicago. (1987)

Alvin W. Urquhart, professor emeritus. AB, 1953, MA, 1958, PhD, 1962, California, Berkeley. (1960)

Ronald Wixman, professor emeritus. BA, 1968, Hunter; MA, 1972, Columbia; PhD, 1978, Chicago. (1975)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Majors - Bachelor's Degree

- Geography (BA/BS) (p. 344)
- Spatial Data Science and Technology (BA/BS) (p. 348)

### Minors

- Climate Studies (p. 351)
- Geography (p. 352)

## Graduate Programs

### Major - Master's Degree

- Geography (MA/MS) (p. 352)

### Major - Doctoral Degree

- Geography (PhD) (p. 353)

## Geography (BA/BS)

Home to a number of breathtaking geographic landforms, from the Cascade Range to the McKenzie and Rogue rivers, Oregon is the ideal place to study geography. But geography is more than mountains and rivers and maps. It's about how cultures and societies are affected by their natural surroundings and how people can enact change in the world. Geography is a way of looking at the world, understanding the dynamics between humans and the environment, and learning to use that information to make real change.

As a geography major, you'll come to understand how national and physical boundaries affect power and inequality; the significance of resource abundance and resource shortage for different people in different places; why particular regions contribute more to environmental issues than others; how climate change affects plants, animals, and water resources; how place defines who we are, how we act, and the choices we make; and much more. You'll learn how to use cutting edge spatial technologies that are in high demand in business, governments,

and nonprofits around the world. Asking these questions and using these methods, you'll learn where positive change is taking place and how to be a part of it.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Exhibit a general understanding of major biophysical and social patterns in the world, and the key drivers that give rise to those patterns.
- Identify and use geospatial techniques to analyze spatial data towards problem solving or modeling.
- Exhibit the ability to critically analyze geographic problems, ask research questions, understand methods, and conduct research.
- Demonstrate effective written, verbal, and graphic communication skills.

## Culture, Politics, and Place Concentration

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Understand the socio-economic, cultural, and political processes that shape places and the connections between them.

## Environment, Economy, and Sustainability Concentration

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Interpret the relationship of human and natural systems that result interactions between processes operating at local to global scales.
- Develop an awareness of the natural and cultural landscapes of several regions of the world and investigate the processes that form them.

## Environmental Systems Concentration

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate understanding of the important processes that affect the distribution and abundance of life, the geomorphic processes that shape the surface of the earth, and the climate system at local to global scales.

## Geographic Education Concentration

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge of the core concepts of geography to enable students to teach geography at the K-12 level.

## Geographic Information Science Concentration

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate understanding of geospatial analysis and the GIScience project process.

## Water Science and Policy Concentration

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge of human and environmental processes that affect water systems around the world.

An undergraduate major in geography follows a broadly based general degree program. Both bachelor of arts (BA) and bachelor of science (BS) degrees are offered in the department. To achieve depth in a particular subfield of geography, electives are chosen from one of six specializations:

1. environment, economy, and sustainability (p. 346)
2. geographic education (p. 346)
3. water science and policy (p. 346)
4. culture, politics, and place (p. 346)
5. environmental systems (p. 346)
6. geographic information system science (p. 346)

Although a degree in geography is a liberal arts degree, many graduates have found related vocational opportunities in government or private employment, principally in planning, environmental research, cartography, or geographic information system science.

## Geography Major Requirements

| Code                                                               | Title                                         | Credits |
|--------------------------------------------------------------------|-----------------------------------------------|---------|
| <b>Fundamentals: Introductory Core</b>                             |                                               |         |
| GEOG 141                                                           | The Natural Environment                       | 4       |
| GEOG 142                                                           | Human Geography                               | 4       |
| GEOG 181                                                           | Our Digital Earth                             | 4       |
| <b>Fundamentals: Advanced Core</b>                                 |                                               |         |
| GEOG 391                                                           | Social Science Inquiry and Research           | 4       |
| Select one of the following:                                       |                                               | 4       |
| GEOG 201                                                           | World Regional Geography                      |         |
| GEOG 202                                                           | Geography of Europe                           |         |
| GEOG 208                                                           | Geography of the United States and Canada     |         |
| GEOG 209                                                           | Geography of the Middle East and North Africa |         |
| GEOG 281                                                           | The World and Big Data                        |         |
| GEOG 471                                                           | North American Historical Landscapes          |         |
| <b>Breadth Requirements: Geographic Information System Science</b> |                                               | 4       |
| Select one of the following:                                       |                                               |         |
| GEOG 481                                                           | GIScience I                                   |         |
| GEOG 482                                                           | GIScience II                                  |         |

|                                                                               |                                                         |    |
|-------------------------------------------------------------------------------|---------------------------------------------------------|----|
| GEOG 485                                                                      | Remote Sensing I                                        |    |
| GEOG 486                                                                      | Remote Sensing II                                       |    |
| GEOG 490                                                                      | GIScience: [Topic]                                      |    |
| GEOG 491                                                                      | Advanced Geographic Information Systems                 |    |
| GEOG 493                                                                      | Advanced Cartography                                    |    |
| GEOG 494                                                                      | Spatial Analysis                                        |    |
| GEOG 495                                                                      | Geographic Data Analysis                                |    |
| GEOG 497                                                                      | Qualitative Methods in Geography                        |    |
| GEOG 498                                                                      | Geospatial Project Design                               |    |
| <b>Breadth Requirements: Biophysical Geography</b>                            |                                                         | 4  |
| Select one of the following:                                                  |                                                         |    |
| GEOG 321                                                                      | Climatology                                             |    |
| GEOG 322                                                                      | Geomorphology                                           |    |
| GEOG 323                                                                      | Biogeography                                            |    |
| GEOG 360                                                                      | Watershed Science and Policy                            |    |
| GEOG 361                                                                      | Global Environmental Change                             |    |
| GEOG 425                                                                      | Hydrology and Water Resources                           |    |
| GEOG 427                                                                      | Fluvial Geomorphology                                   |    |
| GEOG 430                                                                      | Long-Term Environmental Change                          |    |
| GEOG 433                                                                      | Fire and Natural Disturbances                           |    |
| <b>Breadth Requirements: Human Geography</b>                                  |                                                         | 4  |
| Select one of the following:                                                  |                                                         |    |
| GEOG 341                                                                      | Population and Environment                              |    |
| GEOG 342                                                                      | Geography of Globalization                              |    |
| GEOG 343                                                                      | Society, Culture, and Place                             |    |
| GEOG 441                                                                      | Political Geography                                     |    |
| GEOG 442                                                                      | Urban Geography                                         |    |
| GEOG 444                                                                      | Cultural Geography                                      |    |
| GEOG 448                                                                      | Tourism and Development                                 |    |
| GEOG 465                                                                      | Environment and Development                             |    |
| GEOG 468                                                                      | Contemporary Food Systems                               |    |
| GEOG 471                                                                      | North American Historical Landscapes                    |    |
| ASIA 425                                                                      | Asian Foodways                                          |    |
| ASIA 480                                                                      | Chinese Economy: Transition, Development, Globalization |    |
| ENVS 450                                                                      | Political Ecology                                       |    |
| ENVS 455                                                                      | Sustainability                                          |    |
| <b>Electives</b>                                                              |                                                         |    |
| Three courses from one specialization (see specialization lists) <sup>1</sup> |                                                         | 12 |
| <b>Additional Requirements</b>                                                |                                                         | 2  |
| GEOG 401                                                                      | Research: [Topic]                                       |    |
| GEOG 403                                                                      | Thesis                                                  |    |
| GEOG 406                                                                      | Practicum: [Topic]                                      |    |
| GEOG 409                                                                      | Terminal Project                                        |    |
| GEOG 419                                                                      | Professional Geographer                                 |    |
| <b>Total Credits</b>                                                          |                                                         | 46 |

<sup>1</sup> Seminar: [Topic] (GEOG 407), Experimental Course: [Topic] (GEOG 410), and other upper-division courses approved by an advisor may be used to satisfy the elective requirement.

At least eight geography courses must be taken for a letter grade. A grade of C– or better or P (pass) is required in each course, and

a GPA of 2.25 or better is required in courses used to satisfy major requirements.

Environment, Economy, and Sustainability

| Code                           | Title                          | Credits |
|--------------------------------|--------------------------------|---------|
| Select three of the following: |                                | 12      |
| GEOG 321                       | Climatology                    |         |
| GEOG 322                       | Geomorphology                  |         |
| GEOG 323                       | Biogeography                   |         |
| GEOG 341                       | Population and Environment     |         |
| GEOG 342                       | Geography of Globalization     |         |
| GEOG 360                       | Watershed Science and Policy   |         |
| GEOG 361                       | Global Environmental Change    |         |
| GEOG 421                       |                                |         |
| GEOG 425                       | Hydrology and Water Resources  |         |
| GEOG 427                       | Fluvial Geomorphology          |         |
| GEOG 430                       | Long-Term Environmental Change |         |
| GEOG 433                       | Fire and Natural Disturbances  |         |
| GEOG 465                       | Environment and Development    |         |
| GEOG 467                       |                                |         |
| GEOG 468                       | Contemporary Food Systems      |         |
| ASIA 425                       | Asian Foodways                 |         |
| ENVS 450                       | Political Ecology              |         |
| ENVS 455                       | Sustainability                 |         |

Geographic Education

| Code                                                    | Title                                | Credits |
|---------------------------------------------------------|--------------------------------------|---------|
| Select three of the following:                          |                                      | 12      |
| GEOG 341                                                | Population and Environment           |         |
| GEOG 342                                                | Geography of Globalization           |         |
| GEOG 343                                                | Society, Culture, and Place          |         |
| GEOG 441                                                | Political Geography                  |         |
| GEOG 442                                                | Urban Geography                      |         |
| GEOG 444                                                | Cultural Geography                   |         |
| GEOG 471                                                | North American Historical Landscapes |         |
| GEOG 475                                                |                                      |         |
| Upper-division courses in geography (GEOG) <sup>1</sup> |                                      |         |

<sup>1</sup> With approval of advisor.

Water Science and Policy

| Code                           | Title                         | Credits |
|--------------------------------|-------------------------------|---------|
| Select three of the following: |                               | 12      |
| GEOG 322                       | Geomorphology                 |         |
| GEOG 360                       | Watershed Science and Policy  |         |
| GEOG 361                       | Global Environmental Change   |         |
| GEOG 425                       | Hydrology and Water Resources |         |
| GEOG 427                       | Fluvial Geomorphology         |         |
| GEOG 467                       |                               |         |

Culture, Politics, and Place

| Code                           | Title                                                   | Credits |
|--------------------------------|---------------------------------------------------------|---------|
| Select three of the following: |                                                         | 12      |
| GEOG 341                       | Population and Environment                              |         |
| GEOG 342                       | Geography of Globalization                              |         |
| GEOG 343                       | Society, Culture, and Place                             |         |
| GEOG 441                       | Political Geography                                     |         |
| GEOG 442                       | Urban Geography                                         |         |
| GEOG 444                       | Cultural Geography                                      |         |
| GEOG 448                       | Tourism and Development                                 |         |
| GEOG 465                       | Environment and Development                             |         |
| GEOG 467                       |                                                         |         |
| GEOG 468                       | Contemporary Food Systems                               |         |
| GEOG 471                       | North American Historical Landscapes                    |         |
| GEOG 475                       |                                                         |         |
| ASIA 425                       | Asian Foodways                                          |         |
| ASIA 480                       | Chinese Economy: Transition, Development, Globalization |         |
| ENVS 450                       | Political Ecology                                       |         |
| ENVS 455                       | Sustainability                                          |         |

Environmental Systems

| Code                           | Title                          | Credits |
|--------------------------------|--------------------------------|---------|
| Select three of the following: |                                | 12      |
| GEOG 321                       | Climatology                    |         |
| GEOG 322                       | Geomorphology                  |         |
| GEOG 323                       | Biogeography                   |         |
| GEOG 360                       | Watershed Science and Policy   |         |
| GEOG 361                       | Global Environmental Change    |         |
| GEOG 421                       |                                |         |
| GEOG 425                       | Hydrology and Water Resources  |         |
| GEOG 427                       | Fluvial Geomorphology          |         |
| GEOG 430                       | Long-Term Environmental Change |         |
| GEOG 433                       | Fire and Natural Disturbances  |         |

Geographic Information System Science

| Code                           | Title                                   | Credits |
|--------------------------------|-----------------------------------------|---------|
| Select three of the following: |                                         | 12      |
| GEOG 481                       | GIScience I                             |         |
| GEOG 482                       | GIScience II                            |         |
| GEOG 485                       | Remote Sensing I                        |         |
| GEOG 486                       | Remote Sensing II                       |         |
| GEOG 490                       | GIScience: [Topic]                      |         |
| GEOG 491                       | Advanced Geographic Information Systems |         |
| GEOG 493                       | Advanced Cartography                    |         |
| GEOG 495                       | Geographic Data Analysis                |         |
| GEOG 497                       | Qualitative Methods in Geography        |         |
| GEOG 498                       | Geospatial Project Design               |         |

## Honors Programs

The Department of Geography offers an honors option for its majors. More information is available on the department website (<https://geography.uoregon.edu/undergrad/honors/>) or by contacting the undergraduate advisor, [geogadvr@uoregon.edu](mailto:geogadvr@uoregon.edu).

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

## Bachelor of Arts in Geography

| Course                                             | Title                   | Credits                        | Milestones |
|----------------------------------------------------|-------------------------|--------------------------------|------------|
| <b>First Year</b>                                  |                         |                                |            |
| <b>Fall</b>                                        |                         |                                |            |
| GEOG 142                                           | Human Geography         | 4                              |            |
| WR 121Z                                            | Composition I           | 4                              |            |
| Group-satisfying course in arts and letters        |                         | 4                              |            |
| First term of first-year second-language sequence  |                         | 5                              |            |
| <b>Credits</b>                                     |                         | <b>17</b>                      |            |
| <b>Winter</b>                                      |                         |                                |            |
| GEOG 141                                           | The Natural Environment | 4                              |            |
| WR 122Z                                            | Composition II          | 4                              |            |
| Group-satisfying course in science                 |                         | 4                              |            |
| Second term of first-year second-language sequence |                         | 5                              |            |
| <b>Credits</b>                                     |                         | <b>17</b>                      |            |
| <b>Spring</b>                                      |                         |                                |            |
| GEOG 181                                           | Our Digital Earth       | Fundamentals sequence complete | 4          |
| Group-satisfying course in social science          |                         | 4                              |            |
| Group-satisfying course in arts and letters        |                         | 4                              |            |
| Third term of first-year second-language sequence  |                         | 5                              |            |
| <b>Credits</b>                                     |                         | <b>17</b>                      |            |
| <b>Total Credits</b>                               |                         | <b>51</b>                      |            |

| Course                                                                                                                                             | Title | Credits   | Milestones |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|------------|
| <b>Second Year</b>                                                                                                                                 |       |           |            |
| <b>Fall</b>                                                                                                                                        |       |           |            |
| Geography advanced core elective (201–214)                                                                                                         |       | 4         |            |
| Group-satisfying course in arts and letters                                                                                                        |       | 4         |            |
| Group-satisfying course in social science that also satisfies multicultural requirement in American cultures or identity, pluralism, and tolerance |       | 4         |            |
| First term of second-year second-language sequence                                                                                                 |       | 5         |            |
| <b>Credits</b>                                                                                                                                     |       | <b>17</b> |            |
| <b>Winter</b>                                                                                                                                      |       |           |            |
| Human geography breadth course                                                                                                                     |       | 4         |            |
| Group-satisfying course in science                                                                                                                 |       | 4         |            |
| Group-satisfying course in arts and letters                                                                                                        |       | 4         |            |
| Second term of second-year second-language sequence                                                                                                |       | 5         |            |

| Consider studying abroad in third year (optional)  |           |
|----------------------------------------------------|-----------|
| <b>Credits</b>                                     | <b>17</b> |
| <b>Spring</b>                                      |           |
| Biophysical geography breadth course               | 4         |
| Group-satisfying course in social science          | 4         |
| Third term of second-year second-language sequence | 5         |
| Elective course                                    | 4         |
| <b>Credits</b>                                     | <b>17</b> |
| <b>Total Credits</b>                               | <b>51</b> |

| Course                                        | Title                               | Credits                        | Milestones |
|-----------------------------------------------|-------------------------------------|--------------------------------|------------|
| <b>Third Year</b>                             |                                     |                                |            |
| <b>Fall</b>                                   |                                     |                                |            |
| GEOG 481                                      | GIScience I                         |                                | 4          |
| Group-satisfying course in social science     |                                     | 4                              |            |
| Upper-division elective courses               |                                     | 8                              |            |
| <b>Credits</b>                                |                                     | <b>16</b>                      |            |
| <b>Winter</b>                                 |                                     |                                |            |
| GEOG 391                                      | Social Science Inquiry and Research | Advanced core complete         | 4          |
| GEOG 419                                      | Professional Geographer             | Launchpac requiremer           | 2          |
| Upper-division course with GEOG subject code  |                                     | 4                              |            |
| Upper-division elective course                |                                     | Investigate summer internships | 4          |
| <b>Credits</b>                                |                                     | <b>14</b>                      |            |
| <b>Spring</b>                                 |                                     |                                |            |
| Upper-division courses with GEOG subject code |                                     | 8                              |            |
| Upper-division elective courses               |                                     | 8                              |            |
| <b>Credits</b>                                |                                     | <b>16</b>                      |            |
| <b>Total Credits</b>                          |                                     | <b>46</b>                      |            |

| Course                                                    | Title | Credits                         | Milestones |
|-----------------------------------------------------------|-------|---------------------------------|------------|
| <b>Fourth Year</b>                                        |       |                                 |            |
| <b>Fall</b>                                               |       |                                 |            |
| Upper-division courses with GEOG subject code             |       | 8                               |            |
| Upper-division elective courses                           |       | 8                               |            |
| <b>Credits</b>                                            |       | <b>16</b>                       |            |
| <b>Winter</b>                                             |       |                                 |            |
| Upper-division courses with GEOG subject code             |       | Apply for graduation on DuckWeb | 8          |
| Upper-division elective course                            |       | 4                               |            |
| Elective course                                           |       | 4                               |            |
| Start a job search with geography academic career advisor |       |                                 |            |
| <b>Credits</b>                                            |       | <b>16</b>                       |            |
| <b>Spring</b>                                             |       |                                 |            |
| Upper-division courses with GEOG subject code             |       | 8                               |            |



|                                 |    |
|---------------------------------|----|
| Upper-division elective courses | 8  |
| Credits                         | 16 |
| Total Credits                   | 48 |

Bachelor of Science in Geography

| Course                                                                                                                                             | Title                   | Credits | Milestones                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|--------------------------------|
| First Year                                                                                                                                         |                         |         |                                |
| Fall                                                                                                                                               |                         |         |                                |
| GEOG 142                                                                                                                                           | Human Geography         | 4       |                                |
| WR 121Z                                                                                                                                            | Composition I           | 4       |                                |
| Group-satisfying course in arts and letters                                                                                                        |                         | 4       |                                |
| Group-satisfying course in science                                                                                                                 |                         | 4       |                                |
| Credits                                                                                                                                            |                         | 16      |                                |
| Winter                                                                                                                                             |                         |         |                                |
| GEOG 141                                                                                                                                           | The Natural Environment | 4       |                                |
| WR 122Z                                                                                                                                            | Composition II          | 4       |                                |
| Mathematics course                                                                                                                                 |                         | 4       |                                |
| Group-satisfying course in science                                                                                                                 |                         | 4       |                                |
| Credits                                                                                                                                            |                         | 16      |                                |
| Spring                                                                                                                                             |                         |         |                                |
| GEOG 181                                                                                                                                           | Our Digital Earth       | 4       | fundamentals sequence complete |
| Mathematics course                                                                                                                                 |                         | 4       |                                |
| Group-satisfying course in social science                                                                                                          |                         | 4       |                                |
| Group-satisfying course in arts and letters                                                                                                        |                         | 4       |                                |
| Credits                                                                                                                                            |                         | 16      |                                |
| Total Credits                                                                                                                                      |                         | 48      |                                |
| Second Year                                                                                                                                        |                         |         |                                |
| Fall                                                                                                                                               |                         |         |                                |
| Geography advanced core elective (201–214)                                                                                                         |                         | 4       |                                |
| Mathematics course                                                                                                                                 |                         | 4       |                                |
| Group-satisfying course in social science that also satisfies multicultural requirement in American cultures or identity, pluralism, and tolerance |                         | 4       |                                |
| Elective course                                                                                                                                    |                         | 4       |                                |
| Credits                                                                                                                                            |                         | 16      |                                |
| Winter                                                                                                                                             |                         |         |                                |
| Physical geography breadth course                                                                                                                  |                         | 4       |                                |
| Group-satisfying course in social science                                                                                                          |                         | 4       |                                |
| Group-satisfying course in arts and letters                                                                                                        |                         | 4       |                                |
| Elective course                                                                                                                                    |                         | 4       |                                |
| Consider studying abroad in third year (optional)                                                                                                  |                         |         |                                |
| Credits                                                                                                                                            |                         | 16      |                                |
| Spring                                                                                                                                             |                         |         |                                |
| Human geography breadth course                                                                                                                     |                         |         |                                |
| Group-satisfying courses in science                                                                                                                |                         | 8       |                                |
| Elective course                                                                                                                                    |                         | 4       |                                |
| Credits                                                                                                                                            |                         | 12      |                                |
| Total Credits                                                                                                                                      |                         | 44      |                                |

| Course                                                    | Title                               | Credits | Milestones                      |
|-----------------------------------------------------------|-------------------------------------|---------|---------------------------------|
| Third Year                                                |                                     |         |                                 |
| Fall                                                      |                                     |         |                                 |
| GEOG 481                                                  | GIScience I                         | 4       |                                 |
| Upper-division course with GEOG subject code              |                                     | 4       |                                 |
| Upper-division elective course                            |                                     | 4       |                                 |
| Elective course                                           |                                     | 4       |                                 |
| Credits                                                   |                                     | 16      |                                 |
| Winter                                                    |                                     |         |                                 |
| GEOG 391                                                  | Social Science Inquiry and Research | 4       | Advanced core complete          |
| GEOG 419                                                  | Professional Geographer             | 2       | Launchpad requirement           |
| Upper-division course with GEOG subject code              |                                     | 4       |                                 |
| Elective course                                           |                                     | 4       | Investigate summer internships  |
| Credits                                                   |                                     | 14      |                                 |
| Spring                                                    |                                     |         |                                 |
| Upper-division course with GEOG subject code              |                                     | 4       |                                 |
| Upper-division elective courses                           |                                     | 8       |                                 |
| Elective course                                           |                                     | 4       |                                 |
| Credits                                                   |                                     | 16      |                                 |
| Total Credits                                             |                                     | 46      |                                 |
| Fourth Year                                               |                                     |         |                                 |
| Fall                                                      |                                     |         |                                 |
| Upper-division courses with GEOG subject code             |                                     | 8       |                                 |
| Upper-division elective courses                           |                                     | 8       |                                 |
| Credits                                                   |                                     | 16      |                                 |
| Winter                                                    |                                     |         |                                 |
| Upper-division coursed with GEOG subject code             |                                     | 8       | Apply for graduation on DuckWeb |
| Upper-division elective course                            |                                     | 4       |                                 |
| Elective course                                           |                                     | 4       |                                 |
| Start a job search with geography academic career advisor |                                     |         |                                 |
| Credits                                                   |                                     | 16      |                                 |
| Spring                                                    |                                     |         |                                 |
| Upper-division course with GEOG subject code              |                                     | 4       |                                 |
| Upper-division elective courses                           |                                     | 8       |                                 |
| Elective course                                           |                                     | 4       |                                 |
| Credits                                                   |                                     | 16      |                                 |
| Total Credits                                             |                                     | 48      |                                 |

Spatial Data Science and Technology (BA/BS)

Spatial data is integrated in our everyday lives. From geotagging to geocaching to finding a place to enjoy some coffee, we are all integrated

in a complex web of movement, place, and discovery. Spatial data science and technology is not a program about making maps—it's about asking relevant questions, harnessing data, and understanding the appropriate way to use it. It's not just about learning how to use software programs, but about how you can contribute to a new generation of digital technologies that represent a high-growth industry—one that is revolutionizing business, nonprofit, and government worlds alike. At the UO, faculty members use spatial technologies to focus on remote sensing of river systems, climate change analysis, web-mapping, cartography, spatial cognition, spatial decision-making, and social equity.

This major is very flexible with four required courses in geography and computer science, and then eight electives that students can focus in their areas of interest. Our courses focus on geographic information systems science, cartography, remote sensing, spatial analysis, and spatial modeling.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

The spatial data science and technology major requires a minimum of 48 credits, drawing on courses in geography and computer information science. The major requires four compulsory courses (16 credits) that provide foundational skills, concepts, and critical thinking abilities. An additional eight elective courses (32 credits) are required. Upon declaring the major, students meet with the geography undergraduate advisor to tailor a series of elective courses best suited to individual student needs and employment aspirations. At least nine courses used for the major must be taken for a letter grade. A grade of C– or better and a GPA of 2.25 or better is required in courses applied to the major.

For more information, e-mail the undergraduate advisor, Leslie McLees, at [geogadvr@uoregon.edu](mailto:geogadvr@uoregon.edu), or schedule an advising appointment at <https://geography.uoregon.edu/undergrad/advising/>.

## Spatial Data Science and Technology Major Requirements

Core courses provide foundational skills, concepts, and critical thinking abilities. Some of the introductory courses, such as GIScience I (GEOG 481), are prerequisites for more advanced courses. Students are not required to complete these before moving to elective courses (except where prerequisites are required).

**Electives.** Rather than adopting a series of specializations, the electives component will remain flexible. Upon declaring the major, students should meet with the undergraduate advisor to work out a series of courses that best fit student needs and employment aspirations. A full list of elective courses can be found on the major page (<https://geography.uoregon.edu/sdst/>) on the department website.

| Code                                                   | Title                                           | Credits |
|--------------------------------------------------------|-------------------------------------------------|---------|
| <b>Core Courses</b>                                    |                                                 |         |
| GEOG 181                                               | Our Digital Earth                               | 4       |
| GEOG 281                                               | The World and Big Data                          | 4       |
| GEOG 481                                               | GIScience I                                     | 4       |
| CS 122                                                 | Introduction to Programming and Problem Solving | 4       |
| <b>Elective Courses</b>                                |                                                 |         |
| Choose courses totaling 32 credits from the following: |                                                 | 32      |
| GEOG 403                                               | Thesis                                          |         |

|                                                                    |                                         |           |
|--------------------------------------------------------------------|-----------------------------------------|-----------|
| GEOG 482                                                           | GIScience II                            |           |
| GEOG 485                                                           | Remote Sensing I                        |           |
| GEOG 490                                                           | GIScience: [Topic] <sup>1</sup>         |           |
| GEOG 491                                                           | Advanced Geographic Information Systems |           |
| GEOG 493                                                           | Advanced Cartography                    |           |
| GEOG 494                                                           | Spatial Analysis                        |           |
| GEOG 495                                                           | Geographic Data Analysis                |           |
| GEOG 498                                                           | Geospatial Project Design               |           |
| CS 210                                                             | Computer Science I                      |           |
| CS 211                                                             | Computer Science II                     |           |
| 300- or 400-level course with a GEOG subject code not listed above |                                         |           |
| 400-level course with a CS subject code not listed above           |                                         |           |
| <b>Total Credits</b>                                               |                                         | <b>48</b> |

<sup>1</sup> Special topics include courses that are offered less frequently, but also qualify for credit when offered under the course number GIScience: [Topic] (GEOG 490). Topics include Web Mapping, Server GIS, Qualitative Spatial Reasoning, and Spatial Simulation.

## Honors Programs

The Department of Geography offers an honors option for its majors. More information is available on the department website (<https://geography.uoregon.edu/undergrad/honors/>) or by contacting the undergraduate advisor, [geogadvr@uoregon.edu](mailto:geogadvr@uoregon.edu).

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Spatial Data Science and Technology

| Course                                                                                     | Title                                           | Credits   | Milestones |
|--------------------------------------------------------------------------------------------|-------------------------------------------------|-----------|------------|
| <b>First Year</b>                                                                          |                                                 |           |            |
| <b>Fall</b>                                                                                |                                                 |           |            |
| GEOG 181                                                                                   | Our Digital Earth                               | 4         |            |
| WR 121Z                                                                                    | Composition I                                   | 4         |            |
| General-education course in arts and letters that also satisfies multicultural requirement |                                                 | 4         |            |
| First term of first-year second-language sequence                                          |                                                 | 5         |            |
| <b>Credits</b>                                                                             |                                                 | <b>17</b> |            |
| <b>Winter</b>                                                                              |                                                 |           |            |
| GEOG 281                                                                                   | The World and Big Data                          | 4         |            |
| WR 122Z                                                                                    | Composition II                                  | 4         |            |
| Group-satisfying course in social science                                                  |                                                 | 4         |            |
| Second term of first-year second-language sequence                                         |                                                 | 5         |            |
| <b>Credits</b>                                                                             |                                                 | <b>17</b> |            |
| <b>Spring</b>                                                                              |                                                 |           |            |
| CS 122                                                                                     | Introduction to Programming and Problem Solving | 4         |            |
| Group-satisfying course in arts and letters                                                |                                                 | 4         |            |
| General-education course in social science that also satisfies multicultural requirement   |                                                 | 4         |            |

|                                                   |    |
|---------------------------------------------------|----|
| Third term of first-year second-language sequence | 5  |
| Credits                                           | 17 |
| Total Credits                                     | 51 |

| Course      | Title | Credits | Milestones |
|-------------|-------|---------|------------|
| Second Year |       |         |            |

|                                                    |             |    |  |
|----------------------------------------------------|-------------|----|--|
| Fall                                               |             |    |  |
| GEOG 481                                           | GIScience I | 4  |  |
| General-education course in arts and letters       |             | 4  |  |
| General-education course in science                |             | 4  |  |
| First term of second-year second-language sequence |             | 5  |  |
| Credits                                            |             | 17 |  |

|                                                        |  |    |  |
|--------------------------------------------------------|--|----|--|
| Winter                                                 |  |    |  |
| General-education course in arts and letters           |  | 4  |  |
| Elective course in spatial data science and technology |  | 8  |  |
| Second term of second-year second-language sequence    |  | 5  |  |
| Consider studying abroad                               |  |    |  |
| Credits                                                |  | 17 |  |

|                                                        |  |    |  |
|--------------------------------------------------------|--|----|--|
| Spring                                                 |  |    |  |
| Elective course in spatial data science and technology |  | 4  |  |
| Elective courses                                       |  | 8  |  |
| Third term of second-year second-language sequence     |  | 5  |  |
| Credits                                                |  | 17 |  |
| Total Credits                                          |  | 51 |  |

| Course     | Title | Credits | Milestones |
|------------|-------|---------|------------|
| Third Year |       |         |            |

|                                                          |  |    |  |
|----------------------------------------------------------|--|----|--|
| Fall                                                     |  |    |  |
| Elective course in spatial data science and technology E |  | 4  |  |
| Group-satisfying course in science                       |  | 4  |  |
| Upper-division elective courses                          |  | 8  |  |
| Credits                                                  |  | 16 |  |

|                                                        |  |    |                                |
|--------------------------------------------------------|--|----|--------------------------------|
| Winter                                                 |  |    |                                |
| Elective course in spatial data science and technology |  | 4  |                                |
| General-education course in social science             |  | 4  |                                |
| General-education course in science                    |  | 4  | Investigate summer internships |
| Upper-division elective course                         |  | 4  |                                |
| Credits                                                |  | 16 |                                |

|                                                        |  |    |  |
|--------------------------------------------------------|--|----|--|
| Spring                                                 |  |    |  |
| Elective course in spatial data science and technology |  | 4  |  |
| Upper-division elective course                         |  | 4  |  |
| Multicultural course                                   |  | 4  |  |
| Elective course                                        |  | 4  |  |
| Credits                                                |  | 16 |  |
| Total Credits                                          |  | 48 |  |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

|                                                        |  |   |  |
|--------------------------------------------------------|--|---|--|
| Fourth Year                                            |  |   |  |
| Fall                                                   |  |   |  |
| Elective course in spatial data science and technology |  | 4 |  |
| Upper-division elective courses                        |  | 8 |  |
| Multicultural course                                   |  | 4 |  |

|                                                           |  |    |                                 |
|-----------------------------------------------------------|--|----|---------------------------------|
| Credits                                                   |  | 16 |                                 |
| Winter                                                    |  |    |                                 |
| Elective course in spatial data science and technology    |  | 4  |                                 |
| Upper-division elective course                            |  | 4  | Apply for graduation on DuckWeb |
| Elective course                                           |  | 4  |                                 |
| Start a job search with geography academic career advisor |  |    |                                 |
| Credits                                                   |  | 12 |                                 |

|                                |  |    |  |
|--------------------------------|--|----|--|
| Spring                         |  |    |  |
| Upper-division elective course |  | 4  |  |
| Elective courses               |  | 8  |  |
| Credits                        |  | 12 |  |
| Total Credits                  |  | 40 |  |

## Bachelor of Science in Spatial Data Science and Technology

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

|                                                                                            |                   |    |  |
|--------------------------------------------------------------------------------------------|-------------------|----|--|
| First Year                                                                                 |                   |    |  |
| Fall                                                                                       |                   |    |  |
| GEOG 181                                                                                   | Our Digital Earth | 4  |  |
| WR 121Z                                                                                    | Composition I     | 4  |  |
| General-education course in arts and letters that also satisfies multicultural requirement |                   | 4  |  |
| Mathematics course                                                                         |                   | 4  |  |
| Credits                                                                                    |                   | 16 |  |

|                                           |                        |    |  |
|-------------------------------------------|------------------------|----|--|
| Winter                                    |                        |    |  |
| GEOG 281                                  | The World and Big Data | 4  |  |
| WR 122Z                                   | Composition II         | 4  |  |
| Group-satisfying course in social science |                        | 4  |  |
| Mathematics course                        |                        | 4  |  |
| Credits                                   |                        | 16 |  |

|                                                                                          |                                                 |    |  |
|------------------------------------------------------------------------------------------|-------------------------------------------------|----|--|
| Spring                                                                                   |                                                 |    |  |
| CS 122                                                                                   | Introduction to Programming and Problem Solving | 4  |  |
| Group-satisfying course in arts and letters                                              |                                                 | 4  |  |
| General-education course in social science that also satisfies multicultural requirement |                                                 | 4  |  |
| Mathematics course                                                                       |                                                 | 4  |  |
| Credits                                                                                  |                                                 | 16 |  |
| Total Credits                                                                            |                                                 | 48 |  |

| Course               | Title                                                   | Credits   | Milestones                     | Winter |
|----------------------|---------------------------------------------------------|-----------|--------------------------------|--------|
| <b>Second Year</b>   |                                                         |           |                                |        |
| <b>Fall</b>          |                                                         |           |                                |        |
| GEOG 481             | GIScience I                                             | 4         |                                |        |
|                      | General-education course in arts and letters            | 4         |                                |        |
|                      | General-education course in social science              | 4         |                                |        |
|                      | General-education course in science                     | 4         |                                |        |
| <b>Credits</b>       |                                                         | <b>16</b> |                                |        |
| <b>Winter</b>        |                                                         |           |                                |        |
|                      | Elective courses in spatial data science and technology | 8         |                                |        |
|                      | General-education course in arts and letters            | 4         |                                |        |
|                      | General-education course in social science              | 4         |                                |        |
| <b>Credits</b>       |                                                         | <b>16</b> |                                |        |
| <b>Spring</b>        |                                                         |           |                                |        |
|                      | Elective course in spatial data science and technology  | 4         |                                |        |
|                      | General-education course in social science              | 4         |                                |        |
|                      | General-education course in science                     | 4         |                                |        |
|                      | Elective course                                         | 4         |                                |        |
| <b>Credits</b>       |                                                         | <b>16</b> |                                |        |
| <b>Total Credits</b> |                                                         | <b>48</b> |                                |        |
| <b>Third Year</b>    |                                                         |           |                                |        |
| <b>Fall</b>          |                                                         |           |                                |        |
|                      | Elective course in spatial data science and technology  | 4         |                                |        |
|                      | Group-satisfying course in science                      | 4         |                                |        |
|                      | Upper-division elective courses                         | 8         |                                |        |
| <b>Credits</b>       |                                                         | <b>16</b> |                                |        |
| <b>Winter</b>        |                                                         |           |                                |        |
|                      | Elective course in spatial data science and technology  | 4         |                                |        |
|                      | General-education course in social science              | 4         |                                |        |
|                      | General-education course in science                     | 4         | Investigate summer internships |        |
|                      | Upper-division elective course                          | 4         |                                |        |
| <b>Credits</b>       |                                                         | <b>16</b> |                                |        |
| <b>Spring</b>        |                                                         |           |                                |        |
|                      | Elective course in spatial data science and technology  | 4         |                                |        |
|                      | Upper-division elective course                          | 4         |                                |        |
|                      | Multicultural course                                    | 4         |                                |        |
|                      | Elective course                                         | 4         |                                |        |
| <b>Credits</b>       |                                                         | <b>16</b> |                                |        |
| <b>Total Credits</b> |                                                         | <b>48</b> |                                |        |
| <b>Fourth Year</b>   |                                                         |           |                                |        |
| <b>Fall</b>          |                                                         |           |                                |        |
|                      | Elective course in spatial data science and technology  | 4         |                                |        |
|                      | Upper-division elective courses                         | 8         |                                |        |
|                      | Multicultural course                                    | 4         |                                |        |
| <b>Credits</b>       |                                                         | <b>16</b> |                                |        |
| <b>Winter</b>        |                                                         |           |                                |        |
|                      | Elective course in spatial data science and technology  | 4         |                                |        |
|                      | Upper-division elective course                          | 4         |                                |        |
|                      | Elective course                                         | 4         |                                |        |
| <b>Credits</b>       |                                                         | <b>12</b> |                                |        |
| <b>Total Credits</b> |                                                         | <b>40</b> |                                |        |

## Climate Studies Minor

Climate change is the environmental challenge of our era, presenting risks to economic, cultural, and social structures at local, national and international scales. This interdisciplinary minor takes advantage of the University of Oregon's strengths in the science of weather and climate, climate and environmental change, and the social context for these changes. The minor integrates studies and classes that draw on the strength of climate studies in geography—with supporting classes in environmental studies, earth sciences, and political science—to help students understand and respond to this crisis.

The minor provides an understanding the scientific principles that drive climate change, natural and human causes of climate change, and possibilities for climate action. In addition to the principles of climate science, elective courses engage students with the multiple dimensions of human-driven climate change, including climate modelling, climate impacts, mitigation, and adaptation. Students will investigate the societal drivers and ramifications of modern climate change through elective courses on environment and development, climate policy, and environmental justice.

## Climate Studies Minor Requirements

| Code                                                                                       | Title                                 | Credits     |
|--------------------------------------------------------------------------------------------|---------------------------------------|-------------|
| <b>Required Course Courses: <sup>1</sup></b>                                               |                                       |             |
| GEOG 141                                                                                   | The Natural Environment               | 4           |
| GEOG 321                                                                                   | Climatology                           | 4           |
| GEOG 361                                                                                   | Global Environmental Change           | 4           |
| <b>Minimum two social science courses on impacts, policy, and adaptation: <sup>2</sup></b> |                                       | <b>8-12</b> |
| GEOG 465                                                                                   | Environment and Development           |             |
| PS 367                                                                                     | Politics, Science, and Climate Change |             |
| ENVS 435                                                                                   | Environmental Justice                 |             |
|                                                                                            | or ENVS 535 Environmental Justice     |             |
| PPPM 340                                                                                   | Climate-Change Policy                 |             |
| <b>Science Electives: <sup>3</sup></b>                                                     |                                       | <b>4</b>    |
| GEOG 430                                                                                   | Long-Term Environmental Change        |             |
| <b>Total Credits</b>                                                                       |                                       | <b>24</b>   |

- 1
- GEOG 321 and 361 can be taken in any order but must follow 141.
- 2
- Experimental Course: [Topic] (GEOG 410), Temporary Multilisted Course (ENVS 400M),Experimental Course: [Topic] (EDST 410) and Experimental Course: [Topic] (SOC 410) courses approved individually.
- 3
- One required if using two social-science electives. Experimental Course: [Topic] (GEOG 410) and Temporary Multilisted Course (ENVS 400M) courses approved individually.

## Geography Minor

The Geography minor provides breadth in human and biophysical geography and GIScience. This minor complements many other programs, including Geology, Environmental Studies and Science, Public Policy, Planning and Management, Anthropology, Computer Information Science, and more.

### Minor in Geography

#### Requirements

| Code                                        | Title                                   | Credits |
|---------------------------------------------|-----------------------------------------|---------|
| Upper-division GIScience course             |                                         | 4       |
| GEOG 481                                    | GIScience I                             |         |
| GEOG 482                                    | GIScience II                            |         |
| GEOG 485                                    | Remote Sensing I                        |         |
| GEOG 486                                    | Remote Sensing II                       |         |
| GEOG 490                                    | GIScience: [Topic]                      |         |
| GEOG 491                                    | Advanced Geographic Information Systems |         |
| GEOG 493                                    | Advanced Cartography                    |         |
| GEOG 494                                    | Spatial Analysis                        |         |
| GEOG 495                                    | Geographic Data Analysis                |         |
| GEOG 497                                    | Qualitative Methods in Geography        |         |
| GEOG 498                                    | Geospatial Project Design               |         |
| Upper-division biophysical geography course |                                         | 4       |
| GEOG 321                                    | Climatology                             |         |
| GEOG 322                                    | Geomorphology                           |         |
| GEOG 323                                    | Biogeography                            |         |
| GEOG 360                                    | Watershed Science and Policy            |         |
| GEOG 361                                    | Global Environmental Change             |         |
| GEOG 421                                    |                                         |         |
| GEOG 425                                    | Hydrology and Water Resources           |         |
| GEOG 427                                    | Fluvial Geomorphology                   |         |
| GEOG 430                                    | Long-Term Environmental Change          |         |
| GEOG 433                                    | Fire and Natural Disturbances           |         |
| Upper-division human geography course       |                                         | 4       |
| GEOG 341                                    | Population and Environment              |         |
| GEOG 342                                    | Geography of Globalization              |         |
| GEOG 343                                    | Society, Culture, and Place             |         |
| GEOG 441                                    | Political Geography                     |         |
| GEOG 442                                    | Urban Geography                         |         |
| GEOG 444                                    | Cultural Geography                      |         |
| GEOG 448                                    | Tourism and Development                 |         |
| GEOG 465                                    | Environment and Development             |         |
| GEOG 467                                    |                                         |         |
| GEOG 468                                    | Contemporary Food Systems               |         |

|                         |                                      |    |
|-------------------------|--------------------------------------|----|
| GEOG 471                | North American Historical Landscapes |    |
| Three geography courses |                                      | 12 |
| Total Credits           |                                      | 24 |

At least 16 credits must be taken for a letter grade and 12 credits must be upper division. Grades of C– or better or P must be earned in all geography courses applied to the minor.

## Geography (MA/MS)

The master’s degree in geography (MA or MS) emphasizes broad understanding of physical and human geography and basic geographic techniques. Students develop specialized research skills during work on the thesis.

The master of arts degree requires second-year university-level proficiency in a second language. Competency may be demonstrated by a standardized test or with adequate undergraduate course work. Competency in a foreign language or a computer language may be used to meet the departmental language requirement for the master of science degree.

The master's degree option in geographic education is designed for teachers who have K–12 teaching licensure or are working toward their initial or continuing licensure. Most graduate students who take the geographic education option also have several years of teaching experience.

A committee of two geography faculty members supervises the research and writing of a master’s thesis that shows evidence of original research and writing.

### Program's Admission Requirements

Please visit the program's website (<https://geography.uoregon.edu/graduate/admissions/>).

## Program Learning Outcomes

- Upon successful completion of this program, students will be able to:
- Demonstrate breadth of knowledge across two or more subfields of geography and mastery within subfield of geography. Subfields here are defined as within biophysical geography (e.g., biogeography, climatology, or geomorphology), human geography (e.g., cultural, political, or human-environment relationships), or GIScience (e.g., remote sensing, data analysis and visualization, or map cognition).
  - Identify and use geospatial techniques to analyze spatial data towards problem solving or modeling, critically analyze geographic problems, ask research questions, conduct literature reviews, understand methods, and conduct independent research and analysis.
  - Conduct independent research and analysis and contribute substantial work.
  - Demonstrate effective written, verbal, and graphic communication skills.
  - Understand ethical issues and responsibilities especially in matters related to professionalism, data collection within the laboratory or field setting, and in writing and publishing theses and scientific papers.



## Geography Major

| Code                                                                                                                                                           | Title                                                                  | Credits      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------|
| <b>Core Courses</b> <sup>1</sup>                                                                                                                               |                                                                        |              |
| GEOG 608                                                                                                                                                       | Workshop: [Topic] (Thesis Writing) <sup>2</sup>                        | 2-16         |
| GEOG 611–612 & GEOG 613                                                                                                                                        | Theory and Practice of Geography I-II and Research Design <sup>3</sup> | 12           |
| <b>Breadth Requirement</b>                                                                                                                                     |                                                                        |              |
| Three upper-division or graduate-level courses, with one in each area of emphasis (physical geography, human geography, geographic information system science) |                                                                        | 12           |
| <b>Methods Courses</b>                                                                                                                                         |                                                                        |              |
| Master's students must take one methods course, either quantitative or qualitative                                                                             |                                                                        | 4            |
| <b>Total Credits</b>                                                                                                                                           |                                                                        | <b>30-44</b> |

<sup>1</sup> Core courses or their equivalents must be completed either during the program or prior to entering.

<sup>2</sup> Must take course for 1 credit every winter and spring term the student is in residence.

<sup>3</sup> Must be taken during the first year the graduate student is in residence.

| Code                                        | Title               | Credits      |
|---------------------------------------------|---------------------|--------------|
| <b>Additional Master's Required Courses</b> |                     |              |
| GEOG 507                                    | Seminar: [Topic]    | 1-5          |
| or GEOG 607                                 | Seminar: [Topic]    |              |
| GEOG 507                                    | Seminar: [Topic]    | 1-5          |
| or GEOG 607                                 | Seminar: [Topic]    |              |
| GEOG 503                                    | Thesis <sup>1</sup> | 9            |
| <b>Total Credits</b>                        |                     | <b>11-19</b> |

<sup>1</sup> At least 3 credits must be taken during the term the degree is granted. Every master's thesis must be presented at a public lecture.

## Geography (PhD)

The PhD program requires competent understanding of one of the systematic fields of geography and a broad understanding of geographic topics that enables the student to address and synthesize problems that cross the various fields of geography. While this program is designed to suit each individual's background and interests, prospective candidates should pay attention to the systematic specialization and regional interests of the department's faculty members before applying for admission.

### Program's Admission Requirements

Please visit the program's website (<https://geography.uoregon.edu/graduate/admissions/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate breadth of knowledge across two or more fields of geography and mastery of a field of geography, including biophysical geography, human geography, or GIScience.
- Demonstrate independent scientific thinking and advanced knowledge in their field, including the ability to critically analyze

geographic problems, ask research questions, conduct literature reviews, design methods.

- Conduct independent research and analysis and contribute original and substantive work.
- Demonstrate effective oral and written communication skills.
- Understand ethical issues and responsibilities especially in matters related to professionalism, including data collection with human subjects, within the laboratory and field setting and in writing and publishing theses and scientific papers.
- Become active in a variety of professional activities in their field such as submitting publications, presenting locally and at conferences, receiving funded fellowships, and contributing to professional association activities.

The candidate may use Research: [Topic] (GEOG 601) and Reading and Conference: [Topic] (GEOG 605) to follow specific interests with individual members of the faculty. The PhD program, planned with faculty committee approval, is measured by achievement of the stated goals rather than by any specific number of credits.

## PhD Requirements

| Code                                                                                                                                                                                                              | Title                                                                  | Credits      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------|
| <b>Core Courses</b> <sup>1</sup>                                                                                                                                                                                  |                                                                        |              |
| GEOG 608                                                                                                                                                                                                          | Workshop: [Topic] (Thesis Writing) <sup>2</sup>                        | 2-16         |
| GEOG 611–612 & GEOG 613                                                                                                                                                                                           | Theory and Practice of Geography I-II and Research Design <sup>3</sup> | 12           |
| <b>Breadth Requirement</b>                                                                                                                                                                                        |                                                                        |              |
| Four upper-division or graduate-level courses, with at least one in each area of emphasis (physical geography, human geography, geographic information science) and no more than one in the student's focal area. |                                                                        | 16           |
| <b>Methods Courses</b>                                                                                                                                                                                            |                                                                        |              |
| Doctoral students must take two methods courses, one quantitative and one qualitative                                                                                                                             |                                                                        | 8            |
| <b>Total Credits</b>                                                                                                                                                                                              |                                                                        | <b>38-52</b> |

<sup>1</sup> Core courses or their equivalents must be completed either during the program or prior to entering.

<sup>2</sup> Must take course for 1 credit every winter and spring term the student is in residence.

<sup>3</sup> Must be taken during the first year the graduate student is in residence.

| Code                                        | Title                     | Credits |
|---------------------------------------------|---------------------------|---------|
| <b>Additional Doctoral Required Courses</b> |                           |         |
| GEOG 607                                    | Seminar: [Topic]          | 1-5     |
| GEOG 607                                    | Seminar: [Topic]          | 1-5     |
| GEOG 603                                    | Dissertation <sup>1</sup> | 1-16    |

<sup>1</sup> At least 3 credits must be taken during the term the degree is granted. Every doctoral dissertation must be presented at a public lecture.

PhD students must complete a preparation in fields of specialization requirement that entails completion of courses and seminars recommended by the advisor or committee members.

After completing the appropriate course work, graduate seminars, advancement to candidacy is achieved by passing a comprehensive

written examination. The comprehensive exam is an opportunity to demonstrate that the student

- can articulate core areas of expertise and situate the student's overall research agenda in relation to these areas of expertise
- understands and can defend major theoretical and methodological issues in these core research and teaching areas
- has a sense of where those theories and methods stand in relation to major themes in contemporary and interdisciplinary scholarship

PhD students develop their own questions. These questions should focus on the three areas of expertise as identified in consultation between the student and advisor. At least three questions should be developed for each of the three areas. The committee may ask for more than three. At this point, the committee selects four examination questions. The committee may constrain, expand, or otherwise edit any of the student-written questions. The student has four weeks to write the responses (four to five pages to each question). Approximately one to three weeks after turning in the written responses, the student defends the responses orally. Please see the geography department's *Graduate Program Handbook* for additional details.

Within nine months of completing the comprehensive examination, the student must present a dissertation proposal for approval by the student's dissertation committee. The completed dissertation, the capstone of the doctoral program, presents the results of substantive and original research on a significant geographic problem. It is defended in a public oral presentation.

## Global Studies

**Yvonne Braun, Department Head**  
114 Friendly Hall, 1161 E. 13th Ave  
University of Oregon  
Eugene, OR 97405  
541-346-9780

Students who major in Global Studies learn interdisciplinary approaches to considering human wellbeing and development, and develop skills to understand complex social, cultural, political, economic, and environmental dynamics shaping contemporary issues in the world today from a critical perspective. Global Studies offers bachelor of arts (BA), bachelor of science (BS), and master of arts (MA) degrees in global studies and minors in global studies, global health, and global service, as well as a Peace Corps Prep Certificate. The programs are tailored to give students the theoretical tools to make sense of the fast-changing global arena; ensure the practical application of their research and learning; immerse them in the learning of language, history, and culture of a major world region; ensure they live, study, conduct research, or hold an internship that enhances their intercultural knowledge, understanding, and skills; and help them develop a professional concentration area suitable for their career goals. For the Global Studies undergraduate major programs, professional concentration and geographic focus options are listed in the Undergraduate section of the department page.

The Department of Global Studies is a member of the Association of Professional Schools of International Affairs and the International Studies Association. These associations provide more opportunities in research, internships, funding, and employment for global studies students. A degree in an interdisciplinary field such as Global Studies prepares graduates for many different career avenues. From media to politics, government, business, the non-profit sector, law, and education, Global Studies prepares students to step into the career of their dreams well-

equipped with the necessary experience to be successful. More info: <https://cas.uoregon.edu/global-studies> (<https://cas.uoregon.edu/global-studies/>)

## Faculty

Yvonne A. Braun, professor (gender and development, social change, Africa). BA, 1994, State University of New York, Geneseo; MA, 2000, PhD, 2005, California, Irvine. (2005)

Kathie Carpenter, associate professor (childhood, children's museums, Southeast Asia). BA, 1975, California, San Diego; MA, 1983, PhD, 1987, Stanford. (1989)

Dennis C. Galvan, professor (comparative politics, international development, Africa and Indonesia). BA, 1987, Stanford; MA, 1990, PhD, 1996, California, Berkeley. (2001)

Derrick Hindery, associate professor (environment and development, global economic restructuring, indigenous movements, Latin America). BA, 1994, MA, 1997, PhD, 2003, California, Los Angeles. (2007)

Galen Martin, senior instructor II (environmental and cultural geography, global food security, Latin America). AA, 1977, Hesston College; BA, 1980, Goshen College; MA, 1985, Oregon; PhD, 2003, California, Davis. (1998)

David Meek, associate professor (food sovereignty, popular education, India and Brazil). BA, 2004, Bard College; MSc, 2007, Antioch, New England; PhD, 2014, Georgia. (2018)

Lesley Jo Weaver, associate professor (health disparities, race, India and Brazil). BA, 2004, Smith College; MPH 2008, PhD, 2014, Emory University. (2018)

Anita M. Weiss, professor (gender and development, political Islam, South Asia). BA, 1975, Rutgers; MA, 1976, PhD, 1983, California, Berkeley. (1987)

Stephen R. Wooten, associate professor (local-global dynamics, food studies, Africa). BA, 1986, Massachusetts, Amherst; MA, 1993, PhD, 1997, Illinois, Urbana-Champaign. (1999)

Kristin Yarris, associate professor (global health, migration, Latin America). BA, 1994, Lewis and Clark College; MPH, MA, 2004, PhD, 2011, California, Los Angeles. (2012)

## Emeritus

Gerald W. Fry, professor emeritus. BA, 1964, Stanford; MPA, 1966, Princeton; PhD, 1977, Stanford. (1981)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Participating

Carlos Aguirre, history

Ina Asim, history

Oluwakemi Balogun, women's, gender, and sexuality studies

Diane B. Baxter, anthropology

Erin Beck, political science

Bruce A. Blonigen, economics

Lindsay F. Braun, history

Daniel P. Buck, geography

Alfredo Burlando, economics

Mark Carey, honors college

Shankha Chakraborty, economics

Liska Chan, landscape architecture

Shaul E. Cohen, geography

Rick Colby, religious studies

Jane K. Cramer, political science

Robert L. Davis, Romance languages

André Djiffack, Romance languages

Maram Epstein, East Asian languages and literatures

Michael Fakhri, law

John B. Foster, sociology

Alisa D. Freedman, East Asian languages and literatures

Pedro García-Caro, Latin American studies

Ibrahim J. Gassama, law

Bryna Goodman, history

Sangita Gopal, English

Jeffrey E. Hanes, history

Robert S. Haskett, history

Michael Hibbard, planning, public policy and management

David Hollenberg, religious studies

Zhuo Jing-Schmidt, East Asian languages and literatures

Lamia Karim, anthropology

Craig Kauffman, political science

Karrie Koesel, political science

Nicolas Larco, architecture

Jeffrey Magoto, Yamada Language Center

Gabriela Martinez, journalism and communication

Michelle McKinley, law

Karen McPherson, Romance languages

Ronald B. Mitchell, political science

Alexander B. Murphy, geography

Michael Malek Najjar, theater arts

Kevin Nute, architecture

Eileen M. Otis, sociology

Craig Parsons, political science

Doris L. Payne, linguistics

Eric W. Pederson, linguistics

Philip W. Scher, anthropology

Carol T. Silverman, anthropology

Lars Skalmes, political science

Alison Snyder, architecture

H. Leslie Steeves, journalism and communication

Lynn Stephen, anthropology

Jeffrey Stolle, management

Xiaobo Su, geography

Tuong Vu, political science

Peter A. Walker, geography

Janis C. Weeks, biology

## Undergraduate Programs

### Major - Bachelor's Degree

- Global Studies (BA/BS) (p. 355)

### Minors

- Global Health (p. 374)
- Global Service (p. 375)
- Global Studies (p. 374)

## Graduate Program

### Major - Master's Degree

- Global Studies (MA) (p. 377)

## Global Studies (BA/BS)

Formerly known as international studies, global studies is an interdisciplinary major. What this means is that students can tailor majors to their own specific interests. Global studies provides an excellent general education for students interested in the complex interrelationships (political, economic, social, and cultural) of our interdependent modern world. The program offers students tools to make sense of a fast-changing global arena; it ensures the practical application of their research; and it immerses them in the language, history, and culture of a major world region.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Critical Thinking: Use analytical tools to examine global issues in the primary thematic areas of the department: international development,

culture and globalization, gender and development, environmental sustainability, global health and well-being, and cross-cultural communication and understanding. Critically analyze the complex interrelationships that exist among first nations, nation states and between peoples, and civil society organizations and the environment throughout the interdependent modern world.

- **Critical Thinking:** Contrast methods of interdisciplinary social science research from qualitative ethnographic methods to quantitative survey instruments; use library databases to categorize relevant literature, appraise the strengths and weaknesses of academic arguments, use evidence to support arguments.
- **Critical Thinking:** Modify and apply a critical and well-grounded understanding of multiple worldviews and perspectives, experiences, power structures, and ethical and cultural positions in relation to contemporary global issues.
- **Content Knowledge:** Describe, explain and apply basic knowledge of the historic and contemporary role and effects of different actors in the global system (e.g., multilateral and bilateral organizations, development agencies, social movements, nation-states, civil society, business, and philanthropic and non-governmental organizations).
- **Content Knowledge:** Describe and discuss the history, culture, society, geography and political economy of a major world region, and its relations to global political economic processes.
- **Content Knowledge:** Describe, summarize and transfer basic knowledge of a professional concentration area onto a real-world career objective.
- **Content Knowledge:** Connect course content surrounding political systems, health, history, culture, economics, or education, to a set of intercultural experiences.
- **Communication:** Demonstrate receptive and productive proficiency in at least one language other than English.
- **Communication:** Convey complex information and ideas in written English that are clear, robust, carefully edited, well organized, and stylistically engaging and accessible.
- **Communication:** Interact with people from a diverse range of cultural, religious, ethnic, and national backgrounds in a way that is respectful and informed. Use knowledge and skills to develop and advocate for informed, appropriate action to solve complex problems in the human and natural worlds.

The first step for students planning to major in global studies is to declare the premajor. Students should make an appointment with a Global Connections Advisor to declare the premajor. Global studies premajors must first complete the requirements listed below before they can apply to the global studies major.

Students must maintain a grade point average of 3.00 (cumulative) or higher than 3.00 for three consecutive terms prior to the term of application.

Courses required for the premajor must be passed with a C– or better. Freshman seminars do not count toward this requirement. Students are strongly encouraged not to wait until their junior or senior year to apply. Premajor advising and help with the application process are available via appointments made with Global Connections Advisors in the Tykeson College & Career Advising unit. Applicants are required to meet with a Global Connections Advisor as part of the major application process. Applications are due on Monday of the fourth week of fall, winter, and spring terms.

In exceptional cases (and to accommodate transfer students), students entering the university may apply to become a global studies major without completing the required two terms. More information is available from the GLBL Director of Undergraduate Studies.

| Code                                                 | Title                                       | Credits |
|------------------------------------------------------|---------------------------------------------|---------|
| GLBL 101                                             | Introduction to International Issues        | 4       |
| or GLBL 102                                          | Foundations for Intercultural Competence    |         |
| Select two of the following:                         |                                             | 8       |
| GLBL 230                                             | Global Wellbeing                            |         |
| GLBL 240                                             | Perspectives on International Development   |         |
| GLBL 250                                             | Value Systems in Cross-Cultural Perspective |         |
| GLBL 270                                             | Globalization and the Global Economy        |         |
| Second-language sequence or equivalency demonstrated |                                             |         |
| WR 121Z                                              | Composition I                               | 4       |

## Global Studies Major

| Code                                                                                                                                                                                                                                                                                                                    | Title                                       | Credits   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------|
| <b>Preparatory Courses</b>                                                                                                                                                                                                                                                                                              |                                             | <b>8</b>  |
| GLBL 101                                                                                                                                                                                                                                                                                                                | Introduction to International Issues        |           |
| GLBL 102                                                                                                                                                                                                                                                                                                                | Foundations for Intercultural Competence    |           |
| <b>Block A: International Core Foundation</b>                                                                                                                                                                                                                                                                           |                                             | <b>16</b> |
| GLBL 230                                                                                                                                                                                                                                                                                                                | Global Wellbeing                            |           |
| GLBL 240                                                                                                                                                                                                                                                                                                                | Perspectives on International Development   |           |
| GLBL 250                                                                                                                                                                                                                                                                                                                | Value Systems in Cross-Cultural Perspective |           |
| GLBL 270                                                                                                                                                                                                                                                                                                                | Globalization and the Global Economy        |           |
| <b>Block B: Professional Concentration Area</b>                                                                                                                                                                                                                                                                         |                                             | <b>16</b> |
| Either Internal Block B Option 1: Four upper-division courses (16 credits) in one of 12 areas of concentration or External Block B Option 2: four upper-division INTL/GLBL courses (16 credits) plus a minor/certificate in any other UO department. See professional concentration areas list and tables. <sup>3</sup> |                                             |           |
| 1) Internal Block B Option: Choose 1 of 12 Professional Concentration options. Earn 16 credits total: A) 1 or 2 required INTL/GLBL course(s) (4-8 credits); B) 2 or 3 electives (8 or 12 credits); C) All credits must be upper division.                                                                               |                                             |           |
| 2) External Block B Option: A) Complete any minor or certificate in any other UO department; B) In addition, breadth requirement of 4 additional INTL/GLBL courses; C) If a INTL/GLBL course is counted towards the minor/certificate, it may also count among those 4.                                                 |                                             |           |
| <b>Block C: Geographic Focus</b>                                                                                                                                                                                                                                                                                        |                                             | <b>16</b> |
| Four upper-division courses on one of the following areas: Africa, Europe, Southeast & East Asia, South & Central Asia, Latin America & Caribbean, Middle East, and North America; at least one of the four must have the INTL/GLBL subject code. See geographic focus areas list and tables. <sup>4</sup>              |                                             |           |
| <b>Total Credits</b>                                                                                                                                                                                                                                                                                                    |                                             | <b>56</b> |

<sup>1</sup> Should be taken before global core foundation courses. Must be taken prior to applying to the major.

- <sup>2</sup> INTL/GLBL courses at the 300- and 400-level may be used to fulfill this requirement if it is not already being used toward completion of a student's Block B or C requirements. More information is available from an global studies advisor.
- <sup>3</sup> Students may design their own professional concentration area if none of the predefined areas fits the student's professional goals. Students who choose this option must designate one of the core faculty members of the Department of Global Studies as an advisor and work with that individual in designing the concentration.
- <sup>4</sup> As many as 4 credits in a third-year language sequence may be used to fulfill the geographic focus requirement. Appropriate courses should have significant course content on the region of study. Areas of focus may include Africa, Europe, Latin America and the Caribbean, the Middle East, North America, South and Central Asia, and East and Southeast Asia. A North American geographic focus is only open to international students.

## Additional Requirements

Courses must be passed with grades of C– or better to satisfy major requirements. In addition, three years' proficiency in a second language is required (see below for details).

Courses applied to the major, with the exception of the language requirement and up to 8 credits in Field Studies: [Topic] (GLBL 406) or Terminal Project (GLBL 409), must be taken for letter grades.

A maximum of 12 credits in courses taken to fulfill the university group requirements may be applied toward the global studies major.

A maximum of 20 credits in courses taken in a single department other than global studies may be applied toward the global studies major, exclusive of the language requirement and the External Block B Professional Concentration option.

For the most current information about courses and requirements, visit the department website.

## Language Requirement

To satisfy this requirement, students must achieve proficiency in a second language at a level associated with three years of study. Proficiency in the language may be demonstrated by passing three terms of a 300-level language sequence with grades of mid-C or better, by an examination, or by graduating from a high school in which English was not the medium of instruction.

A student may also fulfill the language requirement with two years' proficiency in two different languages exclusive of the student's native language. Students wishing to pursue this option must get approval from the director of undergraduate studies faculty.

## Intercultural Experience

Majors must have a significant immersive intercultural experience to complete requirements for the major. One way that this can be satisfied is with at least one term (ten weeks) of study or work in another country that coincides with the student's geographic focus area. Contact the departmental advising office for information about other ways to satisfy this requirement. For information about study in another country, see Study Abroad in the **Supplementary Academic Programming** section of this catalog. Advice is available from the Office of International Affairs, 330 Oregon Hall. *Domestic (US-based) cultural experiences and internships must be preapproved by the advising team.*

## Internship Option

Students may earn pass/no pass (P/N) credit for work done as interns. Interested students should consult with global studies advisors.

## Block B: Professional Concentration Areas

- External Block B (p. 357)
- Internal Block B (p. 357)

## External Block B Option

1. Complete any minor or certificate in any other UO department;
2. In addition, breadth requirement of 4 additional INTL/GLBL courses;
3. If a INTL/GLBL course is counted towards the minor/certificate, it may also count among those 4.

| Code                                                                             | Title | Credits   |
|----------------------------------------------------------------------------------|-------|-----------|
| <b>External Block B Option</b>                                                   |       |           |
| <b>Non-GLBL Minor</b>                                                            |       |           |
| Complete all requirements for a minor or certificate in any other UO department. |       |           |
| <b>GLBL Required Courses</b>                                                     |       | <b>16</b> |
| Select any four upper division courses with an GLBL prefix.                      |       |           |
| <b>Total Credits</b>                                                             |       | <b>16</b> |

## Internal Block B Option

Choose 1 of the following 12 Professional Concentration options. Earn 16 credits total:

- A) 1 or 2 required GLBL course(s) (4-8 credits)
- B) 2 or 3 electives (8 or 12 credits)
- C) All credits must be upper division.

- Environmental Justice and Resilience (p. 357)
- Development Studies (p. 358)
- Migration, Refugees and Humanitarian Assistance (p. 359)
- Diplomacy, Peace, and Conflict Studies (p. 360)
- Media and Communications (p. 360)
- Business, Trade, and Tourism (p. 361)
- Arts and Identity (p. 362)
- Gender, Race and Inequality (p. 363)
- Law and Human Rights (p. 363)
- Food Studies (p. 364)
- Global Health (p. 365)
- Global Education (p. 365)

## Environmental Justice and Resilience

| Code                                                                       | Title                        | Credits   |
|----------------------------------------------------------------------------|------------------------------|-----------|
| <b>Internal Block B Option</b>                                             |                              |           |
| <b>Required Courses</b>                                                    |                              | <b>4</b>  |
| GLBL 420                                                                   | Global Community Development |           |
| <b>Elective Courses</b>                                                    |                              | <b>12</b> |
| Select two courses from the following or from the required course options: |                              |           |



| Global Studies        |                                                     |
|-----------------------|-----------------------------------------------------|
| GLBL 370              | International Human Rights                          |
| GLBL 415              | The Global Story of Race                            |
| GLBL 421              | Gender and International Development                |
| GLBL 422              | Aid to Developing Countries                         |
| GLBL 423              | Development and the Muslim World                    |
| GLBL 424              | United Nations Intervention in Global Crises        |
| GLBL 425              | Global Food Security                                |
| GLBL 431              | Cross-Cultural Communication                        |
| GLBL 432              | Indigenous Cultural Survival                        |
| GLBL 433              | Childhood in Cross-Cultural Perspective             |
| GLBL 434              | Language Issues for International Studies           |
| GLBL 435              | Global Perspectives on Disability                   |
| GLBL 442              | South Asia: Development and Social Change           |
| GLBL 444              | Development and Social Change in Southeast Asia     |
| GLBL 445              | Development and Social Change in Sub-Saharan Africa |
| GLBL 446              | Development and Social Change in Latin America      |
| GLBL 448              | Bollywood's Lens on Indian Society                  |
| GLBL 463              | Population Displacement and Global Health           |
| GLBL 465              | Global Reproductive Health                          |
| GLBL 467              | Global Mental Health                                |
| Biology               |                                                     |
| BI 370                | Ecology                                             |
| Economics             |                                                     |
| EC 333                | Resource and Environmental Economic Issues          |
| EC 430                | Urban and Regional Economics                        |
| EC 435                | Natural Resource Economics                          |
| Environmental Studies |                                                     |
| ENVS 335              | Allocating Scarce Environmental Resources           |
| ENVS 345              | Environmental Ethics                                |
| ENVS 411              | Environmental Issues: [Topic]                       |
| ENVS 435              | Environmental Justice                               |
| ENVS 450              | Political Ecology                                   |
| Ethnic Studies        |                                                     |
| ES 350                | Native Americans and the Environment                |
| Geography             |                                                     |
| GEOG 341              | Population and Environment                          |
| GEOG 361              | Global Environmental Change                         |
| GEOG 430              | Long-Term Environmental Change                      |
| GEOG 461              |                                                     |
| GEOG 463              |                                                     |
| GEOG 465              | Environment and Development                         |
| GEOG 467              |                                                     |
| GEOG 468              | Contemporary Food Systems                           |
| Law                   |                                                     |

LAW 310 Environmental Regulation

**Philosophy**

PHIL 309 Global Justice

**Planning, Public Policy and Management**

PPPM 331 Environmental Management

PPPM 340 Climate-Change Policy

PPPM 360 International Public Policy

PPPM 444 Environmental Policy

PPPM 445 Green Cities

**Political Science**

PS 367 Politics, Science, and Climate Change

PS 477 International Environmental Politics

**Sociology**

SOC 304 Community, Environment, and Society

SOC 416 Issues in Environmental Sociology [Topic]

**Women's Gender, and Sexuality Studies**

WGS 432 Gender, Environment, and Development

**Total Credits** 16**Development Studies**

| Code | Title | Credits |
|------|-------|---------|
|------|-------|---------|

**Internal Block B Option****Required Courses** 8

Both required:

GLBL 420 Global Community Development

GLBL 422 Aid to Developing Countries

**Elective Courses** 8

Select two courses from the following:

**Global Studies**

GLBL 340 Global Health and Development

GLBL 360 International Cooperation and Conflict

GLBL 370 International Human Rights

GLBL 415 The Global Story of Race

GLBL 421 Gender and International Development

GLBL 423 Development and the Muslim World

GLBL 424 United Nations Intervention in Global Crises

GLBL 425 Global Food Security

GLBL 431 Cross-Cultural Communication

GLBL 432 Indigenous Cultural Survival

GLBL 433 Childhood in Cross-Cultural Perspective

GLBL 434 Language Issues for International Studies

GLBL 435 Global Perspectives on Disability

GLBL 442 South Asia: Development and Social Change

GLBL 444 Development and Social Change in Southeast Asia

GLBL 445 Development and Social Change in Sub-Saharan Africa

GLBL 446 Development and Social Change in Latin America

GLBL 448 Bollywood's Lens on Indian Society

|                                               |                                                 |
|-----------------------------------------------|-------------------------------------------------|
| GLBL 463                                      | Population Displacement and Global Health       |
| GLBL 465                                      | Global Reproductive Health                      |
| GLBL 467                                      | Global Mental Health                            |
| <b>Business Administration</b>                |                                                 |
| BA 316                                        | Management: Creating Value through People       |
| <b>Conflict and Dispute Resolution</b>        |                                                 |
| CRES 351                                      |                                                 |
| <b>Economics</b>                              |                                                 |
| EC 380                                        | International Economic Issues                   |
| EC 390                                        | Problems and Issues in the Developing Economies |
| EC 480                                        | International Finance                           |
| EC 481                                        | International Trade                             |
| EC 482                                        | Economics of Globalization                      |
| EC 490                                        | Economic Growth and Development                 |
| EC 491                                        | Issues in Economic Growth and Development       |
| <b>Finance</b>                                |                                                 |
| FIN 463                                       | International Finance                           |
| <b>Geography</b>                              |                                                 |
| GEOG 341                                      | Population and Environment                      |
| GEOG 342                                      | Geography of Globalization                      |
| GEOG 343                                      | Society, Culture, and Place                     |
| GEOG 441                                      | Political Geography                             |
| GEOG 442                                      | Urban Geography                                 |
| GEOG 465                                      | Environment and Development                     |
| <b>Law</b>                                    |                                                 |
| LAW 415                                       | Human Rights, Law, and Culture                  |
| <b>Planning, Public Policy and Management</b> |                                                 |
| PPPM 360                                      | International Public Policy                     |
| PPPM 370                                      | Global Sustainable Development and Policy       |
| PPPM 415                                      | Policy and Planning Analysis                    |
| PPPM 432                                      |                                                 |
| PPPM 443                                      | Natural Resource Policy                         |
| PPPM 446                                      | Socioeconomic Development Planning              |
| PPPM 480                                      | Nonprofit Management                            |
| <b>Political Science</b>                      |                                                 |
| PS 304                                        | Democracy, Dictators, and Development           |
| PS 337                                        | The Politics of Development                     |
| PS 340                                        | International Political Economy                 |
| PS 347                                        | Political Power, Influence, and Control         |
| PS 477                                        | International Environmental Politics            |
| PS 479                                        | U.S. Interventions in Developing Nations        |
| <b>Sociology</b>                              |                                                 |
| SOC 420                                       |                                                 |
| SOC 450                                       |                                                 |
| SOC 465                                       | Political Sociology                             |

**Total Credits** 16

## Migration, Refugees and Humanitarian Assistance

| Code                                   | Title                                               | Credits   |
|----------------------------------------|-----------------------------------------------------|-----------|
| <b>Internal Block B Option</b>         |                                                     |           |
| <b>Required Courses</b>                |                                                     | <b>8</b>  |
| GLBL 463                               | Population Displacement and Global Health           |           |
| GLBL 422                               | Aid to Developing Countries                         |           |
| <b>Elective Courses</b>                |                                                     | <b>8</b>  |
| Select two courses from the following: |                                                     |           |
| <b>Global Studies</b>                  |                                                     |           |
| GLBL 340                               | Global Health and Development                       |           |
| GLBL 360                               | International Cooperation and Conflict              |           |
| GLBL 370                               | International Human Rights                          |           |
| GLBL 415                               | The Global Story of Race                            |           |
| GLBL 420                               | Global Community Development                        |           |
| GLBL 421                               | Gender and International Development                |           |
| GLBL 423                               | Development and the Muslim World                    |           |
| GLBL 424                               | United Nations Intervention in Global Crises        |           |
| GLBL 425                               | Global Food Security                                |           |
| GLBL 431                               | Cross-Cultural Communication                        |           |
| GLBL 432                               | Indigenous Cultural Survival                        |           |
| GLBL 433                               | Childhood in Cross-Cultural Perspective             |           |
| GLBL 434                               | Language Issues for International Studies           |           |
| GLBL 435                               | Global Perspectives on Disability                   |           |
| GLBL 442                               | South Asia: Development and Social Change           |           |
| GLBL 444                               | Development and Social Change in Southeast Asia     |           |
| GLBL 445                               | Development and Social Change in Sub-Saharan Africa |           |
| GLBL 446                               | Development and Social Change in Latin America      |           |
| GLBL 448                               | Bollywood's Lens on Indian Society                  |           |
| GLBL 465                               | Global Reproductive Health                          |           |
| GLBL 467                               | Global Mental Health                                |           |
| <b>Anthropology</b>                    |                                                     |           |
| ANTH 329                               | Immigration and Farmworkers                         |           |
| <b>Economics</b>                       |                                                     |           |
| EC 430                                 | Urban and Regional Economics                        |           |
| <b>Ethnic Studies</b>                  |                                                     |           |
| ES 380                                 | Race, Migration, and Rights                         |           |
| <b>Philosophy</b>                      |                                                     |           |
| PHIL 309                               | Global Justice                                      |           |
| <b>Sociology</b>                       |                                                     |           |
| SOC 450                                |                                                     |           |
| SOC 452                                | Issues of Migration: [Topic]                        |           |
| <b>Total Credits</b>                   |                                                     | <b>16</b> |

## Diplomacy, Peace, and Conflict Studies

| Code                                                                       | Title                                               | Credits  |
|----------------------------------------------------------------------------|-----------------------------------------------------|----------|
| <b>Internal Block B Option</b>                                             |                                                     |          |
| <b>Required Courses</b>                                                    |                                                     | <b>8</b> |
| GLBL 360                                                                   | International Cooperation and Conflict              |          |
| Plus one of the following:                                                 |                                                     |          |
| GLBL 370                                                                   | International Human Rights                          |          |
| GLBL 431                                                                   | Cross-Cultural Communication                        |          |
| <b>Elective Courses</b>                                                    |                                                     | <b>8</b> |
| Select two courses from the following or from the required course options: |                                                     |          |
| <b>Global Studies</b>                                                      |                                                     |          |
| GLBL 323                                                                   | Islam and Global Forces                             |          |
| GLBL 415                                                                   | The Global Story of Race                            |          |
| GLBL 420                                                                   | Global Community Development                        |          |
| GLBL 421                                                                   | Gender and International Development                |          |
| GLBL 422                                                                   | Aid to Developing Countries                         |          |
| GLBL 423                                                                   | Development and the Muslim World                    |          |
| GLBL 424                                                                   | United Nations Intervention in Global Crises        |          |
| GLBL 425                                                                   | Global Food Security                                |          |
| GLBL 432                                                                   | Indigenous Cultural Survival                        |          |
| GLBL 433                                                                   | Childhood in Cross-Cultural Perspective             |          |
| GLBL 434                                                                   | Language Issues for International Studies           |          |
| GLBL 435                                                                   | Global Perspectives on Disability                   |          |
| GLBL 442                                                                   | South Asia: Development and Social Change           |          |
| GLBL 444                                                                   | Development and Social Change in Southeast Asia     |          |
| GLBL 445                                                                   | Development and Social Change in Sub-Saharan Africa |          |
| GLBL 446                                                                   | Development and Social Change in Latin America      |          |
| GLBL 448                                                                   | Bollywood's Lens on Indian Society                  |          |
| GLBL 463                                                                   | Population Displacement and Global Health           |          |
| GLBL 465                                                                   | Global Reproductive Health                          |          |
| GLBL 467                                                                   | Global Mental Health                                |          |
| <b>Conflict and Dispute Resolution</b>                                     |                                                     |          |
| CRES 351                                                                   |                                                     |          |
| CRES 415                                                                   | Conflict and Gender                                 |          |
| CRES 420                                                                   |                                                     |          |
| CRES 435                                                                   | Israel and Palestine                                |          |
| CRES 440                                                                   | Dialogue across Differences                         |          |
| CRES 441                                                                   | Dialogue Across Differences II                      |          |
| <b>Economics</b>                                                           |                                                     |          |
| EC 380                                                                     | International Economic Issues                       |          |
| <b>Environmental Studies</b>                                               |                                                     |          |
| ENVS 435                                                                   | Environmental Justice                               |          |
| <b>Ethnic Studies</b>                                                      |                                                     |          |
| ES 352                                                                     | Social Equity and Criminal Justice                  |          |
| <b>Geography</b>                                                           |                                                     |          |
| GEOG 441                                                                   | Political Geography                                 |          |

GEOG 463

### History

HIST 340 US Military History

### Law

LAW 415 Human Rights, Law, and Culture

### Planning, Public Policy and Management

PPPM 325 Community Leadership and Change

PPPM 360 International Public Policy

PPPM 415 Policy and Planning Analysis

PPPM 494 Practice of Leadership and Change

### Political Science

PS 304 Democracy, Dictators, and Development

PS 310 Roots of Democracy

PS 326 United States Foreign Policy I

PS 330 Governments and Politics in Latin America

PS 337 The Politics of Development

PS 340 International Political Economy

PS 346 Terrorism and Weapons Proliferation

PS 347 Political Power, Influence, and Control

PS 351 Democratic Dilemmas

PS 449 Racial Politics in the United States

PS 455 Theories of International Politics

PS 465 LGBT Rights in the Courts

PS 467 The United States Presidency

PS 477 International Environmental Politics

PS 479 U.S. Interventions in Developing Nations

### Psychology

PSY 459 Cultural Psychology

### Religion

REL 357 War, Terrorism, and Religion

### Sociology

SOC 380 Introduction: Deviance, Control, and Crime

SOC 420

SOC 465 Political Sociology

SOC 475 Marxist Sociological Theory

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>16</b> |
|----------------------|-----------|

## Media and Communications

| Code                                   | Title                                     | Credits  |
|----------------------------------------|-------------------------------------------|----------|
| <b>Internal Block B Option</b>         |                                           |          |
| <b>Required Courses</b>                |                                           | <b>8</b> |
| J 396                                  | International Communication               |          |
| Plus one of the following:             |                                           |          |
| GLBL 431                               | Cross-Cultural Communication              |          |
| GLBL 434                               | Language Issues for International Studies |          |
| <b>Elective Courses</b>                |                                           | <b>8</b> |
| Select two courses from the following: |                                           |          |
| <b>Global Studies</b>                  |                                           |          |
| GLBL 360                               | International Cooperation and Conflict    |          |
| GLBL 370                               | International Human Rights                |          |
| GLBL 415                               | The Global Story of Race                  |          |
| GLBL 420                               | Global Community Development              |          |

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| GLBL 421                      | Gender and International Development                |
| GLBL 422                      | Aid to Developing Countries                         |
| GLBL 423                      | Development and the Muslim World                    |
| GLBL 424                      | United Nations Intervention in Global Crises        |
| GLBL 425                      | Global Food Security                                |
| GLBL 431                      | Cross-Cultural Communication                        |
| GLBL 432                      | Indigenous Cultural Survival                        |
| GLBL 433                      | Childhood in Cross-Cultural Perspective             |
| GLBL 434                      | Language Issues for International Studies           |
| GLBL 435                      | Global Perspectives on Disability                   |
| GLBL 442                      | South Asia: Development and Social Change           |
| GLBL 444                      | Development and Social Change in Southeast Asia     |
| GLBL 445                      | Development and Social Change in Sub-Saharan Africa |
| GLBL 446                      | Development and Social Change in Latin America      |
| GLBL 448                      | Bollywood's Lens on Indian Society                  |
| GLBL 463                      | Population Displacement and Global Health           |
| GLBL 465                      | Global Reproductive Health                          |
| GLBL 467                      | Global Mental Health                                |
| <b>Cinema Studies</b>         |                                                     |
| CINE 440                      | National and Regional Cinema: [Topic]               |
| CINE 381M                     | Film, Media, and Culture                            |
| <b>Comparative Literature</b> |                                                     |
| COLT 370                      | Comparative Comics                                  |
| COLT 380                      | Comparative Media: [Topic]                          |
| COLT 450                      | Comparative Studies in Cinema: [Topic]              |
| <b>English</b>                |                                                     |
| ENG 381M                      | Film, Media, and Culture                            |
| <b>Italian</b>                |                                                     |
| ITAL 305                      | Cultura e lingua: arte, musica, i mass media        |
| <b>Journalism</b>             |                                                     |
| J 320                         | Gender, Media, and Diversity                        |
| J 350                         | Principles of Public Relations                      |
| J 387                         | Media History                                       |
| J 397                         | Media Ethics                                        |
| <b>Marketing</b>              |                                                     |
| MKTG 420                      | Marketing Communications                            |
| <b>Political Science</b>      |                                                     |
| PS 350                        | Politics and Film                                   |
| <b>Sociology</b>              |                                                     |
| SOC 317                       | Sociology of the Mass Media                         |
| <b>Total Credits</b>          |                                                     |

16

## Business, Trade, and Tourism

*This concentration area requires early planning to meet prerequisites. See departmental advisors for prerequisites specific to global studies majors.*

| Code                                   | Title                                               | Credits  |
|----------------------------------------|-----------------------------------------------------|----------|
| <b>Internal Block B Option</b>         |                                                     |          |
| <b>Required Courses</b>                |                                                     | <b>8</b> |
| Select two courses from the following: |                                                     |          |
| MGMT 420                               | Managing in a Global Economy                        |          |
| MKTG 470                               | International Marketing                             |          |
| GEOG 448                               | Tourism and Development                             |          |
| <b>Elective Courses</b>                |                                                     | <b>8</b> |
| Select two courses from the following: |                                                     |          |
| <b>Global Studies</b>                  |                                                     |          |
| GLBL 323                               | Islam and Global Forces                             |          |
| GLBL 415                               | The Global Story of Race                            |          |
| GLBL 420                               | Global Community Development                        |          |
| GLBL 421                               | Gender and International Development                |          |
| GLBL 422                               | Aid to Developing Countries                         |          |
| GLBL 423                               | Development and the Muslim World                    |          |
| GLBL 424                               | United Nations Intervention in Global Crises        |          |
| GLBL 425                               | Global Food Security                                |          |
| GLBL 431                               | Cross-Cultural Communication                        |          |
| GLBL 432                               | Indigenous Cultural Survival                        |          |
| GLBL 433                               | Childhood in Cross-Cultural Perspective             |          |
| GLBL 434                               | Language Issues for International Studies           |          |
| GLBL 435                               | Global Perspectives on Disability                   |          |
| GLBL 442                               | South Asia: Development and Social Change           |          |
| GLBL 444                               | Development and Social Change in Southeast Asia     |          |
| GLBL 445                               | Development and Social Change in Sub-Saharan Africa |          |
| GLBL 446                               | Development and Social Change in Latin America      |          |
| GLBL 448                               | Bollywood's Lens on Indian Society                  |          |
| GLBL 463                               | Population Displacement and Global Health           |          |
| GLBL 465                               | Global Reproductive Health                          |          |
| GLBL 467                               | Global Mental Health                                |          |
| <b>Business Administration</b>         |                                                     |          |
| BA 317                                 | Marketing: Creating Value for Customers             |          |
| BA 361                                 | Cross-Cultural Business Communication               |          |
| BA 365                                 | Cross-Cultural Negotiation                          |          |
| <b>Economics</b>                       |                                                     |          |
| EC 360                                 | Issues in Industrial Organization                   |          |
| EC 370                                 | Money and Banking                                   |          |
| EC 380                                 | International Economic Issues                       |          |
| EC 421                                 | Introduction to Econometrics II                     |          |
| EC 480                                 | International Finance                               |          |
| EC 481                                 | International Trade                                 |          |
| EC 484                                 | Multinational Corporations                          |          |
| EC 490                                 | Economic Growth and Development                     |          |
| EC 491                                 | Issues in Economic Growth and Development           |          |
| <b>Finance</b>                         |                                                     |          |

|                                               |                                           |
|-----------------------------------------------|-------------------------------------------|
| FIN 463                                       | International Finance                     |
| <b>Geography</b>                              |                                           |
| GEOG 341                                      | Population and Environment                |
| GEOG 342                                      | Geography of Globalization                |
| GEOG 441                                      | Political Geography                       |
| GEOG 465                                      | Environment and Development               |
| <b>Management</b>                             |                                           |
| MGMT 417                                      | Negotiation Strategies                    |
| <b>Marketing</b>                              |                                           |
| MKTG 311                                      | Marketing Management                      |
| MKTG 435                                      | Consumer Behavior                         |
| <b>Planning, Public Policy and Management</b> |                                           |
| PPPM 360                                      | International Public Policy               |
| PPPM 422                                      | Grant Proposal Writing                    |
| PPPM 484                                      | Public and Nonprofit Financial Management |
| <b>Political Science</b>                      |                                           |
| PS 340                                        | International Political Economy           |
| PS 477                                        | International Environmental Politics      |
| <b>Sociology</b>                              |                                           |
| SOC 304                                       | Community, Environment, and Society       |
| SOC 346                                       | Work and Occupations                      |
| SOC 420                                       |                                           |
| SOC 450                                       |                                           |
| SOC 467                                       | Economic Sociology                        |
| <b>Total Credits</b>                          |                                           |
| 16                                            |                                           |

If double-majoring in business administration and global studies, other options apply.

Arts and Identity

| Code                                     | Title                                        | Credits   |
|------------------------------------------|----------------------------------------------|-----------|
| <b>Internal Block B Option</b>           |                                              |           |
| <b>Required Course</b>                   |                                              | <b>4</b>  |
| GLBL 448                                 | Bollywood's Lens on Indian Society           |           |
| <b>Elective Courses</b>                  |                                              | <b>12</b> |
| Select three courses from the following: |                                              |           |
| <b>Global Studies</b>                    |                                              |           |
| GLBL 415                                 | The Global Story of Race                     |           |
| GLBL 420                                 | Global Community Development                 |           |
| GLBL 421                                 | Gender and International Development         |           |
| GLBL 422                                 | Aid to Developing Countries                  |           |
| GLBL 423                                 | Development and the Muslim World             |           |
| GLBL 424                                 | United Nations Intervention in Global Crises |           |
| GLBL 425                                 | Global Food Security                         |           |
| GLBL 431                                 | Cross-Cultural Communication                 |           |
| GLBL 432                                 | Indigenous Cultural Survival                 |           |
| GLBL 433                                 | Childhood in Cross-Cultural Perspective      |           |
| GLBL 434                                 | Language Issues for International Studies    |           |
| GLBL 435                                 | Global Perspectives on Disability            |           |
| GLBL 442                                 | South Asia: Development and Social Change    |           |

|                                               |                                                     |
|-----------------------------------------------|-----------------------------------------------------|
| GLBL 444                                      | Development and Social Change in Southeast Asia     |
| GLBL 445                                      | Development and Social Change in Sub-Saharan Africa |
| GLBL 446                                      | Development and Social Change in Latin America      |
| GLBL 463                                      | Population Displacement and Global Health           |
| GLBL 465                                      | Global Reproductive Health                          |
| GLBL 467                                      | Global Mental Health                                |
| <b>Historic Preservation</b>                  |                                                     |
| AAAP 411                                      | Introduction to Historic Preservation               |
| <b>Arts and Administration</b>                |                                                     |
| AAD 450                                       |                                                     |
| AAD 451                                       |                                                     |
| AAD 462                                       |                                                     |
| <b>Anthropology</b>                           |                                                     |
| ANTH 349                                      | Origins of Art                                      |
| ANTH 449                                      | Cultural Resource Management                        |
| <b>Art History</b>                            |                                                     |
| ARH 358                                       | History of Design                                   |
| ARH 457                                       | Contemporary Art: [Topic]                           |
| ARH 471                                       | Latin American Art History: [Topic]                 |
| <b>Cinema Studies</b>                         |                                                     |
| CINE 381M                                     | Film, Media, and Culture                            |
| <b>Dance</b>                                  |                                                     |
| DAN 301                                       | African Dance Aesthetics                            |
| <b>English</b>                                |                                                     |
| ENG 381M                                      | Film, Media, and Culture                            |
| ENG 385                                       | Graphic Narratives and Cultural Theory              |
| <b>Folklore and Public Culture</b>            |                                                     |
| FLR 411                                       | Folklore and Religion                               |
| FLR 413                                       |                                                     |
| <b>Music</b>                                  |                                                     |
| MUS 358                                       | Music in World Cultures                             |
| MUS 451                                       | Introduction to Ethnomusicology                     |
| MUS 452                                       | Musical Instruments of the World                    |
| <b>Philosophy</b>                             |                                                     |
| PHIL 322                                      | Philosophy of the Arts                              |
| <b>Planning, Public Policy and Management</b> |                                                     |
| PPPM 422                                      | Grant Proposal Writing                              |
| <b>Political Science</b>                      |                                                     |
| PS 350                                        | Politics and Film                                   |
| <b>Sociology</b>                              |                                                     |
| SOC 450                                       |                                                     |
| <b>Theater Arts</b>                           |                                                     |
| TA 367                                        | History of the Theater I                            |
| TA 368                                        | History of the Theater II                           |
| TA 472                                        | Multicultural Theater: [Topic]                      |
| <b>Total Credits</b>                          |                                                     |
| 16                                            |                                                     |



## Gender, Race and Inequality

| Code                                     | Title                                               | Credits   |
|------------------------------------------|-----------------------------------------------------|-----------|
| <b>Internal Block B Option</b>           |                                                     |           |
| <b>Required Course</b>                   |                                                     | <b>4</b>  |
| GLBL 421                                 | Gender and International Development                |           |
| <b>Elective Courses</b>                  |                                                     | <b>12</b> |
| Select three courses from the following: |                                                     |           |
| <b>Global Studies</b>                    |                                                     |           |
| GLBL 323                                 | Islam and Global Forces                             |           |
| GLBL 340                                 | Global Health and Development                       |           |
| GLBL 345                                 | Africa Today: Issues and Concerns                   |           |
| GLBL 360                                 | International Cooperation and Conflict              |           |
| GLBL 370                                 | International Human Rights                          |           |
| GLBL 415                                 | The Global Story of Race                            |           |
| GLBL 420                                 | Global Community Development                        |           |
| GLBL 422                                 | Aid to Developing Countries                         |           |
| GLBL 423                                 | Development and the Muslim World                    |           |
| GLBL 424                                 | United Nations Intervention in Global Crises        |           |
| GLBL 425                                 | Global Food Security                                |           |
| GLBL 431                                 | Cross-Cultural Communication                        |           |
| GLBL 432                                 | Indigenous Cultural Survival                        |           |
| GLBL 433                                 | Childhood in Cross-Cultural Perspective             |           |
| GLBL 434                                 | Language Issues for International Studies           |           |
| GLBL 435                                 | Global Perspectives on Disability                   |           |
| GLBL 442                                 | South Asia: Development and Social Change           |           |
| GLBL 444                                 | Development and Social Change in Southeast Asia     |           |
| GLBL 445                                 | Development and Social Change in Sub-Saharan Africa |           |
| GLBL 446                                 | Development and Social Change in Latin America      |           |
| GLBL 448                                 | Bollywood's Lens on Indian Society                  |           |
| GLBL 463                                 | Population Displacement and Global Health           |           |
| GLBL 465                                 | Global Reproductive Health                          |           |
| GLBL 467                                 | Global Mental Health                                |           |
| <b>Anthropology</b>                      |                                                     |           |
| ANTH 315                                 | Gender, Folklore, Inequality                        |           |
| ANTH 332                                 | Human Attraction and Mating Strategies              |           |
| <b>Classics</b>                          |                                                     |           |
| CLAS 314                                 | Gender and Sexuality in Antiquity                   |           |
| <b>Comparative Literature</b>            |                                                     |           |
| COLT 360                                 | Gender and Identity in Literature                   |           |
| <b>Conflict and Dispute Resolution</b>   |                                                     |           |
| CRES 415                                 | Conflict and Gender                                 |           |
| <b>Ethnic Studies</b>                    |                                                     |           |
| ES 330                                   | Women of Color: Issues and Concerns                 |           |
| ES 352                                   | Social Equity and Criminal Justice                  |           |
| <b>Folklore and Public Culture</b>       |                                                     |           |
| FLR 370                                  |                                                     |           |
| <b>German</b>                            |                                                     |           |

|                                               |                                                |
|-----------------------------------------------|------------------------------------------------|
| GER 354                                       | German Gender Studies                          |
| <b>History</b>                                |                                                |
| HIST 416                                      | Advanced Women's History: [Topic]              |
| <b>Journalism</b>                             |                                                |
| J 320                                         | Gender, Media, and Diversity                   |
| <b>Philosophy</b>                             |                                                |
| PHIL 315                                      | Introduction to Feminist Philosophy            |
| <b>Political Science</b>                      |                                                |
| PS 348                                        | Women and Politics                             |
| PS 380                                        | Gender and Politics in Developing Countries    |
| <b>Sociology</b>                              |                                                |
| SOC 207                                       | Social Inequality                              |
| SOC 355                                       | Sociology of Gender                            |
| SOC 455                                       | Issues in Sociology of Gender: [Topic]         |
| SOC 456                                       | Feminist Theory                                |
| <b>Women's, Gender, and Sexuality Studies</b> |                                                |
| WGS 303                                       | Women and Gender in American History           |
| WGS 315                                       | History and Development of Feminist Theory     |
| WGS 321                                       | Feminist Perspectives: Identity, Race, Culture |
| WGS 331                                       | Science, Technology, and Gender                |
| WGS 341                                       | Women, Work, and Class                         |
| WGS 351                                       | Decolonial Feminisms                           |
| WGS 361                                       | Gender, Film, and the Media                    |
| WGS 411                                       | Feminist Praxis                                |
| WGS 432                                       | Gender, Environment, and Development           |
| WGS 450                                       | Literature and Feminist World-Making           |
| WGS 451                                       | Global Perspectives on Gender [Topic]          |
| <b>Total Credits</b>                          |                                                |

16

## Law and Human Rights

| Code                                   | Title                                        | Credits  |
|----------------------------------------|----------------------------------------------|----------|
| <b>Internal Block B Option</b>         |                                              |          |
| <b>Required Courses</b>                |                                              | <b>8</b> |
| GLBL 370                               | International Human Rights                   |          |
| GLBL 422                               | Aid to Developing Countries                  |          |
| <b>Elective Courses</b>                |                                              | <b>8</b> |
| Select two courses from the following: |                                              |          |
| <b>Global Studies</b>                  |                                              |          |
| GLBL 323                               | Islam and Global Forces                      |          |
| GLBL 340                               | Global Health and Development                |          |
| GLBL 360                               | International Cooperation and Conflict       |          |
| GLBL 415                               | The Global Story of Race                     |          |
| GLBL 420                               | Global Community Development                 |          |
| GLBL 421                               | Gender and International Development         |          |
| GLBL 423                               | Development and the Muslim World             |          |
| GLBL 424                               | United Nations Intervention in Global Crises |          |
| GLBL 425                               | Global Food Security                         |          |
| GLBL 431                               | Cross-Cultural Communication                 |          |
| GLBL 432                               | Indigenous Cultural Survival                 |          |

|                                               |                                                     |
|-----------------------------------------------|-----------------------------------------------------|
| GLBL 433                                      | Childhood in Cross-Cultural Perspective             |
| GLBL 434                                      | Language Issues for International Studies           |
| GLBL 435                                      | Global Perspectives on Disability                   |
| GLBL 442                                      | South Asia: Development and Social Change           |
| GLBL 444                                      | Development and Social Change in Southeast Asia     |
| GLBL 445                                      | Development and Social Change in Sub-Saharan Africa |
| GLBL 446                                      | Development and Social Change in Latin America      |
| GLBL 448                                      | Bollywood's Lens on Indian Society                  |
| GLBL 463                                      | Population Displacement and Global Health           |
| GLBL 465                                      | Global Reproductive Health                          |
| GLBL 467                                      | Global Mental Health                                |
| <b>Conflict and Dispute Resolution</b>        |                                                     |
| CRES 415                                      | Conflict and Gender                                 |
| CRES 420                                      |                                                     |
| CRES 440                                      | Dialogue across Differences                         |
| CRES 441                                      | Dialogue Across Differences II                      |
| <b>Environmental Studies</b>                  |                                                     |
| ENVS 435                                      | Environmental Justice                               |
| <b>Ethnic Studies</b>                         |                                                     |
| ES 352                                        | Social Equity and Criminal Justice                  |
| ES 450                                        | Race and Incarceration                              |
| ES 452                                        | Race and Ethnicity and the Law: [Topic]             |
| <b>Geography</b>                              |                                                     |
| GEOG 463                                      |                                                     |
| <b>Law</b> <sup>1</sup>                       |                                                     |
| LAW 415                                       | Human Rights, Law, and Culture                      |
| LAW 416                                       | Transitional Justice                                |
| LAW 671                                       | International Law                                   |
| LAW 693                                       | Human Rights and Environment                        |
| <b>Philosophy</b>                             |                                                     |
| PHIL 309                                      | Global Justice                                      |
| <b>Planning, Public Policy and Management</b> |                                                     |
| PPPM 360                                      | International Public Policy                         |
| PPPM 418                                      | Introduction to Public Law                          |
| <b>Political Science</b>                      |                                                     |
| PS 375                                        | Race, Politics, and the Law                         |
| PS 465                                        | LGBT Rights in the Courts                           |
| PS 485                                        | Civil Rights and Civil Liberties                    |
| <b>Sociology</b>                              |                                                     |
| SOC 380                                       | Introduction: Deviance, Control, and Crime          |
| SOC 484                                       | Issues in Deviance, Control, and Crime: [Topic]     |
| <b>Total Credits</b>                          |                                                     |

16

## Food Studies

| Code                                          | Title                                               | Credits  |
|-----------------------------------------------|-----------------------------------------------------|----------|
| <b>Internal Block B Option</b>                |                                                     |          |
| <b>Required Courses</b>                       |                                                     | <b>8</b> |
| GLBL 420                                      | Global Community Development                        |          |
| GLBL 425                                      | Global Food Security                                |          |
| <b>Elective Courses</b>                       |                                                     | <b>8</b> |
| Select two courses from the following:        |                                                     |          |
| <b>Global Studies</b>                         |                                                     |          |
| GLBL 323                                      | Islam and Global Forces                             |          |
| GLBL 340                                      | Global Health and Development                       |          |
| GLBL 345                                      | Africa Today: Issues and Concerns                   |          |
| GLBL 360                                      | International Cooperation and Conflict              |          |
| GLBL 370                                      | International Human Rights                          |          |
| GLBL 415                                      | The Global Story of Race                            |          |
| GLBL 421                                      | Gender and International Development                |          |
| GLBL 422                                      | Aid to Developing Countries                         |          |
| GLBL 423                                      | Development and the Muslim World                    |          |
| GLBL 424                                      | United Nations Intervention in Global Crises        |          |
| GLBL 431                                      | Cross-Cultural Communication                        |          |
| GLBL 432                                      | Indigenous Cultural Survival                        |          |
| GLBL 433                                      | Childhood in Cross-Cultural Perspective             |          |
| GLBL 434                                      | Language Issues for International Studies           |          |
| GLBL 435                                      | Global Perspectives on Disability                   |          |
| GLBL 442                                      | South Asia: Development and Social Change           |          |
| GLBL 444                                      | Development and Social Change in Southeast Asia     |          |
| GLBL 445                                      | Development and Social Change in Sub-Saharan Africa |          |
| GLBL 446                                      | Development and Social Change in Latin America      |          |
| GLBL 448                                      | Bollywood's Lens on Indian Society                  |          |
| GLBL 463                                      | Population Displacement and Global Health           |          |
| GLBL 465                                      | Global Reproductive Health                          |          |
| GLBL 467                                      | Global Mental Health                                |          |
| <b>Economics</b>                              |                                                     |          |
| EC 333                                        | Resource and Environmental Economic Issues          |          |
| <b>Environmental Studies</b>                  |                                                     |          |
| ENVS 435                                      | Environmental Justice                               |          |
| ENVS 450                                      | Political Ecology                                   |          |
| <b>Geography</b>                              |                                                     |          |
| GEOG 430                                      | Long-Term Environmental Change                      |          |
| GEOG 461                                      |                                                     |          |
| GEOG 463                                      |                                                     |          |
| GEOG 465                                      | Environment and Development                         |          |
| <b>Planning, Public Policy and Management</b> |                                                     |          |
| PPPM 443                                      | Natural Resource Policy                             |          |
| <b>Political Science</b>                      |                                                     |          |

<sup>1</sup> A special registration process is required for law courses.

|                      |                                      |
|----------------------|--------------------------------------|
| PS 477               | International Environmental Politics |
| <b>Total Credits</b> | <b>16</b>                            |

## Global Health

| Code                           | Title                         | Credits   |
|--------------------------------|-------------------------------|-----------|
| <b>Internal Block B Option</b> |                               |           |
| <b>Required Course</b>         |                               | <b>4</b>  |
| GLBL 340                       | Global Health and Development |           |
| <b>Elective Courses</b>        |                               | <b>12</b> |

Select three courses from the following:

|                       |                                                     |  |
|-----------------------|-----------------------------------------------------|--|
| <b>Global Studies</b> |                                                     |  |
| GLBL 323              | Islam and Global Forces                             |  |
| GLBL 345              | Africa Today: Issues and Concerns                   |  |
| GLBL 360              | International Cooperation and Conflict              |  |
| GLBL 370              | International Human Rights                          |  |
| GLBL 415              | The Global Story of Race                            |  |
| GLBL 420              | Global Community Development                        |  |
| GLBL 421              | Gender and International Development                |  |
| GLBL 422              | Aid to Developing Countries                         |  |
| GLBL 423              | Development and the Muslim World                    |  |
| GLBL 424              | United Nations Intervention in Global Crises        |  |
| GLBL 425              | Global Food Security                                |  |
| GLBL 431              | Cross-Cultural Communication                        |  |
| GLBL 432              | Indigenous Cultural Survival                        |  |
| GLBL 433              | Childhood in Cross-Cultural Perspective             |  |
| GLBL 434              | Language Issues for International Studies           |  |
| GLBL 435              | Global Perspectives on Disability                   |  |
| GLBL 442              | South Asia: Development and Social Change           |  |
| GLBL 444              | Development and Social Change in Southeast Asia     |  |
| GLBL 445              | Development and Social Change in Sub-Saharan Africa |  |
| GLBL 446              | Development and Social Change in Latin America      |  |
| GLBL 448              | Bollywood's Lens on Indian Society                  |  |
| GLBL 463              | Population Displacement and Global Health           |  |
| GLBL 465              | Global Reproductive Health                          |  |
| GLBL 467              | Global Mental Health                                |  |
| <b>Anthropology</b>   |                                                     |  |
| ANTH 362              | Human Biological Variation                          |  |
| ANTH 369              | Human Growth and Development                        |  |
| ANTH 376              | Decoding Your Genome                                |  |
| ANTH 413              | Culture and Psychology                              |  |
| ANTH 459              | Advanced Evolutionary Medicine                      |  |
| ANTH 474              | Human Skeletal Pathology                            |  |
| <b>Biology</b>        |                                                     |  |
| BI 309                | Tropical Diseases in Africa                         |  |
| BI 353                | Sensory Physiology                                  |  |
| BI 358                | Investigations in Medical Physiology                |  |
| BI 360                | Neurobiology                                        |  |

|                                               |                                           |
|-----------------------------------------------|-------------------------------------------|
| BI 423                                        | Human Molecular Genetics                  |
| BI 426                                        | Genetics of Cancer                        |
| BI 471                                        | Population Ecology                        |
| <b>Economics</b>                              |                                           |
| EC 443                                        | Health Economics                          |
| EC 490                                        | Economic Growth and Development           |
| <b>Geography</b>                              |                                           |
| GEOG 341                                      | Population and Environment                |
| GEOG 468                                      | Contemporary Food Systems                 |
| <b>History</b>                                |                                           |
| <b>Philosophy</b>                             |                                           |
| PHIL 309                                      | Global Justice                            |
| PHIL 335                                      | Medical Ethics                            |
| <b>Planning, Public Policy and Management</b> |                                           |
| PPPM 360                                      | International Public Policy               |
| PPPM 370                                      | Global Sustainable Development and Policy |
| PPPM 460                                      | Health Policy                             |
| <b>Psychology</b>                             |                                           |
| PSY 301                                       | Scientific Thinking in Psychology         |
| PSY 302                                       | Statistical Methods in Psychology         |
| PSY 366                                       | Culture and Mental Health                 |
| PSY 459                                       | Cultural Psychology                       |
| PSY 472                                       | Psychology of Trauma                      |
| <b>Sociology</b>                              |                                           |
| SOC 311                                       | Research Methods                          |
| SOC 312                                       | Statistical Analysis in Sociology         |
| <b>Women's, Gender, and Sexuality Studies</b> |                                           |
| WGS 331                                       | Science, Technology, and Gender           |
| WGS 421                                       | Bodies and Embodiment                     |

**Total Credits** **16**

## Global Education

| Code                                   | Title                                        | Credits  |
|----------------------------------------|----------------------------------------------|----------|
| <b>Internal Block B Option</b>         |                                              |          |
| <b>Required Courses</b>                |                                              | <b>8</b> |
| GLBL 431                               | Cross-Cultural Communication                 |          |
| GLBL 433                               | Childhood in Cross-Cultural Perspective      |          |
| <b>Elective Courses</b>                |                                              | <b>8</b> |
| Select two courses from the following: |                                              |          |
| <b>Global Studies</b>                  |                                              |          |
| GLBL 415                               | The Global Story of Race                     |          |
| GLBL 420                               | Global Community Development                 |          |
| GLBL 421                               | Gender and International Development         |          |
| GLBL 422                               | Aid to Developing Countries                  |          |
| GLBL 423                               | Development and the Muslim World             |          |
| GLBL 424                               | United Nations Intervention in Global Crises |          |
| GLBL 425                               | Global Food Security                         |          |
| GLBL 432                               | Indigenous Cultural Survival                 |          |
| GLBL 434                               | Language Issues for International Studies    |          |
| GLBL 435                               | Global Perspectives on Disability            |          |

|                                               |                                                     |
|-----------------------------------------------|-----------------------------------------------------|
| GLBL 442                                      | South Asia: Development and Social Change           |
| GLBL 444                                      | Development and Social Change in Southeast Asia     |
| GLBL 445                                      | Development and Social Change in Sub-Saharan Africa |
| GLBL 446                                      | Development and Social Change in Latin America      |
| GLBL 448                                      | Bollywood's Lens on Indian Society                  |
| GLBL 463                                      | Population Displacement and Global Health           |
| GLBL 465                                      | Global Reproductive Health                          |
| GLBL 467                                      | Global Mental Health                                |
| <b>Business Administration</b>                |                                                     |
| BA 361                                        | Cross-Cultural Business Communication               |
| <b>Conflict and Dispute Resolution</b>        |                                                     |
| CRES 430                                      | Working Internationally: Culture and Context        |
| CRES 440                                      | Dialogue across Differences                         |
| CRES 441                                      | Dialogue Across Differences II                      |
| <b>Education Studies</b>                      |                                                     |
| EDST 456                                      | Decolonization and Education                        |
| <b>English</b>                                |                                                     |
| ENG 335                                       | Inventing Arguments                                 |
| <b>Geography</b>                              |                                                     |
| GEOG 343                                      | Society, Culture, and Place                         |
| GEOG 445                                      |                                                     |
| <b>Journalism</b>                             |                                                     |
| J 396                                         | International Communication                         |
| <b>Linguistics</b>                            |                                                     |
| LING 211                                      | Languages of the World                              |
| LING 491                                      | Sociolinguistics                                    |
| <b>Music</b>                                  |                                                     |
| MUS 358                                       | Music in World Cultures                             |
| <b>Planning, Public Policy and Management</b> |                                                     |
| PPPM 360                                      | International Public Policy                         |
| PPPM 422                                      | Grant Proposal Writing                              |
| PPPM 452                                      |                                                     |
| <b>Political Science</b>                      |                                                     |
| PS 372                                        | Music and Politics                                  |
| <b>Psychology</b>                             |                                                     |
| PSY 459                                       | Cultural Psychology                                 |
| <b>Sociology</b>                              |                                                     |
| SOC 491                                       | Sociology of Education                              |
| <b>Total Credits</b>                          |                                                     |

16

## Block C: Geographic Focus Areas

Choose 1 of the following 7 Geographic Focus options. Earn 16 credits total:

- A) 1 required GLBL course (4 credits)
- B) 2 or 3 electives (12 credits)

C) All credits must be upper division.

As many as 4 credits in a third-year language sequence may be used to fulfill the geographic focus requirement. Appropriate courses should have significant course content on the region of study. Areas of focus may include Africa, Europe, Latin America and the Caribbean, the Middle East, North America, South and Central Asia, and East and Southeast Asia. A North American geographic focus is only open to international students.

Students may submit a substitution request to use one term (4.00 or 5.00 credits) of introductory (100 or 200-level) language for their geographic focus requirement, and, as long as it is confirmed as different from the language the student is using for their 3-year language requirement for the major, the substitution will be approved. Students seeking this exceptional substitution should discuss the matter with Global Connections Advisors in the Tykeson College & Career Advising unit.

- Africa (p. 366)
- Europe (p. 367)
- Southeast & East Asia (p. 368)
- South & Central Asia (p. 369)
- Latin America & Caribbean (p. 370)
- Middle East (p. 370)
- North America (p. 371)

## Africa

| Code                                                | Title                                               | Credits   |
|-----------------------------------------------------|-----------------------------------------------------|-----------|
| <b>Required Course</b>                              |                                                     | <b>4</b>  |
| Select one of the following Global Studies courses: |                                                     |           |
| Recommended GLBL course options                     |                                                     |           |
| GLBL 345                                            | Africa Today: Issues and Concerns                   |           |
| GLBL 445                                            | Development and Social Change in Sub-Saharan Africa |           |
| Other GLBL course options                           |                                                     |           |
| GLBL 323                                            | Islam and Global Forces                             |           |
| GLBL 423                                            | Development and the Muslim World                    |           |
| GLBL 432                                            | Indigenous Cultural Survival                        |           |
| <b>Elective Courses</b>                             |                                                     | <b>12</b> |
| Select three courses from the following:            |                                                     |           |
| Non-Language Elective course options                |                                                     |           |
| <b>Anthropology</b>                                 |                                                     |           |
| ANTH 342                                            | Archaeology of Egypt and Near East                  |           |
| ANTH 453                                            | African Archaeology                                 |           |
| <b>Biology</b>                                      |                                                     |           |
| BI 309                                              | Tropical Diseases in Africa                         |           |
| <b>Dance</b>                                        |                                                     |           |
| DAN 301                                             | African Dance Aesthetics                            |           |
| <b>Folklore and Public Culture</b>                  |                                                     |           |
| FLR 225                                             | Voices of Africa                                    |           |
| <b>French</b>                                       |                                                     |           |
| FR 312                                              | French Survey: Francophone Literature               |           |
| FR 361                                              | French Cinema for Nonmajors                         |           |
| FR 425                                              | French-English Translation                          |           |
| <b>Geography</b>                                    |                                                     |           |

|                                                                                                                                                    |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| GEOG 209                                                                                                                                           | Geography of the Middle East and North Africa |
| <b>History</b>                                                                                                                                     |                                               |
| HIST 325                                                                                                                                           | Precolonial Africa                            |
| HIST 326                                                                                                                                           | Colonial and Postcolonial Africa              |
| HIST 417                                                                                                                                           | Society and Culture in Modern Africa: [Topic] |
| HIST 419                                                                                                                                           | African Regional Histories: [Topic]           |
| <b>Music</b>                                                                                                                                       |                                               |
| MUS 452                                                                                                                                            | Musical Instruments of the World              |
| MUS 462                                                                                                                                            | Popular Musics in the African Diaspora        |
| Language Elective course options (As many as 4 credits in a third-year language sequence may be used to fulfill the geographic focus requirement.) |                                               |
| <b>Arabic</b>                                                                                                                                      |                                               |
| ARB 301                                                                                                                                            | Language and Culture I                        |
| ARB 302                                                                                                                                            | Language and Culture II                       |
| ARB 303                                                                                                                                            | Language and Culture III                      |
| ARB 331                                                                                                                                            | Reading Classical Arabic                      |
| <b>French</b>                                                                                                                                      |                                               |
| FR 301                                                                                                                                             | La France contemporaine                       |
| FR 307                                                                                                                                             | Oral Skills                                   |
| <b>Total Credits</b>                                                                                                                               |                                               |
| <b>16</b>                                                                                                                                          |                                               |

## Europe

| Code                                                | Title                                        | Credits   |
|-----------------------------------------------------|----------------------------------------------|-----------|
| <b>Required Course</b>                              |                                              | <b>4</b>  |
| Select one of the following Global Studies courses: |                                              |           |
| Recommended GLOBL course options                    |                                              |           |
| GLOBL 424                                           | United Nations Intervention in Global Crises |           |
| Other GLOBL course options                          |                                              |           |
| GLOBL 432                                           | Indigenous Cultural Survival                 |           |
| <b>Elective Courses</b>                             |                                              | <b>12</b> |
| Select three courses from the following:            |                                              |           |
| Non-Language Elective course options                |                                              |           |
| <b>Anthropology</b>                                 |                                              |           |
| ANTH 430                                            | Balkan Society and Folklore                  |           |
| <b>Art History</b>                                  |                                              |           |
| ARH 421                                             | Ancient Mediterranean Art: [Topic]           |           |
| ARH 314                                             | History of World Architecture I              |           |
| ARH 315                                             | History of World Architecture II             |           |
| ARH 322                                             | Ancient Greek Art & Architecture             |           |
| ARH 327                                             |                                              |           |
| ARH 348                                             | Rome in Age of Bernini                       |           |
| ARH 352                                             | Art of the Enlightenment                     |           |
| ARH 425                                             | Medieval Art and Architecture: [Topic]       |           |
| <b>Classics</b>                                     |                                              |           |
| CLAS 301                                            | Greek and Roman Epic                         |           |
| CLAS 302                                            | Greek and Roman Tragedy                      |           |
| CLAS 303                                            | Classical Greek Philosophers                 |           |
| <b>English</b>                                      |                                              |           |
| ENG 321                                             | English Novel                                |           |

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| ENG 425                  | Medieval Romance                                        |
| ENG 427                  | Chaucer                                                 |
| ENG 428                  | Old English I                                           |
| <b>French</b>            |                                                         |
| FR 317                   | French Survey: Medieval and Renaissance                 |
| FR 318                   | Monarchy, Liberty, Revolution                           |
| FR 319                   | French Survey: 19th and 20th Centuries                  |
| FR 330                   | French Poetry                                           |
| FR 331                   | French Theater                                          |
| FR 333                   | French Narrative                                        |
| FR 361                   | French Cinema for Nonmajors                             |
| FR 362                   | French Film                                             |
| FR 451                   | Baroque Theater: [Topic]                                |
| FR 480                   | 19th-Century Literature: [Topic]                        |
| FR 490                   | 20th-Century Literature: [Topic]                        |
| <b>German</b>            |                                                         |
| GER 351                  | Diversity in Germany                                    |
| GER 352                  |                                                         |
| GER 354                  | German Gender Studies                                   |
| GER 355                  | German Cinema: History, Theory, Practice                |
| GER 356                  | German Fairy Tales                                      |
| GER 360                  | Introduction to German Literature: Poetry, Plays, Prose |
| GER 361                  | Introduction to German Literature: Literary Movements   |
| GER 425                  | Play Performance: [Topic]                               |
| <b>History</b>           |                                                         |
| HIST 301                 | Modern Europe                                           |
| HIST 302                 | Modern Europe                                           |
| HIST 303                 | Modern Europe                                           |
| HIST 320                 | High Middle Ages in Europe                              |
| HIST 321                 | Late Middle Ages in Europe                              |
| HIST 332                 |                                                         |
| HIST 336                 |                                                         |
| HIST 337                 | France                                                  |
| HIST 342                 | German History: [Topic]                                 |
| HIST 345                 |                                                         |
| HIST 347                 | Soviet Union and Contemporary Russia                    |
| HIST 412                 | Ancient Greece: [Topic]                                 |
| HIST 414                 | Ancient Rome: [Topic]                                   |
| HIST 420                 |                                                         |
| HIST 425                 |                                                         |
| HIST 427                 | Intellectual History of Modern Europe: [Topic]          |
| HIST 428                 | Europe in the 20th Century: [Topic]                     |
| HIST 443                 | Modern Germany: [Topic]                                 |
| <b>Italian</b>           |                                                         |
| ITAL 319                 | Italian Survey: 19th and 20th Centuries                 |
| ITAL 449                 | Humanism and the Renaissance                            |
| <b>Political Science</b> |                                                         |
| PS 324                   | European Politics                                       |
| PS 387                   | Russian Politics                                        |
| PS 433                   | Marxism and Radical Thought                             |



**Russian**

RUSS 309 Russian through Theater

RUSS 331

RUSS 351 Russian Literature and Film

RUSS 426

RUSS 434

**Scandinavian**

SCAN 315 Nordic Cinema

SCAN 317 Directors, Movements, and Manifestos

SCAN 325 Constructions versus Constrictions of Identity

SCAN 341 Revisions of the Scandinavian Dream

SCAN 343 Norse Mythology

SCAN 354 Genres in Scandinavian Literature

**Spanish**

SPAN 312 Spanish in the Media

SPAN 322 Introduction to Hispanic Linguistics

SPAN 341 Hispanic Cultures through Literature I

SPAN 342 Hispanic Cultures through Literature II

SPAN 343 Hispanic Cultures through Literature III

SPAN 344 Hispanic Cultures through Literature IV

SPAN 350 Introduction to Poetry

SPAN 350 Introduction to Poetry

SPAN 351 Introduction to Theater

SPAN 353 Introduction to Narrative

SPAN 355 Creative Writing in Spanish

SPAN 424 History of the Spanish Language

SPAN 450

SPAN 466 Introduction to Spanish Golden Age

SPAN 480 19th-Century Spanish American Literature: [Topic]

SPAN 490 20th-Century Latin American Literature: [Topic]

**Sociology**

SOC 475 Marxist Sociological Theory

Language Elective course options (As many as 4 credits in a third-year language sequence may be used to fulfill the geographic focus requirement.)

**French**

FR 301 La France contemporaine

FR 302 Culture et langage: Le monde francophone contemporain

FR 307 Oral Skills

FR 331 French Theater

FR 425 French-English Translation

**German**

GER 311 Intermediate Language Training

GER 411 Advanced Language Training

GER 412 Advanced Language Training

**Greek**

GRK 301 Authors: [Topic]

GRK 302 Authors: [Topic]

GRK 411 Authors: [Topic]

**Italian**

ITAL 301 Cultura e lingua: l'Italia contemporanea

ITAL 305 Cultura e lingua: arte, musica, i mass media

ITAL 307 Oral Skills

ITAL 318 Italian Survey: Baroque and Enlightenment

ITAL 320 Intensive Italian Grammar Review

**Latin**

LAT 301 Authors: [Topic]

LAT 411 Authors: [Topic]

**Russian**

RUSS 316 Third-Year Russian

RUSS 317 Third-Year Russian

RUSS 318 Third-Year Russian

RUSS 436 Advanced Russian: [Topic]

**Spanish**

SPAN 301 Cultura y Lengua: Identidades Hispanas

SPAN 303 Cultura y lengua: expresiones artisticas

SPAN 305 Cultura y lengua: cambios sociales

SPAN 307 Oral Skills

SPAN 308 Cultura y lengua: comunidades bilingues

SPAN 312 Spanish in the Media

SPAN 322 Introduction to Hispanic Linguistics

SPAN 344 Hispanic Cultures through Literature IV

**Portuguese**

PORT 305 Cultura e lingua: Brasil ontem e hoje

**Total Credits****16****Southeast & East Asia**

| Code                   | Title | Credits  |
|------------------------|-------|----------|
| <b>Required Course</b> |       | <b>4</b> |

Select one of the following Global Studies courses:

Recommended GBLB course options

GLBL 444 Development and Social Change in Southeast Asia

Other GBLB course options

GLBL 323 Islam and Global Forces

**Elective Courses****12**

Select three courses from the following:

Non-Language Elective course options

**Anthropology**

ANTH 343 Pacific Islands Archaeology

ANTH 345 Archaeology of East Asia

**Art History**

ARH 387 Chinese Buddhist Art

ARH 485 Japanese Art: [Topic]

ARH 488 Japanese Prints

**Asian Studies**

ASIA 350 What Is Asia: Theoretical Debates

ASIA 425 Asian Foodways

**Chinese**

CHN 305 History of Chinese Literature

|                                               |                                                        |
|-----------------------------------------------|--------------------------------------------------------|
| CHN 306                                       | History of Chinese Literature II, The Imperial Age     |
| CHN 307                                       | History of Chinese Literature                          |
| CHN 308                                       | Literature of Modern Taiwan                            |
| CHN 350                                       | Gender and Sexuality in Traditional Chinese Literature |
| CHN 351                                       | Gender and Sexuality in Modern Chinese Literature      |
| CHN 399                                       | Special Studies: [Topic]                               |
| CHN 407                                       | Seminar: [Topic]                                       |
| CHN 410                                       | Experimental Course: [Topic]                           |
| CHN 411                                       |                                                        |
| CHN 412                                       |                                                        |
| CHN 413                                       | Modern Chinese Texts: [Topic]                          |
| CHN 421                                       | Intermediate Language Strategies                       |
| CHN 422                                       | Intermediate Language Strategies                       |
| CHN 436                                       | Literary Chinese                                       |
| CHN 437                                       | Literary Chinese                                       |
| CHN 439                                       | Chinese Academic Writing                               |
| CHN 445                                       | Advanced Chinese: [Topic]                              |
| CHN 452                                       | Chinese Film and Theory                                |
| CHN 480                                       | Chinese Linguistics                                    |
| CHN 481                                       | Pedagogical Grammar of Chinese                         |
| CHN 482                                       | History of the Chinese Language                        |
| <b>Cinema Studies</b>                         |                                                        |
| CINE 362M                                     | Contemporary Korean Film                               |
| <b>East Asian Languages &amp; Literatures</b> |                                                        |
| EALL 399                                      | Special Studies: [Topic]                               |
| EALL 407                                      | Seminar: [Topic]                                       |
| EALL 410                                      | Experimental Course: [Topic]                           |
| EALL 442                                      | Second-Language Acquisition                            |
| <b>English</b>                                |                                                        |
| ENG 362                                       |                                                        |
| <b>History</b>                                |                                                        |
| HIST 387                                      | Early China                                            |
| HIST 396                                      | Samurai in Film                                        |
| HIST 487                                      | China: [Topic]                                         |
| HIST 498                                      | Early Japanese Culture and Society: [Topic]            |
| <b>Japanese</b>                               |                                                        |
| JPN 305                                       | Introduction to Japanese Literature                    |
| JPN 306                                       | Introduction to Japanese Literature                    |
| JPN 307                                       | Introduction to Japanese Literature                    |
| JPN 399                                       | Special Studies: [Topic]                               |
| JPN 407                                       | Seminar: [Topic]                                       |
| JPN 410                                       | Experimental Course: [Topic]                           |
| JPN 411                                       | Fourth-Year Spoken Japanese                            |
| JPN 412                                       | Fourth-Year Spoken Japanese                            |
| JPN 413                                       | Fourth-Year Spoken Japanese                            |
| JPN 414                                       | Fourth-Year Reading and Writing Japanese               |
| JPN 415                                       | Fourth-Year Reading and Writing Japanese               |
| JPN 416                                       | Fourth-Year Reading and Writing Japanese               |
| JPN 425                                       | Modern Japanese Literature: [Topic]                    |

|                                                                                                                                                    |                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| JPN 434                                                                                                                                            | Advanced Readings in Japanese Literature    |
| JPN 435                                                                                                                                            | Advanced Readings in Japanese Literature    |
| JPN 471                                                                                                                                            | The Japanese Cinema                         |
| <b>Korean</b>                                                                                                                                      |                                             |
| KRN 315                                                                                                                                            | Introduction to Korean Linguistics          |
| KRN 361                                                                                                                                            | Korean Popular Culture and Transnationalism |
| KRN 362M                                                                                                                                           | Contemporary Korean Film                    |
| KRN 399                                                                                                                                            | Special Studies: [Topic]                    |
| KRN 410                                                                                                                                            | Experimental Course: [Topic]                |
| <b>Political Science</b>                                                                                                                           |                                             |
| PS 342                                                                                                                                             | Politics of China                           |
| PS 345                                                                                                                                             | Southeast Asian Politics                    |
| PS 460                                                                                                                                             |                                             |
| <b>Religious Studies</b>                                                                                                                           |                                             |
| REL 302                                                                                                                                            | Chinese Religions                           |
| REL 303                                                                                                                                            | Japanese Religions                          |
| REL 353                                                                                                                                            | Dark Self, East and West                    |
| REL 440                                                                                                                                            | Readings in Buddhist Scriptures             |
| Language Elective course options (As many as 4 credits in a third-year language sequence may be used to fulfill the geographic focus requirement.) |                                             |
| <b>Chinese</b>                                                                                                                                     |                                             |
| CHN 301                                                                                                                                            | Third-Year Chinese                          |
| CHN 302                                                                                                                                            | Third-Year Chinese                          |
| CHN 303                                                                                                                                            | Third-Year Chinese                          |
| <b>Japanese</b>                                                                                                                                    |                                             |
| JPN 301                                                                                                                                            | Third-Year Japanese                         |
| JPN 302                                                                                                                                            | Third-Year Japanese                         |
| JPN 303                                                                                                                                            | Third-Year Japanese                         |
| <b>Korean</b>                                                                                                                                      |                                             |
| KRN 301                                                                                                                                            | Third Year Korean                           |
| KRN 302                                                                                                                                            | Third-Year Korean                           |
| KRN 303                                                                                                                                            | Third-Year Korean                           |

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>16</b> |
|----------------------|-----------|

## South & Central Asia

| Code                                                | Title                                     | Credits   |
|-----------------------------------------------------|-------------------------------------------|-----------|
| <b>Required Course</b>                              |                                           | <b>4</b>  |
| Select one of the following Global Studies courses: |                                           |           |
| Recommended GLOBL course options                    |                                           |           |
| GLBL 442                                            | South Asia: Development and Social Change |           |
| Other GLOBL course options                          |                                           |           |
| GLBL 415                                            | The Global Story of Race                  |           |
| GLBL 423                                            | Development and the Muslim World          |           |
| GLBL 448                                            | Bollywood's Lens on Indian Society        |           |
| <b>Elective Courses</b>                             |                                           | <b>12</b> |
| Select three courses from the following:            |                                           |           |
| Non-Language Elective course options                |                                           |           |
| <b>Asian Studies</b>                                |                                           |           |
| ASIA 350                                            | What Is Asia: Theoretical Debates         |           |
| <b>Anthropology</b>                                 |                                           |           |

|                          |                                  |
|--------------------------|----------------------------------|
| ANTH 331                 | Cultures of India and South Asia |
| <b>History</b>           |                                  |
| HIST 386                 | India                            |
| <b>Religious Studies</b> |                                  |
| REL 353                  | Dark Self, East and West         |
| REL 440                  | Readings in Buddhist Scriptures  |
| <b>Total Credits</b>     |                                  |
| <b>16</b>                |                                  |

Latin America & Caribbean

|                                                     |                                                |                |
|-----------------------------------------------------|------------------------------------------------|----------------|
| <b>Code</b>                                         | <b>Title</b>                                   | <b>Credits</b> |
| <b>Required Course</b>                              |                                                | <b>4</b>       |
| Select one of the following Global Studies courses: |                                                |                |
| Recommended GLOBL course options                    |                                                |                |
| GLBL 446                                            | Development and Social Change in Latin America |                |
| <b>Elective Courses</b>                             |                                                | <b>12</b>      |
| Select three courses from the following:            |                                                |                |
| Non-Language Elective course options                |                                                |                |
| <b>Anthropology</b>                                 |                                                |                |
| ANTH 329                                            | Immigration and Farmworkers                    |                |
| ANTH 427M                                           | Latino Roots I                                 |                |
| ANTH 438                                            | Race and Gender in Latin America               |                |
| <b>Art History</b>                                  |                                                |                |
| ARH 471                                             | Latin American Art History: [Topic]            |                |
| <b>Education Studies</b>                            |                                                |                |
| EDST 456                                            | Decolonization and Education                   |                |
| <b>Ethnic Studies</b>                               |                                                |                |
| ES 442                                              | Caribbean Literature and Politics              |                |
| <b>History</b>                                      |                                                |                |
| HIST 380                                            | Latin America                                  |                |
| HIST 381                                            | Latin America                                  |                |
| HIST 382                                            | Latin America, 1910 to the Present             |                |
| HIST 480                                            |                                                |                |
| HIST 483                                            | Latin America: [Topic]                         |                |
| <b>Music</b>                                        |                                                |                |
| MUS 359                                             | Music of the Americas                          |                |
| <b>Philosophy</b>                                   |                                                |                |
| PHIL 342                                            | Introduction to Latin American Philosophy      |                |
| <b>Political Science</b>                            |                                                |                |
| PS 330                                              | Governments and Politics in Latin America      |                |
| <b>Spanish</b>                                      |                                                |                |
| SPAN 312                                            | Spanish in the Media                           |                |
| SPAN 341                                            | Hispanic Cultures through Literature I         |                |
| SPAN 342                                            | Hispanic Cultures through Literature II        |                |
| SPAN 343                                            | Hispanic Cultures through Literature III       |                |
| SPAN 344                                            | Hispanic Cultures through Literature IV        |                |
| SPAN 348                                            | United States Latino Literature and Culture    |                |
| SPAN 350                                            | Introduction to Poetry                         |                |
| SPAN 351                                            | Introduction to Theater                        |                |
| SPAN 353                                            | Introduction to Narrative                      |                |
| SPAN 355                                            | Creative Writing in Spanish                    |                |
| SPAN 399                                            | Special Studies: [Topic]                       |                |

|                                                                                                                                                    |                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| SPAN 407                                                                                                                                           | Seminar: [Topic]                                        |
| SPAN 410                                                                                                                                           | Experimental Course: [Topic]                            |
| SPAN 424                                                                                                                                           | History of the Spanish Language                         |
| SPAN 448                                                                                                                                           | National Identities and Border Cultures in the Americas |
| SPAN 450                                                                                                                                           |                                                         |
| SPAN 466                                                                                                                                           | Introduction to Spanish Golden Age                      |
| SPAN 480                                                                                                                                           | 19th-Century Spanish American Literature: [Topic]       |
| SPAN 490                                                                                                                                           | 20th-Century Latin American Literature: [Topic]         |
| Language Elective course options (As many as 4 credits in a third-year language sequence may be used to fulfill the geographic focus requirement.) |                                                         |
| <b>French</b>                                                                                                                                      |                                                         |
| FR 301                                                                                                                                             | La France contemporaine                                 |
| FR 302                                                                                                                                             | Culture et langage: Le monde francophone contemporain   |
| FR 307                                                                                                                                             | Oral Skills                                             |
| FR 425                                                                                                                                             | French-English Translation                              |
| <b>Spanish</b>                                                                                                                                     |                                                         |
| SPAN 301                                                                                                                                           | Cultura y Lengua: Identidades Hispanas                  |
| SPAN 303                                                                                                                                           | Cultura y lengua: expresiones artisticas                |
| SPAN 305                                                                                                                                           | Cultura y lengua: cambios sociales                      |
| SPAN 307                                                                                                                                           | Oral Skills                                             |
| SPAN 308                                                                                                                                           | Cultura y lengua: comunidades bilingues                 |
| SPAN 312                                                                                                                                           | Spanish in the Media                                    |
| SPAN 322                                                                                                                                           | Introduction to Hispanic Linguistics                    |
| SPAN 344                                                                                                                                           | Hispanic Cultures through Literature IV                 |
| <b>Portuguese</b>                                                                                                                                  |                                                         |
| PORT 305                                                                                                                                           | Cultura e lingua: Brasil ontem e hoje                   |
| <b>Total Credits</b>                                                                                                                               |                                                         |
| <b>16</b>                                                                                                                                          |                                                         |

Middle East

|                                                     |                                    |                |
|-----------------------------------------------------|------------------------------------|----------------|
| <b>Code</b>                                         | <b>Title</b>                       | <b>Credits</b> |
| <b>Required Course</b>                              |                                    | <b>4</b>       |
| Select one of the following Global Studies courses: |                                    |                |
| Recommended GLOBL course options                    |                                    |                |
| GLBL 323                                            | Islam and Global Forces            |                |
| GLBL 423                                            | Development and the Muslim World   |                |
| Other GLOBL course options                          |                                    |                |
| GLBL 345                                            | Africa Today: Issues and Concerns  |                |
| <b>Elective Courses</b>                             |                                    | <b>12</b>      |
| Select three courses from the following:            |                                    |                |
| Non-Language Elective course options                |                                    |                |
| <b>Anthropology</b>                                 |                                    |                |
| ANTH 342                                            | Archaeology of Egypt and Near East |                |
| ANTH 429                                            | Jewish Folklore and Ethnology      |                |
| <b>Arabic</b>                                       |                                    |                |
| ARB 331                                             | Reading Classical Arabic           |                |
| ARB 353                                             | Arab Cinema                        |                |
| ARB 399                                             | Special Studies: [Topic]           |                |
| ARB 407                                             | Seminar: [Topic]                   |                |

|                                                                                                                                                    |                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| ARB 410                                                                                                                                            | Experimental Course: [Topic] |
| <b>Conflict and Dispute Resolution</b>                                                                                                             |                              |
| CRES 435                                                                                                                                           | Israel and Palestine         |
| <b>English</b>                                                                                                                                     |                              |
| ENG 340                                                                                                                                            | Jewish Writers               |
| <b>Folklore and Public Culture</b>                                                                                                                 |                              |
| FLR 350                                                                                                                                            | Folklore and the Bible       |
| <b>History</b>                                                                                                                                     |                              |
| HIST 450                                                                                                                                           | The Iraq War                 |
| <b>Religious Studies</b>                                                                                                                           |                              |
| REL 317                                                                                                                                            | Jesus and the Gospels        |
| REL 335                                                                                                                                            | Introduction to the Qur'an   |
| REL 353                                                                                                                                            | Dark Self, East and West     |
| REL 357                                                                                                                                            | War, Terrorism, and Religion |
| REL 414                                                                                                                                            | Biblical Book: [Topic]       |
| REL 432                                                                                                                                            | Islamic Mysticism: [Topic]   |
| Language Elective course options (As many as 4 credits in a third-year language sequence may be used to fulfill the geographic focus requirement.) |                              |
| <b>Arabic</b>                                                                                                                                      |                              |
| ARB 301                                                                                                                                            | Language and Culture I       |
| ARB 302                                                                                                                                            | Language and Culture II      |
| ARB 303                                                                                                                                            | Language and Culture III     |
| ARB 331                                                                                                                                            | Reading Classical Arabic     |
| <b>Hebrew</b>                                                                                                                                      |                              |
| HBRW 311                                                                                                                                           | Biblical Narrative           |
| HBRW 312                                                                                                                                           |                              |
| <b>Total Credits</b>                                                                                                                               |                              |
| <b>16</b>                                                                                                                                          |                              |

## North America

| Code                                                | Title                             | Credits   |
|-----------------------------------------------------|-----------------------------------|-----------|
| <b>Required Course</b>                              |                                   | <b>4</b>  |
| Select one of the following Global Studies courses: |                                   |           |
| Recommended GLOBL course options                    |                                   |           |
| GLBL 432                                            | Indigenous Cultural Survival      |           |
| <b>Elective Courses</b>                             |                                   | <b>12</b> |
| Select three courses from the following:            |                                   |           |
| Non-Language Elective course options                |                                   |           |
| <b>Anthropology</b>                                 |                                   |           |
| ANTH 320                                            | Native North Americans            |           |
| ANTH 322                                            | Anthropology of the United States |           |
| ANTH 344                                            | Oregon Archaeology                |           |
| ANTH 427M                                           | Latino Roots I                    |           |
| ANTH 443                                            | North American Archaeology        |           |
| <b>Art History</b>                                  |                                   |           |
| ARH 466                                             | American Architecture III         |           |
| <b>American Sign Language</b>                       |                                   |           |
| ASL 301                                             | American Deaf Culture             |           |
| <b>Cinema Studies</b>                               |                                   |           |
| CINE 411M                                           | US Film Industry                  |           |
| <b>English</b>                                      |                                   |           |
| ENG 325                                             | Literature of the Northwest       |           |

|                          |                                              |
|--------------------------|----------------------------------------------|
| ENG 360                  | African American Writers                     |
| ENG 361                  | Native American Writers                      |
| ENG 362                  |                                              |
| ENG 363                  | Chicano and Latino Writers                   |
| ENG 364                  |                                              |
| ENG 391                  | American Novel                               |
| ENG 392                  | American Novel                               |
| ENG 480                  | Modern American Superhero                    |
| <b>Ethnic Studies</b>    |                                              |
| ES 310                   | Race and Popular Culture: [Topic]            |
| ES 330                   | Women of Color: Issues and Concerns          |
| ES 350                   | Native Americans and the Environment         |
| ES 352                   | Social Equity and Criminal Justice           |
| ES 452                   | Race and Ethnicity and the Law: [Topic]      |
| ES 456                   | History of Native American Education         |
| <b>Geography</b>         |                                              |
| GEOG 471                 | North American Historical Landscapes         |
| <b>History</b>           |                                              |
| HIST 308                 | History of Women in the United States I      |
| HIST 309                 | History of Women in the United States II     |
| HIST 340                 | US Military History                          |
| HIST 352                 | The United States in the 1960s               |
| HIST 363                 | American Business History                    |
| HIST 388                 | Vietnam War and the United States            |
| HIST 416                 | Advanced Women's History: [Topic]            |
| HIST 449                 | Race and Ethnicity in the American West      |
| HIST 455                 | Colonial American History                    |
| HIST 456                 | Revolutionary America                        |
| HIST 457                 | 19th-Century United States: [Topic]          |
| HIST 463                 | American Economic History: [Topic]           |
| HIST 468                 | The Pacific Northwest                        |
| HIST 469                 | American Indian History: [Topic]             |
| HIST 470                 | African American History to 1877: [Topic]    |
| HIST 471                 | African American History since 1877: [Topic] |
| HIST 473                 | American Environmental History: [Topic]      |
| <b>Journalism</b>        |                                              |
| J 411M                   | US Film Industry                             |
| J 412                    | Issues in Communication Studies: [Topic]     |
| <b>Music</b>             |                                              |
| MUS 360                  | Hip-Hop Music: History, Culture, Aesthetics  |
| <b>Philosophy</b>        |                                              |
| PHIL 420                 | American Philosophy: [Topic]                 |
| PHIL 451                 | Native American Philosophy                   |
| <b>Political Science</b> |                                              |
| PS 302                   | States' Rights and Wrongs                    |
| PS 308                   | United States Political Thought              |
| PS 326                   | United States Foreign Policy I               |
| PS 346                   | Terrorism and Weapons Proliferation          |
| PS 347                   | Political Power, Influence, and Control      |
| PS 349                   | Mass Media and American Politics             |
| PS 350                   | Politics and Film                            |

|                                               |                                                         |
|-----------------------------------------------|---------------------------------------------------------|
| PS 351                                        | Democratic Dilemmas                                     |
| PS 352                                        | Political Parties and Elections                         |
| PS 372                                        | Music and Politics                                      |
| PS 386                                        | United States Social Movements and Political Change     |
| PS 433                                        | Marxism and Radical Thought                             |
| PS 449                                        | Racial Politics in the United States                    |
| PS 465                                        | LGBT Rights in the Courts                               |
| PS 467                                        | The United States Presidency                            |
| PS 479                                        | U.S. Interventions in Developing Nations                |
| PS 484                                        | United States Supreme Court                             |
| PS 495                                        | United States Political Economy                         |
| <b>Sociology</b>                              |                                                         |
| SOC 301                                       | American Society                                        |
| SOC 475                                       | Marxist Sociological Theory                             |
| <b>Spanish</b>                                |                                                         |
| SPAN 348                                      | United States Latino Literature and Culture             |
| SPAN 448                                      | National Identities and Border Cultures in the Americas |
| SPAN 480                                      | 19th-Century Spanish American Literature: [Topic]       |
| <b>Women's, Gender, and Sexuality Studies</b> |                                                         |
| WGS 303                                       | Women and Gender in American History                    |
| WGS 321                                       | Feminist Perspectives: Identity, Race, Culture          |
| <b>Total Credits</b>                          |                                                         |
| <b>16</b>                                     |                                                         |

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in Global Studies

Below is an example of how to complete a BA in global studies with a diplomacy and international relations professional concentration and a Middle East geographic focus. Since the major offers 16 options for professional concentration areas and seven different geographic focus regions, with a wide variety of courses that can count toward each concentration, there are innumerable paths through the global studies major.

This degree plan is for general planning purposes only and, due to the interdisciplinary nature of the major, it is imperative that students speak with advisors to determine which courses would best match their personal, professional, and academic goals.

| Course                              | Title                                | Credits   | Milestones |
|-------------------------------------|--------------------------------------|-----------|------------|
| <b>First Year</b>                   |                                      |           |            |
| <b>Fall</b>                         |                                      |           |            |
| CHN 101                             | First-Year Chinese                   | 5         |            |
| GLBL 101                            | Introduction to International Issues | 4         |            |
| WR 121Z                             | Composition I                        | 4         |            |
| General-education course in science |                                      | 4         |            |
| <b>Credits</b>                      |                                      | <b>17</b> |            |

|                                              |                                             |              |
|----------------------------------------------|---------------------------------------------|--------------|
| <b>Winter</b>                                |                                             |              |
| CHN 102                                      | First-Year Chinese                          | 5            |
| WR 123                                       | College Composition III                     | 4            |
| GLBL 250                                     | Value Systems in Cross-Cultural Perspective | 4            |
| General-education course in social science   |                                             | 4            |
| <b>Credits</b>                               |                                             | <b>17</b>    |
| <b>Spring</b>                                |                                             |              |
| CHN 103                                      | First-Year Chinese                          | 5            |
| GLBL 199                                     | Special Studies: [Topic]                    | 1-5          |
| General-education course in arts and letters |                                             | 4            |
| General-education course in social science   |                                             | 4            |
| <b>Credits</b>                               |                                             | <b>14-18</b> |
| <b>Total Credits</b>                         |                                             | <b>48-52</b> |

| Course                              | Title                                     | Credits   | Milestones |
|-------------------------------------|-------------------------------------------|-----------|------------|
| <b>Second Year</b>                  |                                           |           |            |
| <b>Fall</b>                         |                                           |           |            |
| CHN 201                             | Second-Year Chinese                       | 5         |            |
| GLBL 240                            | Perspectives on International Development | 4         |            |
| General-education course in science |                                           | 4         |            |
| Elective course                     |                                           | 4         |            |
| <b>Credits</b>                      |                                           | <b>17</b> |            |

|                                              |                                              |           |
|----------------------------------------------|----------------------------------------------|-----------|
| <b>Winter</b>                                |                                              |           |
| CHN 202                                      | Second-Year Chinese                          | 5         |
| GLBL 260                                     | Culture, Capitalism, and Globalization       | 4         |
| General-education course in social science   |                                              | 4         |
| Elective course                              |                                              | 4         |
| <b>Credits</b>                               |                                              | <b>17</b> |
| <b>Spring</b>                                |                                              |           |
| CHN 203                                      | Second-Year Chinese                          | 5         |
| GLBL 280                                     | Global Environmental Issues and Alternatives | 4         |
| General-education course in arts and letters |                                              | 4         |
| Elective course                              |                                              | 4         |
| <b>Credits</b>                               |                                              | <b>17</b> |
| <b>Total Credits</b>                         |                                              | <b>51</b> |

| Course                                       | Title                            | Credits   | Milestones |
|----------------------------------------------|----------------------------------|-----------|------------|
| <b>Third Year</b>                            |                                  |           |            |
| <b>Fall</b>                                  |                                  |           |            |
| CHN 301                                      | Third-Year Chinese               | 5         |            |
| REL 335                                      | Introduction to the Qur'an       | 4         |            |
| General-education course in arts and letters |                                  | 4         |            |
| Elective course                              |                                  | 4         |            |
| <b>Credits</b>                               |                                  | <b>17</b> |            |
| <b>Winter</b>                                |                                  |           |            |
| CHN 302                                      | Third-Year Chinese               | 5         |            |
| GLBL 423                                     | Development and the Muslim World | 4         |            |
| General-education course in science          |                                  | 4         |            |
| Elective course                              |                                  | 4         |            |
| <b>Credits</b>                               |                                  | <b>17</b> |            |



**Spring**

|                                            |                              |           |
|--------------------------------------------|------------------------------|-----------|
| CHN 303                                    | Third-Year Chinese           | 5         |
| GLBL 431                                   | Cross-Cultural Communication | 4         |
| General-education course in social science |                              | 4         |
| Elective course                            |                              | 4         |
| <b>Credits</b>                             |                              | <b>17</b> |
| <b>Total Credits</b>                       |                              | <b>51</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                     |                       |           |
|-------------------------------------|-----------------------|-----------|
| ENVS 435                            | Environmental Justice | 4         |
| General-education course in science |                       | 4         |
| Elective courses                    |                       | 8         |
| <b>Credits</b>                      |                       | <b>16</b> |

**Winter**

|                                              |                      |           |
|----------------------------------------------|----------------------|-----------|
| CRES 435                                     | Israel and Palestine | 4         |
| SOC 465                                      | Political Sociology  | 4         |
| General-education course in arts and letters |                      | 4         |
| Elective course                              |                      | 4         |
| <b>Credits</b>                               |                      | <b>16</b> |

**Spring**

|                      |                             |           |
|----------------------|-----------------------------|-----------|
| GLBL 422             | Aid to Developing Countries | 4         |
| Elective courses     |                             | 12        |
| <b>Credits</b>       |                             | <b>16</b> |
| <b>Total Credits</b> |                             | <b>48</b> |

## Bachelor of Science in Global Studies

Below is an example of how to complete a BS in global studies with a diplomacy and international relations professional concentration and a Middle East geographic focus. Since the major offers 16 options for professional concentration areas and seven different geographic focus regions, with a wide variety of courses that can count toward each concentration, there are innumerable paths through the global studies major.

This degree plan is for general planning purposes only and, due to the interdisciplinary nature of the major, it is imperative that students speak with advisors to determine which courses would best match their personal, professional, and academic goals.

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|                |                                      |           |
|----------------|--------------------------------------|-----------|
| CHN 101        | First-Year Chinese                   | 5         |
| GLBL 101       | Introduction to International Issues | 4         |
| MATH 105Z      | Math in Society                      | 4         |
| WR 121Z        | Composition I                        | 4         |
| <b>Credits</b> |                                      | <b>17</b> |

**Winter**

|          |                           |   |
|----------|---------------------------|---|
| CHN 102  | First-Year Chinese        | 5 |
| MATH 106 | University Mathematics II | 4 |
| WR 123   | College Composition III   | 4 |

|          |                                             |   |
|----------|---------------------------------------------|---|
| GLBL 250 | Value Systems in Cross-Cultural Perspective | 4 |
|----------|---------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|                                     |                            |     |
|-------------------------------------|----------------------------|-----|
| CHN 103                             | First-Year Chinese         | 5   |
| MATH 107                            | University Mathematics III | 4   |
| GLBL 199                            | Special Studies: [Topic]   | 1-5 |
| General-education course in science |                            | 4   |

|                |              |
|----------------|--------------|
| <b>Credits</b> | <b>14-18</b> |
|----------------|--------------|

|                      |              |
|----------------------|--------------|
| <b>Total Credits</b> | <b>48-52</b> |
|----------------------|--------------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                              |                                           |   |
|----------------------------------------------|-------------------------------------------|---|
| CHN 201                                      | Second-Year Chinese                       | 5 |
| GLBL 240                                     | Perspectives on International Development | 4 |
| General-education course in arts and letters |                                           | 4 |
| General-education course in social science   |                                           | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Winter**

|                                            |                                        |   |
|--------------------------------------------|----------------------------------------|---|
| CHN 202                                    | Second-Year Chinese                    | 5 |
| GLBL 260                                   | Culture, Capitalism, and Globalization | 4 |
| General-education course in social science |                                        | 4 |
| General-education course in science        |                                        | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|                                              |                                              |   |
|----------------------------------------------|----------------------------------------------|---|
| CHN 203                                      | Second-Year Chinese                          | 5 |
| GLBL 280                                     | Global Environmental Issues and Alternatives | 4 |
| General-education course in arts and letters |                                              | 4 |
| General-education course in social science   |                                              | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>51</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                              |                            |   |
|----------------------------------------------|----------------------------|---|
| CHN 301                                      | Third-Year Chinese         | 5 |
| REL 335                                      | Introduction to the Qur'an | 4 |
| General-education course in arts and letters |                            | 4 |
| Elective course                              |                            | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Winter**

|                                     |                                  |   |
|-------------------------------------|----------------------------------|---|
| CHN 302                             | Third-Year Chinese               | 5 |
| GLBL 423                            | Development and the Muslim World | 4 |
| General-education course in science |                                  | 4 |
| Elective course                     |                                  | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|                                            |                              |   |
|--------------------------------------------|------------------------------|---|
| CHN 303                                    | Third-Year Chinese           | 5 |
| GLBL 431                                   | Cross-Cultural Communication | 4 |
| General-education course in social science |                              | 4 |

|                      |           |
|----------------------|-----------|
| Elective course      | 4         |
| <b>Credits</b>       | <b>17</b> |
| <b>Total Credits</b> | <b>51</b> |

| Course                                       | Title                       | Credits   | Milestones |
|----------------------------------------------|-----------------------------|-----------|------------|
| <b>Fourth Year</b>                           |                             |           |            |
| <b>Fall</b>                                  |                             |           |            |
| ENVS 435                                     | Environmental Justice       | 4         |            |
| General-education course in science          |                             | 4         |            |
| Elective courses                             |                             | 8         |            |
| <b>Credits</b>                               |                             | <b>16</b> |            |
| <b>Winter</b>                                |                             |           |            |
| SOC 465                                      | Political Sociology         | 4         |            |
| CRES 435                                     | Israel and Palestine        | 4         |            |
| General-education course in arts and letters |                             | 4         |            |
| Elective course                              |                             | 4         |            |
| <b>Credits</b>                               |                             | <b>16</b> |            |
| <b>Spring</b>                                |                             |           |            |
| GLBL 422                                     | Aid to Developing Countries | 4         |            |
| Elective courses                             |                             | 12        |            |
| <b>Credits</b>                               |                             | <b>16</b> |            |
| <b>Total Credits</b>                         |                             | <b>48</b> |            |

## Global Studies Minor

The Global Studies minor provides students with the opportunity to add a global perspective to any major, in addition to providing a solid grounding in intercultural communication and the foundations of global citizenship. Students can tailor coursework to their own professional and personal objectives, so the minor is a suitable complement to a BA or BS degree in any school or department. More info on our website (<https://cas.uoregon.edu/global-studies/undergraduate-programs/minor-requirements/>).

### Global Studies Minor

Global studies minors must complete 24 international studies (subject code GLBL) course credits, 12 of which must be upper division, with a grade of C– or better or P. Course selection is up to the individual student, but for advising purposes optional, nonrigid tracks are suggested for students coming from different majors, tracks that can especially complement particular career goals. Student may elect up to 12 lower-division credits, which share a common purpose of fostering critical and cross-cultural thinking as well as encouraging students to seek out and understand diverse perspectives and ways of approaching and communicating about current global issues. The 12 required upper-division credits allow a deeper investigation of issues, regions, and cultures and also hone skills in research, effective writing, and oral presentation to address rapidly changing and complex current and future issues.

## Global Health Minor

Students in the Global Health program are exposed to diverse disciplinary approaches to research and practice in Global Health through core and elective coursework in the social and natural sciences and humanities. Students also complete a required global health field

experience, internship, or practicum. More info on our website (<https://ghprogram.uoregon.edu/>).

### Requirements

| Code                                                                                        | Title                         | Credits   |
|---------------------------------------------------------------------------------------------|-------------------------------|-----------|
| <b>Core Courses</b>                                                                         |                               |           |
| GLBL 340                                                                                    | Global Health and Development | 4         |
| 400-level course providing field experience (preferably from the student's home department) |                               | 4         |
| <b>Electives</b>                                                                            |                               |           |
| Two approved natural science courses from list below                                        |                               | 8         |
| Two approved social science or humanities courses from list below                           |                               | 8         |
| <b>Total Credits</b>                                                                        |                               | <b>24</b> |

### Electives

| Code                                        | Title                                                   | Credits |
|---------------------------------------------|---------------------------------------------------------|---------|
| <b>Natural Science Courses</b>              |                                                         |         |
| ANTH 175                                    | Evolutionary Medicine                                   | 4       |
| ANTH 220                                    | Introduction to Nutritional Anthropology                | 4       |
| ANTH 362                                    | Human Biological Variation                              | 4       |
| ANTH 369                                    | Human Growth and Development                            | 4       |
| ANTH 376                                    | Decoding Your Genome                                    | 4       |
| ANTH 459                                    | Advanced Evolutionary Medicine                          | 4       |
| BI 121                                      | Introduction to Human Physiology                        | 4       |
| BI 122                                      | Introduction to Human Genetics                          | 4       |
| BI 123                                      | Biology of Cancer                                       | 4       |
| BI 140                                      | Science, Policy, and Biology                            | 4       |
| BI 309                                      | Tropical Diseases in Africa                             | 4       |
| BI 353                                      | Sensory Physiology                                      | 4       |
| BI 358                                      | Investigations in Medical Physiology                    | 4       |
| BI 360                                      | Neurobiology                                            | 4       |
| BI 423                                      | Human Molecular Genetics                                | 4       |
| BI 426                                      | Genetics of Cancer                                      | 4       |
| BI 461                                      | Systems Neuroscience                                    | 4       |
| BI 472                                      | Community Ecology                                       | 4       |
| ENVS 202                                    | Introduction to Environmental Studies: Natural Sciences | 4       |
| HPHY 105                                    | Principles of Nutrition                                 | 4       |
| HPHY 211                                    | Medical Terminology                                     | 3       |
| HPHY 212                                    | Scientific Investigation in Physiology                  | 4       |
| HPHY 422                                    | Physiology of Obesity                                   | 4       |
| PSY 301                                     | Scientific Thinking in Psychology                       | 4       |
| PSY 302                                     | Statistical Methods in Psychology                       | 4       |
| PSY 303                                     | Research Methods in Psychology: [Topic]                 | 4       |
| PSY 309                                     | Psychopathology                                         | 4       |
| PSY 399                                     | Special Studies: [Topic] (Global Child Development)     | 1-5     |
| PSY 459                                     | Cultural Psychology                                     | 4       |
| PSY 472                                     | Psychology of Trauma                                    | 4       |
| <b>Social Science or Humanities Courses</b> |                                                         |         |
| ANTH 413                                    | Culture and Psychology                                  | 4       |
| ANTH 420                                    | Culture, Illness, and Healing                           | 4       |

|          |                                                                               |     |
|----------|-------------------------------------------------------------------------------|-----|
| EC 443   | Health Economics                                                              | 4   |
| EC 490   | Economic Growth and Development                                               | 4   |
| ENG 240  | Introduction to Disability Studies                                            | 4   |
| ENVS 410 | Experimental Course: [Topic]                                                  | 1-5 |
| GLBL 230 | Global Wellbeing                                                              | 4   |
| GLBL 415 | The Global Story of Race                                                      | 4   |
| GLBL 435 | Global Perspectives on Disability                                             | 2   |
| GEOG 142 | Human Geography                                                               | 4   |
| GEOG 181 | Our Digital Earth                                                             | 4   |
| GEOG 341 | Population and Environment                                                    | 4   |
| GEOG 481 | GIScience I                                                                   | 4   |
| GEOG 490 | GIScience: [Topic]                                                            | 4   |
| HC 231H  | Social Science Inquiry: [Topic] (Epidemics and Epistemologies)                | 4   |
| HC 232H  | Honors College Social Science (Disease and Public Health in the Modern World) | 4   |
| HC 431H  | Honors College Social Science Colloquium: [Topic]                             | 4   |
| HUM 240  | Medical Humanities                                                            | 4   |
| GLBL 230 | Global Wellbeing                                                              | 4   |
| GLBL 425 | Global Food Security                                                          | 4   |
| GLBL 463 | Population Displacement and Global Health                                     | 4   |
| GLBL 465 | Global Reproductive Health                                                    | 4   |
| GLBL 467 | Global Mental Health                                                          | 4   |
| PHIL 220 | Food Ethics                                                                   | 4   |
| PHIL 307 | Social and Political Philosophy                                               | 4   |
| PHIL 309 | Global Justice                                                                | 4   |
| PHIL 335 | Medical Ethics                                                                | 4   |
| PHIL 410 | Experimental Course: [Topic] (Clinical Ethics)                                | 1-5 |
| PPPM 202 | Healthy Communities                                                           | 4   |
| PPPM 370 | Global Sustainable Development and Policy                                     | 4   |
| PPPM 407 | Seminar: [Topic] (Hazard Mitigation)                                          | 1-5 |
| PPPM 407 | Seminar: [Topic] (Public Health)                                              | 1-5 |
| PSY 407  | Seminar: [Topic]                                                              | 1-5 |
| PSY 366  | Culture and Mental Health                                                     | 4   |
| SOC 311  | Research Methods                                                              | 4   |
| SOC 312  | Statistical Analysis in Sociology                                             | 4   |
| SOC 385  | Medical Sociology                                                             | 4   |
| SOC 399  | Special Studies: [Topic] (Sociology of Health and Medicine)                   | 1-5 |
| SOC 410  | Experimental Course: [Topic] (Science and Society)                            | 1-5 |
| SOC 410  | Experimental Course: [Topic] (Sex and Gender in China)                        | 1-5 |
| WGS 221  | Bodies and Power                                                              | 4   |
| WGS 331  | Science, Technology, and Gender                                               | 4   |
| WGS 421  | Bodies and Embodiment                                                         | 4   |
| WGS 407  | Seminar: [Topic] (Gender and Bodies)                                          | 1-5 |

Deviations from the requirements listed must be approved by a global health advisor.

## Restrictions

- 24 Credits are required for the minor, with a minimum of 12 upper division credits
- A maximum of 12 credits in a single department (including major department) will count towards the Global Health minor. No more than 3 courses with the same subject heading.
- Twenty credits for the minor must be taken in residence
- All courses taken for the minor must be taken for a letter grade, with the exception of the Field Work Experience requirement
- Courses applying to the minor must be passed with a C- or above

No more than three courses (12 credits) from a single department (courses with the same subject code) may count toward the minor.

## Global Service Minor

The Global Service Minor and the Peace Corps Prep program both guide students in adding a global, intercultural, service dimension to any major, while encouraging students to reflect on their place in the wider world and their own responsibilities as a global citizen. The requirements for the Global Service minor and the Peace Corps Prep Certificate are identical, and fulfilling requirements for one automatically fulfills requirements for the other. The application process is likewise identical for both, and students may choose to apply for one or both programs simultaneously.

The Global Service minor is a UO degree that, upon completion, will appear on University of Oregon transcripts. Peace Corps Prep is a certificate program for undergraduates awarded by the U.S. Peace Corps, and does not appear on the UO transcript. More info on our website (<https://globalservice.uoregon.edu/>).

### Students select a professional sector concentration and a world region concentration.

• The six sector concentrations are: *Youth in Development, Health, Environment, Community Economic Development, Education and Agriculture*

• The three world region concentrations are: Latin America, West Africa, World at large

### All students complete four required core competencies and students who select Latin America or West Africa complete a fifth.

#### • Core competency 1: Professional Sector Concentration (12 credits)

#### • Core competency 2: Intercultural Competence (12 credits)

#### • Core competency 3: Practical experience (non-credit)

- Students complete 50 hours practical experience related to their professional sector concentration. Site supervisor certifies satisfactory completion of hours and tasks.

#### • Core competency 4: Professional and leadership development - 3 activities (non-credit)

- Resume review/critique with UO Career Center or Faculty Mentor

- Attend a workshop on interview skills with the UO Career Center

- Develop and carry out a significant leadership experience and submit a 2-page reflection paper on it.

• **Core competency 5: Language proficiency (variable; up to 8 credits)**

- Latin America-focused students: Two 200-level Spanish courses or equivalent proficiency

- West Africa-focused students: One 200-level course in a Romance language, or equivalent proficiency

**Education Concentration**

| Code                                        | Title                                        | Credits |
|---------------------------------------------|----------------------------------------------|---------|
| <b>Education Concentration</b>              |                                              |         |
| Three Courses from the Professional Sector: |                                              | 12      |
| EDST 111                                    | Education and Social Change                  |         |
| CPSY 217                                    | Foundations of Student Health and Well-Being |         |
| GLBL 199                                    | Special Studies: [Topic]                     |         |
| LT 436                                      | Design for Learning Language Systems         |         |
| LT 441                                      | Teaching English Pronunciation               |         |
| SPED 426                                    | Behavior and Classroom Management            |         |
| SPED 440                                    | Early Literacy for Diverse Learners          |         |
| GLBL 433                                    | Childhood in Cross-Cultural Perspective      |         |
| ENVS 425                                    | Environmental Education Theory and Practice  |         |
| Intercultural Competence:                   |                                              | 12      |
| GLBL 431                                    | Cross-Cultural Communication                 |         |
| or CRES 440                                 | Dialogue across Differences                  |         |
| or BA 365                                   | Cross-Cultural Negotiation                   |         |
| Two Intercultural Competence Electives      |                                              |         |

**Health Concentration**

| Code                                        | Title                                        | Credits |
|---------------------------------------------|----------------------------------------------|---------|
| <b>Health Concentration</b>                 |                                              |         |
| Three Courses from the Professional Sector: |                                              | 12      |
| CDS 201                                     | Communication Disorders in Society and Media |         |
| HPHY 211                                    | Medical Terminology                          |         |
| FHS 216                                     | Diversity in Human Services                  |         |
| PPPM 202                                    | Healthy Communities                          |         |
| ENVS 225                                    | Introduction to Food Studies                 |         |
| GLBL 340                                    | Global Health and Development                |         |
| PPPM 407                                    | Seminar: [Topic]                             |         |
| SPED 411                                    | Foundations of Disability I                  |         |
| HPHY 410                                    | Experimental Course: [Topic]                 |         |
| ENVS 410                                    | Experimental Course: [Topic]                 |         |
| GLBL 467                                    | Global Mental Health                         |         |
| GLBL 465                                    | Global Reproductive Health                   |         |
| GLBL 463                                    | Population Displacement and Global Health    |         |
| BI 309                                      | Tropical Diseases in Africa                  |         |
| Intercultural Competence:                   |                                              | 12      |
| GLBL 431                                    | Cross-Cultural Communication                 |         |
| or CRES 440                                 | Dialogue across Differences                  |         |

or BA 365 Cross-Cultural Negotiation  
Two Intercultural Competence Electives

**Environment Concentration**

| Code                                        | Title                                                   | Credits |
|---------------------------------------------|---------------------------------------------------------|---------|
| <b>Environment Concentration</b>            |                                                         |         |
| Three Courses from the Professional Sector: |                                                         | 12      |
| ENVS 202                                    | Introduction to Environmental Studies: Natural Sciences |         |
| ERTH 202                                    | Earth's Surface and Environment                         |         |
| LA 199                                      | Special Studies: [Topic]                                |         |
| GLBL 280                                    | Global Environmental Issues and Alternatives            |         |
| ENVS 345                                    | Environmental Ethics                                    |         |
| ENVS 435                                    | Environmental Justice                                   |         |
| CH 401                                      | Research: [Topic]                                       |         |
| GEOG 421                                    |                                                         |         |
| ERTH 310                                    | Earth Resources and the Environment                     |         |
| GEOG 341                                    | Population and Environment                              |         |
| GEOG 465                                    | Environment and Development                             |         |
| LA 410                                      | Experimental Course: [Topic]                            |         |
| PPPM 331                                    | Environmental Management                                |         |
| PPPM 445                                    | Green Cities                                            |         |
| PS 477                                      | International Environmental Politics                    |         |
| SOC 304                                     | Community, Environment, and Society                     |         |
| PPPM 443                                    | Natural Resource Policy                                 |         |
| HPHY 470                                    | Environmental Physiology                                |         |
| Intercultural Competence:                   |                                                         | 12      |
| GLBL 431                                    | Cross-Cultural Communication                            |         |
| or CRES 440                                 | Dialogue across Differences                             |         |
| or BA 365                                   | Cross-Cultural Negotiation                              |         |
| Two Intercultural Competence Electives      |                                                         |         |

**Agriculture Concentration**

| Code                                        | Title                                  | Credits |
|---------------------------------------------|----------------------------------------|---------|
| <b>Agriculture Concentration</b>            |                                        |         |
| Three Courses from the Professional Sector: |                                        | 12      |
| BI 130                                      | Introduction to Ecology                |         |
| GEOG 141                                    | The Natural Environment                |         |
| PS 297                                      | Introduction to Environmental Politics |         |
| ENVS 225                                    | Introduction to Food Studies           |         |
| ANTH 331                                    | Cultures of India and South Asia       |         |
| GEOG 467                                    |                                        |         |
| GEOG 468                                    | Contemporary Food Systems              |         |
| ENVS 455                                    | Sustainability                         |         |
| ENVS 450                                    | Political Ecology                      |         |
| ENVS 477                                    | Soil Science                           |         |
| LA 326                                      | Plants: Fall                           |         |
| & LA 327                                    | and Plants: Winter                     |         |
| & LA 328                                    | and Spring Plants                      |         |
| LA 390                                      | Urban Farm                             |         |
| LA 413                                      | Analyzing Landscape Systems            |         |
| FLR 415                                     | Folklore and Foodways                  |         |

|                                        |                                         |    |
|----------------------------------------|-----------------------------------------|----|
| ANTH 329                               | Immigration and Farmworkers             |    |
| LA 410                                 | Experimental Course: [Topic]            |    |
| ENVS 410                               | Experimental Course: [Topic]            |    |
| ENVS 411                               | Environmental Issues: [Topic]           |    |
| ENVS 467                               | Sustainable Agriculture                 |    |
| GLBL 425                               | Global Food Security                    |    |
| GLBL 410                               | Experimental Course: [Topic]            |    |
| Intercultural Competence:              |                                         | 12 |
| GLBL 431                               | Cross-Cultural Communication            |    |
|                                        | or CRES 440 Dialogue across Differences |    |
|                                        | or BA 365 Cross-Cultural Negotiation    |    |
| Two Intercultural Competence Electives |                                         |    |

### Youth in Development Concentration

| Code                                        | Title                                        | Credits |
|---------------------------------------------|----------------------------------------------|---------|
| <b>Youth in Development Concentration</b>   |                                              |         |
| Three Courses from the Professional Sector: |                                              | 12      |
| CPSY 217                                    | Foundations of Student Health and Well-Being |         |
| FHS 213                                     | Issues for Children and Families             |         |
| ANTH 255                                    | Atlantis, Aliens, and Archaeology            |         |
| GLBL 199                                    | Special Studies: [Topic]                     |         |
| GLBL 431                                    | Cross-Cultural Communication                 |         |
| CDS 455                                     | Child and Adolescent Development             |         |
| J 320                                       | Gender, Media, and Diversity                 |         |
| ES 310                                      | Race and Popular Culture: [Topic]            |         |
| SOC 330                                     | Sociology of the Family                      |         |
| SPED 410                                    | Experimental Course: [Topic]                 |         |
| FHS 482                                     |                                              |         |
| PSY 308                                     | Developmental Psychology                     |         |
| PSY 450                                     | Hormones and Behavior                        |         |
| PSY 473                                     | Intimate Relationships                       |         |
| PSY 475                                     | Cognitive Development                        |         |
| FHS 328                                     | Human Development in the Family Context      |         |
| ANTH 369                                    | Human Growth and Development                 |         |
| Intercultural Competence:                   |                                              | 12      |
| GLBL 431                                    | Cross-Cultural Communication                 |         |
|                                             | or CRES 440 Dialogue across Differences      |         |
|                                             | or BA 365 Cross-Cultural Negotiation         |         |
| Two Intercultural Competence Electives      |                                              |         |

### Community Economic Development Concentration

| Code                                        | Title                                           | Credits |
|---------------------------------------------|-------------------------------------------------|---------|
| <b>Community Economic Development</b>       |                                                 |         |
| Three Courses from the Professional Sector: |                                                 | 12      |
| GLBL 199                                    | Special Studies: [Topic]                        | 1-5     |
| GLBL 260                                    | Culture, Capitalism, and Globalization          | 4       |
| CS 122                                      | Introduction to Programming and Problem Solving | 4       |
| BA 316                                      | Management: Creating Value through People       | 4       |
| GLBL 420                                    | Global Community Development                    | 4       |
| GLBL 422                                    | Aid to Developing Countries                     | 4       |

|                                        |                                                 |     |
|----------------------------------------|-------------------------------------------------|-----|
| PS 340                                 | International Political Economy                 | 4   |
| PS 348                                 | Women and Politics                              | 4   |
| EC 330                                 | Urban and Regional Economic Problems            | 4   |
| EC 340                                 | Issues in Public Economics                      | 4   |
| EC 350                                 | Labor Market Issues                             | 4   |
| EC 370                                 | Money and Banking                               | 4   |
| EC 390                                 | Problems and Issues in the Developing Economies | 4   |
| EC 440                                 | Public Economics                                | 4   |
| EC 462                                 | Economics of Transportation                     | 4   |
| PPPM 407                               | Seminar: [Topic]                                | 1-5 |
| PPPM 440                               | Land-Use Planning and Policy                    | 4   |
| ANTH 329                               | Immigration and Farmworkers                     | 4   |
| Intercultural Competence:              |                                                 | 12  |
| GLBL 431                               | Cross-Cultural Communication                    |     |
|                                        | or CRES 440 Dialogue across Differences         |     |
|                                        | or BA 365 Cross-Cultural Negotiation            |     |
|                                        | or BA 361 Cross-Cultural Business Communication |     |
| Two Intercultural Competence Electives |                                                 |     |

### Intercultural Competence Approved Electives

| Code                                                   | Title                                     | Credits |
|--------------------------------------------------------|-------------------------------------------|---------|
| <b>Intercultural Competence Approved Elective List</b> |                                           |         |
| CRES 440                                               | Dialogue across Differences               | 2       |
| BA 361                                                 | Cross-Cultural Business Communication     | 4       |
| BA 365                                                 | Cross-Cultural Negotiation                | 4       |
| GLBL 434                                               | Language Issues for International Studies | 4       |
| CRES 351                                               |                                           | 2       |
| ES 256                                                 | Introduction to Native American Studies   | 4       |
| GLBL 370                                               | International Human Rights                | 4       |
| LT 428                                                 | Teaching English Culture and Literature   | 4       |
| LING 101                                               | Introduction to Language                  | 4       |

## Global Studies (MA)

The interdisciplinary MA degree in global studies is offered for students who contemplate careers in international affairs, international development, diplomacy, international organizations, or domestic organizations with an international focus. A minimum of 65 credits must be completed for the degree.

The degree program can be tailored to meet the unique professional needs of each student. In close consultation with a faculty advisor, the student develops a program that combines expertise in a specific professional area with interdisciplinary training in global studies.

### Concentrations

In consultation with their faculty advisor, students identify a professional concentration. Suggested areas include the following:

- comparative development
- cross-cultural training
- cultural arts
- environment
- food and food systems
- gender and development



- health
- international community development
- international education
- international tourism
- journalism
- migration
- nonprofit management
- public policy and planning

Concentrations in other professional areas can be arranged.

Graduates of the Department of Global Studies serve as international technical advisors, career diplomats, community development professionals, international business and trade experts, analysts in developing countries, international educators, administrators of international programs, and cross-cultural communication consultants.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content knowledge in the field of Global Studies
- Demonstrate effective oral and written communication skills.
- Conduct independent research and analysis and contribute substantively in their field.
- Demonstrate knowledge of a professional concentration and/or a geographic focus, dependent on coursework and degree.
- Demonstrate a proficiency in a second language relevant to their professional or geographic focus.
- Understand ethical issues and responsibilities especially in matters related to professionalism, data collection and in writing and publishing theses and academic/policy papers.

## Master of Arts Degree Requirements

| Code                                                                                      | Title                                         | Credits   |
|-------------------------------------------------------------------------------------------|-----------------------------------------------|-----------|
| <b>Interdisciplinary Core</b>                                                             |                                               |           |
| GLBL 655                                                                                  | International Studies Graduate Core Seminar   | 4         |
| <b>Proseminar Series</b>                                                                  |                                               |           |
| GLBL 656                                                                                  | Research and Writing in International Studies | 1         |
| GLBL 657                                                                                  | Proseminar: Proposal Writing                  | 2         |
| <b>Professional Concentration Area</b> <sup>1</sup>                                       |                                               |           |
| Concentration area courses from relevant departments or professional schools <sup>2</sup> |                                               | 24        |
| <b>Geographic Focus</b>                                                                   |                                               |           |
| Courses in geographic focus area <sup>3</sup>                                             |                                               | 12        |
| <b>Supervised Field Internship or Field Research</b>                                      |                                               |           |
| Internship or research experience related to student's career plans                       |                                               | 12        |
| <b>Master of Arts Project</b>                                                             |                                               |           |
| Thesis or capstone project                                                                |                                               | 9         |
| <b>Total Credits</b>                                                                      |                                               | <b>64</b> |

<sup>1</sup> Three of the four courses (12 credits) must have the INTL subject code.

- <sup>2</sup> Concentration areas are tailored to individual student interests. Students interested in agricultural extension, forestry, and public health may take courses at Oregon State University. (For information about concurrent enrollment, see the **Bachelor's Degree Requirements** section of this catalog.)
- <sup>3</sup> Geographic focus areas are Africa, East Asia, Europe, Latin America, the Middle East, South Asia, or Southeast Asia. Students who earned their undergraduate degrees from institutions outside the United States may substitute an additional 12 credits in the professional concentration for the 12 credits of geographic focus. Students are encouraged to choose a geographic focus outside their home region.

## Additional Requirements

Students must take a minimum of 24 graded credits in the professional concentration area. A maximum of 24 credits may be taken in any department other than international studies in order to allow an appropriate degree of specialization.

## Language Study and Competence

Students must demonstrate a third-year level of proficiency in a second language relevant to their professional or geographic focus before completing the program. The University of Oregon offers formal courses in a number of European and non-European languages. Students also may study languages through self-instruction at the Yamada Language Center. International students whose high school or university instruction was not in English demonstrate proficiency in English as a second language through completion of the master's degree requirements. It is recommended that international students study a language from their geographic focus.

## Supervised Field Internship or Field Research

The program assists students in locating internships or research opportunities and securing funding. International students may do their internship or research in the United States. Students are responsible for obtaining funding for the costs or for otherwise paying the costs in their entirety. Many graduate students in the program have competed successfully for funding to support internship and research experiences.

The international studies faculty expects students to gain the following from the internship or research experience:

1. a reasonably in-depth experience in a culture other than the student's own
2. greater fluency in the language of the culture in which the internship or research takes place
3. knowledge and experience useful to the career goals of the intern

## Master of Arts Project

Each student must prepare an MA project, usually in the form of a thesis or capstone project. Students are required to present a thesis or capstone proposal defense, and at the conclusion of the project, present an oral defense before the student's final project committee. Other types of projects may be approved on a case-by-case basis by the student's master's advisor. Nine credits are awarded for a thesis or capstone project.

## History

**Vera Keller, Department Head**  
275 McKenzie Hall  
541-346-4802

vkeller@uoregon.edu

The study of history offers a framework for a liberal education and the background that is essential for understanding the contemporary world. Through analyzing interpretive studies, accounts by witnesses to past events, and historical records, students come to appreciate the complexity of human experience. By examining changes in the past, they develop a broad perspective and the ability to weigh evidence and argument.

Besides paving the way to careers in fields like government, law, journalism, and education, the study of history at the undergraduate or graduate level cultivates critical skills useful in all careers. The top occupations for the department's majors are: lawyers, teachers, management and administration professionals, marketers, public relations specialists, and fundraisers. One in four history majors will go on to careers in business and business management.

## Faculty

Carlos Aguirre, Professor (Latin America). BA, 1986, Lima (Peru); MA, 1990, Peru; PhD, 1996, Minnesota. (1996)

Ina Asim, Associate Professor (Premodern China). MA, 1982, PhD, 1992, Dr. phil. habil., 2001, Wurzburg. (2002)

Steven Beda, Assistant Professor (20th-century United States, history of labor, environmental history). BA, 2002, Colorado, Boulder; MA, 2008, PhD, 2014, University of Washington (Seattle). ()

Lindsay F. Braun, Associate Professor (Africa). BS, 1994, Eastern Michigan; MA, 1997, Michigan State; PhD, 2008, Rutgers. (2009)

Jamie M. Bufalino, Instructor (Women and Gender in history). BA, 1997, MA, 2001, PhD, 2009, California, Riverside. (2012)

Alexander Dracobly, Senior Instructor (Modern Europe, military, medical). BA, 1987, Grinnell; MA, 1989, PhD, 1996, Chicago. (1995)

Andrew E. Goble, Professor (Premodern Japan, Medical History, East Asia). BA, 1975, MA, 1981, Queensland; PhD, 1987, Stanford. (1990)

Bryna Goodman, Professor (modern China). BA, 1978, Wesleyan; MA, 1982, PhD, 1990, Stanford. (1991)

Melissa Graboyes, Associate Professor (Africa, history of medicine, global health, infectious diseases), Director of African Studies. BA, 2002, UC Davis, MA and MPH, 2007, PhD, 2010, Boston University. (2011)

Annelise Heinz, Assistant Professor (US women's & gender, LGBTQ, race/ethnicity). BA, 2003, Whitman College, Walla Walla, WA. PhD, Stanford. (2015)

Ellen Herman, Professor (Modern United States). BA, 1979, Michigan; PhD, 1993, Brandeis. (1997)

Julie Hessler, Associate Professor (20th-century Russia, Europe). BA, 1988, Yale; MA, 1989, PhD, 1996, Chicago. (1995)

Ocean Howell, Associate Professor (Urban City history US). PhD, 2009, Berkeley (Univ. of California). (2010)

Ryan Tucker Jones, Associate Professor (early modern Europe, Russian empire, Atlantic history); Ann Swindells Chair in History. BA, 1998, Walla Walla; MA, 2001, Georgetown; PhD, 2008, Columbia. (2016)

Vera Keller, Associate Professor (history of science). BA, 2002, Harvard; PhD, 2008, Princeton. (2010)

David M. Luebke, Professor (early modern Europe, Germany). BA, 1983, Nebraska; PhD, 1990, Yale. (1997)

John McCole, Associate Professor (European intellectual, cultural, and social; modern Europe; historiography and theory). BA, 1975, Brown; MA, 1982, PhD, 1988, Boston. (1994)

Ian F. McNeely, Professor (Europe, the world). AB, 1992, Harvard; MA, 1993, PhD, 1998, Michigan. (2000)

Daniel Rosenberg, Professor (Intellectual History, History of Science and Technology, Visual Culture, Language and Linguistics, Enlightenment). BA, 1988, Wesleyan University, PhD, 1996, UC Berkeley. (2012)

Brett Rushforth, Associate Professor (Colonial America, Atlantic world). BA, 1995, Utah; MA, 1998, Utah State; PhD, 2003, California, Davis. (2016)

Arafaat Valiani, Associate Professor (South Asia). BFA, 1996, Concordia; MA, 1997, London School of Economics and Political Science; PhD, 2005, Columbia. (2012)

Lissa Wadewitz, Associate Professor, (Native American, Pacific/Marine World, US West, US Environmental); Carrie C. Beekman Professor of Northwest and Pacific History. BA, Pomona College, PhD, UCLA. (2004)

Marsha Weisiger, Associate Professor (Environmental, Native American, American West); Julie and Rocky Dixon Chair in US Western History. BA, 1978, Arizona State; MA, 1991, PhD, 2000, Wisconsin, Madison. (2010)

Julie Weise, Associate Professor (20th-century United States, modern Mexico, global migration). BA, 2000, MA 2005, MPhil, 2006, PhD, 2009, Yale. (2013)

Timothy Williams, Associate Professor (19th Century U.S., the Civil War and Reconstruction, intellectual and cultural history, book history, gender, education, prisons and prisoners). BA, 2003, Wake Forest, PhD, 2010, University of North Carolina at Chapel Hill. (2014)

Lisa Wolverton, Professor (medieval Europe). BSFS, 1986, Georgetown; MMS, 1991, PhD, 1997, Notre Dame. (2000)

Reuben Zahler, Associate Professor (Latin America). BA, 1991, Cornell; MA, 1999, PhD, 2005, Chicago. (2012)

## Emeriti

Robert Bussel, Labor Education and Research Center

Matthew Dennis, Professor Emeritus. BA, 1977, California, Irvine; MA, 1979, PhD, 1986, California, Berkeley. (1988)

Robert S. Haskett, Professor (Latin America). BA, 1975, California, Long Beach; MA, 1978, PhD, 1985, California, Los Angeles. (1988)

Jeffrey E. Hanes, Associate Professor (modern Japan). AB, 1973, Williams; MA, 1978, PhD, 1988, California, Berkeley. (1993)

R. Alan Kimball, Professor Emeritus. (modern Russia). BA, 1961, Kansas; MA, 1963; PhD, 1967, Washington (Seattle).

Jack P. Maddex, Professor Emeritus. BA, 1963, Princeton; PhD, 1966, North Carolina. (1966)

Randall E. McGowen, Professor Emeritus. BA, 1970, American; MA, 1971, PhD, 1979, Illinois. (1982)

James C. Mohr, Professor Emeritus. BA, 1965, Yale; MA, 1966, PhD, 1969, Stanford. (1992)

John Nicols, Professor Emeritus. AB, 1966, California, Berkeley; MA, 1968, PhD, 1974, California, Los Angeles. (1980)

Jeffrey Ostler, former Carrie C. Beekman Professor of Northwest and Pacific History (American West). BA, 1979, Utah; MA, 1984, Oregon; PhD, 1990, Iowa. (1990)

Daniel A. Pope, Professor Emeritus. BA, 1966, Swarthmore; MA, 1968, PhD, 1973, Columbia. (1975)

George J. Sheridan Jr., Professor (France, European Socioeconomic). BA, 1969, Princeton; MA, 1974, PhD, 1978, Yale. (1976)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

Participating

Judith R. Baskin, Judaic studies

Mark Carey, Honors College

Charise Cheney, Ethnic Studies

James D. Fox, Library

Kevin Hatfield, Office of University Housing

Roxann Prazniak, Honors College

Elizabeth Reis, Women’s and Gender Studies

Gretchen Soderlund, Journalism and Communication

Undergraduate Programs

Major - Bachelor's Degree

- History (BA/BS) (p. 380)

Minor

- History (p. 383)

Graduate Programs

Major - Master's Degree

- History (MA) (p. 383)

Major - Doctoral Degree

- History (PhD) (p. 384)

History (BA/BS)

From the controversies over monuments to the “Lost Cause” of the American south to the impact of pandemics on indigenous communities to the roots of authoritarianism, understanding the past and its resonance in the present and future is more important than ever. Studying the past

trains majors to think rigorously, to write clearly, and to interpret events and problem-solve with creativity and confidence.

The bachelor of arts and bachelor of science in history are amazingly versatile degrees. The history major cultivates learning and skills that are crucial for careful and systematic thinking and, more broadly, are integral to a liberal arts education.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Recognize the complexity of historical experiences in diverse parts of the world.
- Understand other chronological eras in context, including substantial historical knowledge of premodern histories.
- Analyze historical arguments and evaluate conflicts of interpretation, examine the evidence, and learn how historians construct explanations in writing.
- Identify a historical problem for study, locate evidence relevant to that problem, analyze that evidence critically, and develop a research strategy to address the historical questions.
- Synthesize information from a variety of sources to construct cogent arguments, and express those arguments in clear, convincing prose.

All history majors, regardless of whether they are earning a BA or BS, must fulfill the second-language requirement associated with the university’s bachelor of arts core-education requirement. They must demonstrate proficiency in a second language either by completing, with a C– or better or P, at least the third term, second year of a second language. History courses that satisfy major requirements must be taken for a letter grade and that grade must be a C- or better. Specific requirements follow:

Bachelor's Degree in History (BA/BS)

| Code                                                                                                     | Title             | Credits |
|----------------------------------------------------------------------------------------------------------|-------------------|---------|
| Upper-Division History Courses                                                                           |                   | 33      |
| 21 credits at the 400 level, including a 5-credit Seminar (HIST 407) <sup>1</sup>                        |                   |         |
| 8 credits in history before 1800                                                                         |                   |         |
| 4 credits in each of four concentration areas selected from a list of six historical fields <sup>2</sup> |                   |         |
| Additional History Courses <sup>3</sup>                                                                  |                   | 12      |
| HIST 290                                                                                                 | Historian's Craft | 4       |
| Total Credits                                                                                            |                   | 49      |

<sup>1</sup> No more than 8 credits of Reading and Conference (HIST 405) may be used to fulfill major requirements.

<sup>2</sup> Historical fields: 1) Europe, 2) United States, 3) Africa and the Middle East, 4) Asia, 5) Latin America, 6) World

<sup>3</sup> Upper or lower division

Historical Fields Courses

| Code     | Title                      | Credits |
|----------|----------------------------|---------|
| Europe   |                            |         |
| HIST 301 | Modern Europe              |         |
| HIST 302 | Modern Europe              |         |
| HIST 303 | Modern Europe              |         |
| HIST 320 | High Middle Ages in Europe |         |

|          |                                                |
|----------|------------------------------------------------|
| HIST 321 | Late Middle Ages in Europe                     |
| HIST 337 | France                                         |
| HIST 342 | German History: [Topic]                        |
| HIST 346 | Imperial Russia                                |
| HIST 347 | Soviet Union and Contemporary Russia           |
| HIST 361 | Early Modern Science                           |
| HIST 412 | Ancient Greece: [Topic]                        |
| HIST 414 | Ancient Rome: [Topic]                          |
| HIST 427 | Intellectual History of Modern Europe: [Topic] |
| HIST 428 | Europe in the 20th Century: [Topic]            |
| HIST 436 | Medieval Central Europe: [Topic]               |
| HIST 441 | 16th-Century European Reformations             |
| HIST 443 | Modern Germany: [Topic]                        |
| HIST 444 | The Holocaust                                  |
| HIST 446 | Modern Russia: [Topic]                         |

**United States**

|          |                                              |
|----------|----------------------------------------------|
| HIST 308 | History of Women in the United States I      |
| HIST 309 | History of Women in the United States II     |
| HIST 340 | US Military History                          |
| HIST 351 | American Radicalism                          |
| HIST 352 | The United States in the 1960s               |
| HIST 362 | History of US Cities                         |
| HIST 363 | American Business History                    |
| HIST 368 | American West in Popular Culture             |
| HIST 378 | American Environmental History to 1890       |
| HIST 379 | American Environmental History, 1890-Present |
| HIST 388 | Vietnam War and the United States            |
| HIST 449 | Race and Ethnicity in the American West      |
| HIST 455 | Colonial American History                    |
| HIST 456 | Revolutionary America                        |
| HIST 457 | 19th-Century United States: [Topic]          |
| HIST 463 | American Economic History: [Topic]           |
| HIST 466 | The American West                            |
| HIST 467 | The American West                            |
| HIST 468 | The Pacific Northwest                        |
| HIST 469 | American Indian History: [Topic]             |
| HIST 470 | African American History to 1877: [Topic]    |
| HIST 471 | African American History since 1877: [Topic] |
| HIST 473 | American Environmental History: [Topic]      |

**Africa and Middle East**

|          |                                               |
|----------|-----------------------------------------------|
| HIST 325 | Precolonial Africa                            |
| HIST 326 | Colonial and Postcolonial Africa              |
| HIST 417 | Society and Culture in Modern Africa: [Topic] |
| HIST 419 | African Regional Histories: [Topic]           |
| HIST 450 | The Iraq War                                  |

**Asia**

|          |                 |
|----------|-----------------|
| HIST 386 | India           |
| HIST 387 | Early China     |
| HIST 396 | Samurai in Film |

|          |                                                      |
|----------|------------------------------------------------------|
| HIST 487 | China: [Topic]                                       |
| HIST 490 | Japan: [Topic]                                       |
| HIST 491 | Medicine and Society in Premodern Japan              |
| HIST 497 | Culture, Modernity, and Revolution in China: [Topic] |
| HIST 498 | Early Japanese Culture and Society: [Topic]          |

**Latin America**

|          |                                    |
|----------|------------------------------------|
| HIST 380 | Latin America                      |
| HIST 381 | Latin America                      |
| HIST 382 | Latin America, 1910 to the Present |
| HIST 483 | Latin America: [Topic]             |

**World**

|          |                                   |
|----------|-----------------------------------|
| HIST 415 | Advanced World History: [Topic]   |
| HIST 416 | Advanced Women's History: [Topic] |

**History Before 1800 Courses**

| Code     | Title                                                       | Credits |
|----------|-------------------------------------------------------------|---------|
| HIST 301 | Modern Europe                                               |         |
| HIST 320 | High Middle Ages in Europe                                  |         |
| HIST 321 | Late Middle Ages in Europe                                  |         |
| HIST 325 | Precolonial Africa                                          |         |
| HIST 337 | France                                                      |         |
| HIST 346 | Imperial Russia                                             |         |
| HIST 361 | Early Modern Science                                        |         |
| HIST 380 | Latin America                                               |         |
| HIST 387 | Early China                                                 |         |
| HIST 412 | Ancient Greece: [Topic]                                     |         |
| HIST 411 | Advanced Reacting to the Past: [Topic] (For some topics)    |         |
| HIST 414 | Ancient Rome: [Topic]                                       |         |
| HIST 436 | Medieval Central Europe: [Topic]                            |         |
| HIST 441 | 16th-Century European Reformations                          |         |
| HIST 455 | Colonial American History                                   |         |
| HIST 456 | Revolutionary America                                       |         |
| HIST 470 | African American History to 1877: [Topic] (For some topics) |         |
| HIST 483 | Latin America: [Topic] (For some topics)                    |         |
| HIST 487 | China: [Topic] (For some topics)                            |         |
| HIST 490 | Japan: [Topic] (For some topics)                            |         |
| HIST 491 | Medicine and Society in Premodern Japan                     |         |
| HIST 498 | Early Japanese Culture and Society: [Topic]                 |         |

**Additional Requirements**

In exceptional circumstances, a term paper written in Seminar: [Topic] (HIST 407 ) or in a 400-level course may be expanded into a research paper. Students who have secured approval from the director of undergraduate studies for this option enroll in Reading and Conference: [Topic] (HIST 405) for 2 graded credits. The arrangement for writing a research paper based on the term paper is one that requires not only the approval of the director of undergraduate studies but also the agreement of the instructor in the relevant 400-level course to teach the reading and conference course and to supervise the writing of the research paper. This procedure for writing a research paper does not duplicate the

seminar experience. It should not be used to compensate for a student's lack of planning or preparation. It is permitted only when there are strong pedagogical reasons for pursuing it.

A grade point average (GPA) of 2.50 or higher is required in history courses taken at the University of Oregon. A mid-C or better is required in courses taken to fulfill the research paper requirement. Majors who maintain a GPA of 3.50 or better qualify for the history honors track. More information on this option may be found on the department website.

A total of 21 upper-division credits, including three courses numbered 408, 410–499, and all courses taken to fulfill the research paper requirement must be taken at the University of Oregon.

History Honors Program

The honors program provides an opportunity for capable and highly motivated history majors to develop their interests in historical research by writing a thesis during the senior year. To be eligible for admission to the program, students must have completed at least 28 credits in history, of which at least 16 upper-division credits must have been taken at the University of Oregon. The grade point average in all history courses must be 3.50 or better. Students who satisfactorily complete the thesis and related work and fulfill the requirements of the history major are eligible for a bachelor's degree with honors in history. Information about procedures for admission to the honors program, the course of study, the nature of the thesis, and the oral examination on the thesis may be obtained from the history department staff.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in History: Environmental History Emphasis

| Course                                                   | Title                        | Credits Milestones |
|----------------------------------------------------------|------------------------------|--------------------|
| First Year                                               |                              |                    |
| Fall                                                     |                              |                    |
| ITAL 101                                                 | First-Year Italian           | 5                  |
| WR 121Z                                                  | Composition I                | 4                  |
| ANTH 150                                                 | World Archaeology            | 4                  |
| HIST 215                                                 | Food in World History        | 4                  |
| Credits                                                  |                              | 17                 |
| Winter                                                   |                              |                    |
| ITAL 102                                                 | First-Year Italian           | 5                  |
| WR 123                                                   | College Composition III      | 4                  |
| ARH 205                                                  | History of Western Art II    | 4                  |
| History course to be chosen in consultation with advisor |                              | 4                  |
| Credits                                                  |                              | 17                 |
| Spring                                                   |                              |                    |
| ITAL 103                                                 | First-Year Italian           | 5                  |
| HIST 106                                                 | World History                | 4                  |
| ANTH 173                                                 | Evolution of Human Sexuality | 4                  |
| Credits                                                  |                              | 13                 |
| Total Credits                                            |                              | 47                 |

| Course        | Title                                   | Credits Milestones                     |
|---------------|-----------------------------------------|----------------------------------------|
| Second Year   |                                         |                                        |
| Fall          |                                         |                                        |
| ITAL 201      | Second-Year Italian                     | 4                                      |
| MUS 265       | US Popular Music 1965 to 2000           | 4                                      |
| HIST 290      | Historian's Craft                       | 4                                      |
| HIST 380      | Latin America                           | 4                                      |
| Credits       |                                         | 16                                     |
| Winter        |                                         |                                        |
| ITAL 202      | Second-Year Italian                     | 4                                      |
| PS 205        | Introduction to International Relations | 4                                      |
| ARH 211       | Survey of Latin American Arts           | 4                                      |
| HIST 325      | Precolonial Africa                      | 4                                      |
| Credits       |                                         | 16                                     |
| Spring        |                                         |                                        |
| GEOG 141      | The Natural Environment                 | 4                                      |
| ITAL 203      | Second-Year Italian                     | 4                                      |
| ANTH 361      | Human Evolution                         | 4                                      |
| HIST 382      | Latin America, 1910 to the Present      | 4                                      |
|               |                                         | Latin America field credits (completec |
| Credits       |                                         | 16                                     |
| Total Credits |                                         | 48                                     |

| Course             | Title                                                                  | Credits Milestones |
|--------------------|------------------------------------------------------------------------|--------------------|
| Third Year         |                                                                        |                    |
| Fall               |                                                                        |                    |
| FLR 320            | Car Cultures                                                           | 4                  |
| CINE 350           | Queer European Cinema                                                  | 4                  |
| ENG 362 or similar |                                                                        | 4                  |
| Credits            |                                                                        | 12                 |
| Winter             |                                                                        |                    |
| ARH 315            | History of World Architecture II                                       | 4                  |
| PS 326             | United States Foreign Policy I                                         | 4                  |
| ENVS 345           | Environmental Ethics                                                   | 4                  |
| HIST 415           | Advanced World History: [Topic] (Environmental History of the Pacific) | 4                  |
| Credits            |                                                                        | 16                 |
| Spring             |                                                                        |                    |
| ARH 352            | Art of the Enlightenment                                               | 4                  |
| ENVS 411           | Environmental Issues: [Topic] (H2O: Life and Death)                    | 4                  |
| HIST 415           | Advanced World History: [Topic] (Energy and World Politics)            | 4                  |
| PS 440             | Causes and Prevention of War                                           | 4                  |
| Credits            |                                                                        | 16                 |
| Total Credits      |                                                                        | 44                 |

| Course      | Title                                   | Credits Milestones |
|-------------|-----------------------------------------|--------------------|
| Fourth Year |                                         |                    |
| Fall        |                                         |                    |
| ARH 457     | Contemporary Art: [Topic] (Global Asia) | 4                  |



|                                             |                                                                               |           |
|---------------------------------------------|-------------------------------------------------------------------------------|-----------|
| HIST 473                                    | American Environmental History: [Topic] (United States Environmental History) | 4         |
| PS 477                                      | International Environmental Politics                                          | 4         |
| <b>Credits</b>                              |                                                                               | <b>12</b> |
| <b>Winter</b>                               |                                                                               |           |
| ARH 407                                     | Seminar: [Topic] (Chinese Cinema)                                             | 4         |
| REL 357                                     | War, Terrorism, and Religion                                                  | 4         |
| ENVS 435                                    | Environmental Justice                                                         | 4         |
| HIST 473                                    | American Environmental History: [Topic] (Colonial Environmental History)      | 4         |
| <b>Credits</b>                              |                                                                               | <b>16</b> |
| <b>Spring</b>                               |                                                                               |           |
| HIST 407                                    | Seminar: [Topic] (Environment and Colonialism)                                | 5         |
| Upper-division environmental studies course |                                                                               | 4         |
| PS 460 or similar                           |                                                                               | 4         |
| Upper-division art history course           |                                                                               | 4         |
| <b>Credits</b>                              |                                                                               | <b>17</b> |
| <b>Total Credits</b>                        |                                                                               | <b>45</b> |

## History Minor

Students can declare a minor in history through meeting with a History advisor or a university academic advisor (e.g., at Tykeson Hall or the Office of Academic Advising).

The current primary Advisor for Undergraduate Studies can be contacted at [HistoryAdvising@uoregon.edu](mailto:HistoryAdvising@uoregon.edu).

The faculty advisor helps develop a plan that directs the course of study and ensures timely completion of the requirements.

## Minor Requirements

At least 20 credits—including at least 8 400-level credits—must be completed at the University of Oregon. Courses in history before 1800 and non-European or non-U.S. history require a grade of C– or better to apply toward the minor requirements. Four of the credits may be completed at the lower division. Specific requirements follow:

| Code                                                                                                 | Title | Credits |
|------------------------------------------------------------------------------------------------------|-------|---------|
| <b>History Courses</b>                                                                               |       |         |
| <b>28</b>                                                                                            |       |         |
| 24 upper-division credits <sup>1</sup>                                                               |       |         |
| 4 credits in a course on history before 1800                                                         |       |         |
| 4 upper-division credits in a course that does not focus on either European or United States history |       |         |

<sup>1</sup> 12 of the 24 credits must be at the 400 level (three courses from among HIST 408, 410–499).

## Additional Requirements

A grade point average (GPA) of 2.50 or higher is required in history courses taken at the University of Oregon.

## History (MA)

Our MA program provides students and their faculty advisors with maximum flexibility in designing fields of study. Many of our MA students

choose to continue their studies in our PhD program, while others have won admission into some of the most prestigious programs in North America, including Princeton University, the University of California, Berkeley, the University of Chicago, the University of Toronto, and the University of California, Santa Barbara.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Become conversant and proficient in the most important interpretive frameworks and significant debates in history, as well as the major historical sub-disciplines.
- Become conversant and proficient in the most important historical scholarship in at least one major research field.
- Able to present persuasive historical arguments to scholarly and public audiences in both written and oral form, substantiated with primary and secondary sources.
- Able to navigate historical archives, both physical and digital, in order to produce new historical knowledge that is relevant for the discipline and the broader public.
- Knowledgeable about the major professional organizations, conferences, and funding organizations for the discipline. Knowledgeable about the various career opportunities available to professional historians, including but not limited to work in academia, public history, public service, and non-profit organizations.
- Able to productively collaborate in a multicultural context being aware of historical issues of equity and inclusion for historically marginalized individuals/groups within and around the workplace.

## Master of Arts in History

Applicants are expected to have completed an undergraduate degree in the liberal arts with emphasis on history. The MA program is typically completed in two years of full-time study. Before receiving the degree, students must demonstrate competence in a second language.

Students must write a master's thesis or complete two substantial research papers in the primary field and defend the thesis or research papers in an oral examination.

## Major Field Requirement

Students must declare a major field of study, chosen in consultation with a faculty advisor.

## Plan of Study

By the end of the first term in the program, students are required to file a plan of study, signed by the advisor, in which they state their major field, list all anticipated course work, and specify their language requirement. The plan of study may be modified later by agreement of both student and advisor. All plans of study are reviewed and approved by the director of graduate studies.

| Code     | Title                                        | Credits |
|----------|----------------------------------------------|---------|
| HIST 611 | Field Readings <sup>1</sup>                  | 5       |
| HIST 612 | Historical Methods and Writings <sup>2</sup> | 5       |
| HIST 615 | Professional Development <sup>3</sup>        | 1       |
| HIST 616 | Graduate Student Conference <sup>4</sup>     | 1       |
| HIST 507 | Seminar: [Topic] (two seminars)              | 5       |

|             |                                                |   |
|-------------|------------------------------------------------|---|
| or HIST 607 | Seminar: [Topic]                               |   |
| HIST 608    | Workshop: [Topic] (two colloquia) <sup>5</sup> | 5 |

<sup>1</sup> Completed during the first two terms of the first year. This requirement may also be satisfied by completion of (1) an appropriate 500-level course, approved by an advisor, or (2) Workshop: [Topic] (HIST 608), if equivalent to Field Readings (HIST 611).

<sup>2</sup> Taken fall term.

<sup>3</sup> Taken winter term.

<sup>4</sup> Taken spring term.

<sup>5</sup> Student may petition to replace Workshop: [Topic] (HIST 608) with Workshop: [Topic] (HIST 508).

## Language Requirement

All MA students must demonstrate proficiency in at least one foreign language by passing an exam that tests the ability to read and comprehend a passage of average difficulty drawn from primary sources or the secondary literature. The language exam is offered once each term during the regular academic year.

Advisors must approve the choice of language. MA students whose thesis or research papers require work in foreign language sources are strongly urged to complete this requirement by the end of the first year of study. Advisors may set higher standards or include additional languages in which students must demonstrate competence. These standards should be established at the time a faculty member accepts a graduate student and fills out the plan of study form.

## Writing Requirement

There are two options for satisfying the major writing requirement for the MA:

- A student must complete a master's thesis in his or her major focus of study and pass an oral defense of the thesis before a committee of three faculty members
- A student must complete two substantial research papers and pass an oral defense of these papers before a committee of three faculty members. For the purposes of this option, a research paper is defined as a paper of twenty-five pages or more, based on primary source research

Students completing the thesis option may enroll in a maximum of 10 credits of Thesis (HIST 503), usually in the winter and spring of their second year. Students choosing the research papers option may register for 5 credits of Research: [Topic] (HIST 601), usually in either winter or spring of their second year.

Under ordinary circumstances, it takes students two full years of work to complete this program.

## History (PhD)

Our PhD program combines an emphasis on research and teaching designed to equip students to compete successfully for faculty positions. We offer focal fields in the North American West/ Borderlands, Indigenous People/Native Americans, Environmental history, African American/African history, the history of Women/Gender/Sexuality, Asia (with particular strengths in the history of China and Japan), Latin America, and Transnational history. Additionally, we have strengths in the history of Russia, science and the social sciences, and intellectual history. Most of our doctoral students come to the UO with a master's

degree. We also admit a small number of highly qualified students with bachelor's degrees into our PhD program.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop expertise in the most important interpretive frameworks and significant debates in history, as well as the major historical sub-disciplines.
- Develop expertise in the most important historical scholarship in at least three major fields.
- Present persuasive historical arguments to scholarly and public audiences in both written and oral form, substantiated with primary and secondary sources.
- Navigate historical archives, both physical and digital, in order to produce new historical knowledge that is relevant for the discipline and the broader public.
- Be knowledgeable about the major professional organizations, conferences, and funding organizations for the discipline. Knowledgeable about the various career opportunities available to professional historians, including but not limited to work in academia, public history, public service, and non-profit organizations.
- Productively collaborate in a multicultural context being aware of historical issues of equity and inclusion for historically marginalized individuals/groups within and around the workplace.

## Doctor of Philosophy in History

Typically, incoming PhD students who enter with a master's degree are expected to have completed the equivalent of the history department's MA program. Students admitted on the BA-to-PhD track complete the program's MA requirements as they progress toward their PhD degrees. In some cases, doctoral students might be admitted without having fulfilled some of these prerequisites—for example, a course equivalent to Historical Methods and Writings (HIST 612). If this is the case, doctoral students will be required to take Historical Methods and Writings (HIST 612), Professional Development (HIST 615), and Graduate Student Conference (HIST 616).

PhD students prepare themselves in three fields, as follows:

1. **Major Research Field.** A specific, more narrowly defined field—typically, the area of one's dissertation, as conventionally understood
2. **Major Teaching Field.** A general, more broadly defined field that encompasses the research field but is more extensive—typically, a teaching field, as conventionally understood
3. **Minor Thematic, Methodological, or Comparative Field.** Typically the theme, method, or comparison to be advanced in the dissertation

For example, a student of modern France might choose modern France as a major research field, modern Europe as a major teaching field, and gender history, intellectual history, or military history as a minor thematic field. A student of China might take a major research field in modern China, a teaching field in China, and a minor comparative field in Japan.

## Plan of Study

By the end of the first term in the program, students are required to file a plan of study, signed by the advisor, in which they state their major field, list all anticipated course work, and specify their language requirement. The plan of study may be modified later by agreement of both student

and advisor. All plans of study are reviewed and approved by the director of graduate studies.

An entering PhD student lacking the equivalent to Historical Methods and Writings (HIST 612) must take the same HIST 612, 615, 616 sequence (<http://history.uoregon.edu/graduate/ma/#course>) as that required of MA students (see table below). This requirement may be waived for incoming students with sufficient preparation based on prior graduate work.

| Code                    | Title                                          | Credits |
|-------------------------|------------------------------------------------|---------|
| HIST 611                | Field Readings <sup>1</sup>                    | 5       |
| HIST 612                | Historical Methods and Writings <sup>2</sup>   | 5       |
| HIST 615                | Professional Development <sup>3</sup>          | 1       |
| HIST 616                | Graduate Student Conference <sup>4</sup>       | 1       |
| HIST 507<br>or HIST 607 | Seminar: [Topic] (two seminars)                | 5       |
| HIST 608                | Workshop: [Topic] (two colloquia) <sup>5</sup> | 5       |

<sup>1</sup> Completed during the first two terms of the first year. This requirement may also be satisfied by completion of (1) an appropriate 500-level course, approved by an advisor, or (2) Workshop: [Topic] (HIST 608), if equivalent to Field Readings (HIST 611).

<sup>2</sup> Taken fall term.

<sup>3</sup> Taken winter term.

<sup>4</sup> Taken spring term.

<sup>5</sup> Student may petition to replace Workshop: [Topic] (HIST 608) with Workshop: [Topic] (HIST 508).

## Additional Requirements

- **Minor Field.** Two courses at the 500 or 600 level that, together, define a thematic, methodological, or comparative field. A nonhistory course may be used with approval
- One additional course at the 500 or 600 level in history or another field
- **Distribution Requirement.** PhD students are required to take two courses focusing on subjects outside their country or region of geographic specialization

There is no total credit requirement for the PhD—rather, the Division of Graduate Studies stipulates both a minimum (per term) credit requirement and a residency requirement (<http://gradschool.uoregon.edu/?page=residencyEnrollmentRequirements>).

## Language Requirement

PhD students must demonstrate proficiency in at least one foreign language by passing an exam that tests their ability to read and comprehend a passage of average difficulty drawn from primary sources or the secondary literature. The language exam is offered once each term during the regular academic year.

Advisors must approve the choice of language. The language requirements of PhD students, however, will vary according to field. Students admitted into the PhD program should have the language preparation required to enable historical work in their field. Some additional language study might be required by individual advisors as an essential part of a student's PhD work. These standards should be established at the time a faculty member accepts a graduate student and fills out the plan of study form.

## Oral Comprehensive Examination

PhD students should take and pass their oral comprehensive examinations in the winter term of their second year, or during spring term at the latest. BA-to-PhD students should take their oral comprehensive exams in their third year. Students may, but are not required, to register for Comprehensive Exam Preparation (HIST 618) to prepare for their comprehensive examinations with the appropriate faculty members.

## Dissertation

After completing course work, demonstrating language competence, and passing the oral comprehensive examination, the doctoral student advances to candidacy. The doctoral candidate must compose and defend a dissertation prospectus and then research and write a dissertation that makes an original scholarly contribution to the field and shows evidence of ability in independent investigation. Finally, the candidate defends the dissertation in a formal, public session.

Students should have tentatively identified a dissertation topic by the end of their first year (or, for BA-to-PhD students, by the fall of the third year) and should then file a Tentative Dissertation Topic Form with the graduate director.

PhD students must also prepare and defend a dissertation prospectus no later than the term subsequent to successful passage of the oral comprehensive exam. Students may, but are not required, to register for Dissertation Prospectus (HIST 619) to prepare their dissertation prospectus with the appropriate faculty.

## Time to Degree

Applicants with MA degrees who are accepted into the PhD program must complete the PhD requirements within seven years.

Students with BA degrees who are admitted to the PhD program must complete the MA requirements within two years. Such students must complete both the MA and the PhD requirements within a total of seven years from the time of admission.

## Indigenous, Race, and Ethnic Studies

**Ernesto Javier Martínez, Department Head**

104 Alder Building  
5268 University of Oregon  
Eugene, Oregon 97403-5268  
541-346-0900  
[ejm@uoregon.edu](mailto:ejm@uoregon.edu)

IRES classes examine the construction and context of indigeneity, race, and ethnicity in the United States, highlighting the histories, experiences, and movements of people of color and Indigenous peoples in the Americas. As elements of identity that cut across disciplinary categories, indigeneity, race, and ethnicity require a mode of study that draws on the humanities and the social sciences as well as interdisciplinary sources such as cultural studies.

IRES scholars investigate race and racism alongside settler colonialism and other historical and contemporary manifestations of white supremacy and domination, analyzing how such systems of domination have created, and continue to create, social injustice. While the social construction of race in the United States is at the center of traditional

ethnic studies, it is impossible to discuss racial dynamics without also paying significant attention to issues of gender, class, sexuality, indigeneity, immigration, transnational migration, and the diasporic formations resulting from the slave trade, indentured labor, colonialism, postcolonialism, imperialism, and globalization.

IRES courses that satisfy university core-education requirements are listed under Area Requirements and Cultural Literacy Requirement in the Bachelor's Degree Requirements section of this catalog.

## Faculty

Charise L. Cheney, associate professor (African American popular and political cultures; Black nationalist ideologies and practices; gender and sexuality). BSJ, 1993, Northwestern; PhD, 1999, Illinois, Urbana-Champaign. (2009)

Courtney M. Cox, assistant professor (Race and Sport, cultural, political and economic effects of global sport, advanced analytics in sport). BJ, 2008, University of Texas at Austin; MA, 2013, University of Texas at Austin; MA, 2017, University of Southern California; PhD, 2019, University of Southern California. (2019) - On leave, AY 23

Lynn H. Fujiwara, associate professor (women of color, Asian American studies, labor). BA, 1990, California, San Diego; MA, 1993, PhD, 1999, California, Santa Cruz. (2000)

Brian Klopotek, associate professor (federal recognition of Indian tribes, Native American education, environmentalism). BA, 1994, Yale; PhD, 2004, Minnesota, Twin Cities. (2003)

Sharon Luk, associate professor (racism and racial capitalism, ethnic ontologies, epistemology). BA, 2001, Brown; MA, 2008, PhD, 2012, Southern California. (2014) - On leave, AY 23

Ernesto J. Martínez, associate professor (comparative ethnic studies, queer studies, feminist theory). BA, 1998, Stanford; MA, 2003, PhD, 2005, Cornell. (2006)

Jennifer R. O'Neal, acting assistant professor (Native American and Indigenous history, American West history, decolonizing methodologies, cultural heritage archives, traditional knowledge systems, digital humanities). BS, 1999, Utah State University; MA, 2002, Utah State University; MA, 2003, University of Arizona; (ABD) PhD, 2019, Georgetown University. (2019)

Laura Pulido, professor (critical human geography, environmental justice, Chicano studies). BA, 1984, California State, Fresno; MA, 1987, Wisconsin, Madison; PhD, 1991, California, Los Angeles. (2016)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Majors - Bachelor's Degree

- Ethnic Studies (BA/BS) (p. 386)
- Native American and Indigenous Studies (BA/BS) (p. 389)

## Minors

- Ethnic Studies (p. 391)
- Latinx Studies (p. 391)
- Native American and Indigenous Studies (p. 392)

## Graduate Programs

### Major - Doctoral Degree

- Indigenous, Race, and Ethnic Studies (PhD) (p. 393)

### Certificate

- Indigenous, Race, and Ethnic Studies (p. 394)

## Ethnic Studies (BA/BS)

Our department looks at the way that race is tied to many other issues, including gender, class, sexuality, migration, indigeneity, and colonialism. With our students, we investigate and critique examples of white supremacy, both historical and present. We focus not only on race in the United States, but also on migrations and diasporas (such as those that result from the slave trade, settler colonialism, and globalization).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Understand the relationship of race and ethnicity to power and inequality, with special emphasis on intersections with class, gender, immigration, indigeneity and sexuality.
- Explain how white domination and a culture of white supremacy work historically and in the present to create legal, economic, social, and political hierarchies within and between racial and ethnic groups.
- Understand the racial formation of at least two groups within the U.S., including transnational connections when appropriate, from among the following: Native Americans, African American and other Black communities, Chicana/os and Latina/os, Asian Americans, and Pacific Islanders.
- Analyze conflicts, tensions, and building of effective intra- and intergroup coalitions and alliances among racial groups.
- Analyze cultural production generated by and about communities of color, especially as they speak to relationships of power.
- Articulate clearly, coherently, and convincingly the major concepts and theories in ethnic studies through critical writing and oral communication.
- Engage in original research that culminates in a research paper that reflects and utilizes a comprehensive understanding of ethnic studies methodologies and theories, synthesizes and applies knowledge from earlier ethnic studies coursework, and attends to the details of evidence and argumentation in knowledge production.
- Understand the principles of community-oriented action and research.

## Ethnic Studies Major Requirements

| Code                         | Title                                  | Credits |
|------------------------------|----------------------------------------|---------|
| <b>Lower Division</b>        |                                        |         |
| ES 101                       | Introduction to Ethnic Studies         | 4       |
| Select one of the following: |                                        | 4       |
| ES 250                       | Introduction to Black Studies          |         |
| ES 252                       | Introduction to Asian American Studies |         |

|                                          |                                            |           |
|------------------------------------------|--------------------------------------------|-----------|
| ES 254                                   | Introduction to Chicanx and Latinx Studies |           |
| ES 256                                   | Introduction to Native American Studies    |           |
| ES 258                                   | Introduction to Pacific Islander Studies   |           |
| Additional 100- or 200-level course      |                                            | 4         |
| <b>Upper Division</b>                    |                                            |           |
| ES 301                                   | Theoretical Perspectives in Ethnic Studies | 4         |
| Two 400-level courses                    |                                            | 8         |
| Six additional 300- or 400-level courses |                                            | 24        |
| <b>Total Credits</b>                     |                                            | <b>48</b> |

Majors must construct their programs in consultation with an ethnic studies advisor. At least 24 of the required upper-division credits must be taken in residence at the University of Oregon. Courses applied to the major must be taken for letter grades and passed with grades of mid-C or better. Majors must maintain a grade point average of at least 2.00 in courses applied to the major. Students majoring in ethnic studies may apply credits in Research: [Topic] (ES 401) and Reading and Conference: [Topic] (ES 405) toward their degree only if completed with letter grades of mid-C or better. Practicum: [Topic] (ES 406) may be applied toward the major on a graded or pass/no pass basis.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Ethnic Studies

| Course                                             | Title                                         | Credits   | Milestones |
|----------------------------------------------------|-----------------------------------------------|-----------|------------|
| <b>First Year</b>                                  |                                               |           |            |
| <b>Fall</b>                                        |                                               |           |            |
| ES 101                                             | Introduction to Ethnic Studies                | 4         |            |
| WR 121Z                                            | Composition I                                 | 4         |            |
| First term of first-year second-language sequence  |                                               | 4         |            |
| Elective course                                    |                                               | 4         |            |
| <b>Credits</b>                                     |                                               | <b>16</b> |            |
| <b>Winter</b>                                      |                                               |           |            |
| ES 250                                             | Introduction to Black Studies                 | 4         |            |
| or ES 252                                          | or Introduction to Asian American Studies     |           |            |
| or ES 254                                          | or Introduction to Chicanx and Latinx Studies |           |            |
| or ES 256                                          | or Introduction to Native American Studies    |           |            |
| or ES 258                                          | or Introduction to Pacific Islander Studies   |           |            |
| Second term of first-year second-language sequence |                                               | 4         |            |
| WR 122Z                                            | Composition II                                | 4         |            |
| Multicultural course                               |                                               | 4         |            |
| <b>Credits</b>                                     |                                               | <b>16</b> |            |
| <b>Spring</b>                                      |                                               |           |            |
| Lower-division ethnic studies course               |                                               | 4         |            |
| Third term of first-year second-language sequence  |                                               | 4         |            |
| Multicultural course                               |                                               | 4         |            |

|                      |           |
|----------------------|-----------|
| Elective course      | 4         |
| <b>Credits</b>       | <b>16</b> |
| <b>Total Credits</b> | <b>48</b> |

| Course                                              | Title | Credits   | Milestones |
|-----------------------------------------------------|-------|-----------|------------|
| <b>Second Year</b>                                  |       |           |            |
| <b>Fall</b>                                         |       |           |            |
| Upper-division ethnic studies course                |       | 4         |            |
| First term of second-year second-language sequence  |       | 4         |            |
| General-education course in social science          |       | 4         |            |
| Elective course                                     |       | 4         |            |
| <b>Credits</b>                                      |       | <b>16</b> |            |
| <b>Winter</b>                                       |       |           |            |
| Upper-division ethnic studies course                |       | 4         |            |
| Second term of second-year second-language sequence |       | 4         |            |
| General-education course in social science          |       | 4         |            |
| Elective course                                     |       | 4         |            |
| <b>Credits</b>                                      |       | <b>16</b> |            |
| <b>Spring</b>                                       |       |           |            |
| Upper-division ethnic studies course                |       | 4         |            |
| Third term of second-year second-language sequence  |       | 4         |            |
| General-education course in social science          |       | 4         |            |
| Elective course                                     |       | 4         |            |
| <b>Credits</b>                                      |       | <b>16</b> |            |
| <b>Total Credits</b>                                |       | <b>48</b> |            |

| Course                                       | Title                                      | Credits   | Milestones |
|----------------------------------------------|--------------------------------------------|-----------|------------|
| <b>Third Year</b>                            |                                            |           |            |
| <b>Fall</b>                                  |                                            |           |            |
| ES 301                                       | Theoretical Perspectives in Ethnic Studies | 4         |            |
| General-education course in arts and letters |                                            | 4         |            |
| General-education course in science          |                                            | 4         |            |
| Elective course                              |                                            | 4         |            |
| <b>Credits</b>                               |                                            | <b>16</b> |            |
| <b>Winter</b>                                |                                            |           |            |
| Upper-division ethnic studies course         |                                            | 4         |            |
| General-education course in arts and letters |                                            | 4         |            |
| General-education course in social science   |                                            | 4         |            |
| Elective course                              |                                            | 4         |            |
| <b>Credits</b>                               |                                            | <b>16</b> |            |
| <b>Spring</b>                                |                                            |           |            |
| Upper-division ethnic studies course         |                                            | 4         |            |
| General-education course in arts and letters |                                            | 4         |            |
| General-education course in social science   |                                            | 4         |            |
| Elective course                              |                                            | 4         |            |
| <b>Credits</b>                               |                                            | <b>16</b> |            |
| <b>Total Credits</b>                         |                                            | <b>48</b> |            |



| Course                                            | Title                                         | Credits   | Milestones |
|---------------------------------------------------|-----------------------------------------------|-----------|------------|
| <b>Fourth Year</b>                                |                                               |           |            |
| <b>Fall</b>                                       |                                               |           |            |
|                                                   | Upper-division course with an ES subject code | 4         |            |
|                                                   | General-education course in social science    | 4         |            |
|                                                   | General-education course in arts and letters  | 4         |            |
|                                                   | General-education course in science           | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
| <b>Winter</b>                                     |                                               |           |            |
|                                                   | Three elective courses                        | 12        |            |
|                                                   | 400-level ethnic studies elective             | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
| <b>Spring</b>                                     |                                               |           |            |
|                                                   | Three elective courses                        | 12        |            |
|                                                   | 400-level ethnic studies elective             | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
|                                                   | <b>Total Credits</b>                          | <b>48</b> |            |
| <b>Bachelor of Science in Ethnic Studies</b>      |                                               |           |            |
| Course                                            | Title                                         | Credits   | Milestones |
| <b>First Year</b>                                 |                                               |           |            |
| <b>Fall</b>                                       |                                               |           |            |
| ES 101                                            | Introduction to Ethnic Studies                | 4         |            |
| WR 121Z                                           | Composition I                                 | 4         |            |
|                                                   | Mathematics course                            | 4         |            |
|                                                   | Elective course                               | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
| <b>Winter</b>                                     |                                               |           |            |
| ES 250                                            | Introduction to Black Studies                 | 4         |            |
| or ES 252                                         | or Introduction to Asian American Studies     |           |            |
| or ES 254                                         | or Introduction to Chicanx and Latinx Studies |           |            |
| or ES 256                                         | or Introduction to Native American Studies    |           |            |
| or ES 258                                         | or Introduction to Pacific Islander Studies   |           |            |
|                                                   | Mathematics course                            | 4         |            |
| WR 122Z                                           | Composition II                                | 4         |            |
|                                                   | Elective course                               | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
| <b>Spring</b>                                     |                                               |           |            |
|                                                   | Lower-division ethnic studies course          | 4         |            |
|                                                   | Mathematics course                            | 4         |            |
|                                                   | Elective courses                              | 8         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
|                                                   | <b>Total Credits</b>                          | <b>48</b> |            |
| Course                                            | Title                                         | Credits   | Milestones |
| <b>Second Year</b>                                |                                               |           |            |
| <b>Fall</b>                                       |                                               |           |            |
|                                                   | Upper-division ethnic studies course          | 4         |            |
|                                                   | Multicultural course                          | 4         |            |
| <b>General-education course in social science</b> |                                               |           |            |
| <b>Elective course</b>                            |                                               |           |            |
| <b>Credits</b>                                    |                                               |           |            |
| <b>16</b>                                         |                                               |           |            |
| <b>Winter</b>                                     |                                               |           |            |
|                                                   | Upper-division ethnic studies course          | 4         |            |
|                                                   | Multicultural course                          | 4         |            |
|                                                   | General-education course in social science    | 4         |            |
|                                                   | Elective course                               | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
| <b>Spring</b>                                     |                                               |           |            |
|                                                   | Upper-division ethnic studies course          | 4         |            |
|                                                   | General-education course in social science    | 4         |            |
|                                                   | Elective courses                              | 8         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
|                                                   | <b>Total Credits</b>                          | <b>48</b> |            |
| Course                                            | Title                                         | Credits   | Milestones |
| <b>Third Year</b>                                 |                                               |           |            |
| <b>Fall</b>                                       |                                               |           |            |
| ES 301                                            | Theoretical Perspectives in Ethnic Studies    | 4         |            |
|                                                   | General-education course in arts and letters  | 4         |            |
|                                                   | General-education course in science           | 4         |            |
|                                                   | Elective course                               | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
| <b>Winter</b>                                     |                                               |           |            |
|                                                   | Upper-division ethnic studies course          | 4         |            |
|                                                   | General-education course in arts and letters  | 4         |            |
|                                                   | General-education course in science           | 4         |            |
|                                                   | Elective course                               | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
| <b>Spring</b>                                     |                                               |           |            |
|                                                   | Upper-division ethnic studies course          | 4         |            |
|                                                   | General-education course in arts and letters  | 4         |            |
|                                                   | General-education course in science           | 4         |            |
|                                                   | Elective course                               | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
|                                                   | <b>Total Credits</b>                          | <b>48</b> |            |
| Course                                            | Title                                         | Credits   | Milestones |
| <b>Fourth Year</b>                                |                                               |           |            |
| <b>Fall</b>                                       |                                               |           |            |
|                                                   | Upper-division ethnic studies course          | 4         |            |
|                                                   | General-education course in social science    | 4         |            |
|                                                   | General-education course in arts and letters  | 4         |            |
|                                                   | General-education course in science           | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
| <b>Winter</b>                                     |                                               |           |            |
|                                                   | Three elective courses                        | 12        |            |
|                                                   | 400-level ethnic studies elective             | 4         |            |
|                                                   | <b>Credits</b>                                | <b>16</b> |            |
| <b>Spring</b>                                     |                                               |           |            |
|                                                   | Three elective courses                        | 12        |            |

|                                   |           |
|-----------------------------------|-----------|
| 400-level ethnic studies elective | 4         |
| <b>Credits</b>                    | <b>16</b> |
| <b>Total Credits</b>              | <b>48</b> |

## Native American and Indigenous Studies (BA/BS)

### Kirby Brown, Director

Associate Professor of English and NAIS  
104 Alder Building  
nas@uoregon.edu

Native American and Indigenous Studies is an interdisciplinary field that draws upon multiple approaches from history, anthropology, law, literature, ethnic studies, and other disciplines to understand Native American history, culture, politics, and contemporary lives. NAIS highlights the unique place of tribes in the state-tribal-federal intergovernmental matrix and the myriad of distinct issues Native peoples of the United States face, from language and cultural protection to environmental issues to economic development and beyond.

Students in NAIS will join a diverse, tightly knit community of scholars who cherish our connections with Native communities and strive to make our work valuable for the project of building up Native nations. UO NAIS affords students extensive grounding in Indigenous history and culture as well as nuanced understanding of tribal sovereignty, Indigenous nationhood, settler colonialism, and the diversity and beauty of contemporary Indigenous lives and experiences.

Such work prepares students for a variety of postsecondary opportunities ranging from government, law, research, and education; to nonprofit and public interest work, environmental and resource management, and business and economic development; to the arts, journalism, communication, new media, and more. In a state with nine federally recognized indigenous nations and with a Native American population 50% higher proportionally than the national average, this knowledge is crucial for future leaders in all fields.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Articulate significance of Indigenous nations as political entities, not just ethnic or racial minorities.
- Apply gender as a critical analytic element in Indigenous studies in multiple ways.
- Gain at least partial competence in Indigenous languages.
- Demonstrate fluency in place-based knowledge in Indigenous studies of Oregon.
- Apply academic knowledge to issues in tribal communities and contexts.

## Undergraduate Studies

Students may earn an undergraduate major in Native American and Indigenous Studies (NAIS) housed in the Department of Indigenous, Race, and Ethnic Studies (IRES). The primary goal of the NAIS major is to provide students extensive grounding in Indigenous history and culture as well as nuanced understandings of tribal sovereignty, Indigenous nationhood, and the diversity and beauty of contemporary Indigenous identities, lives, and experiences across the Americas and throughout

the Pacific. A secondary goal of the program is to encourage student awareness of the ethnic and cultural dimensions and applications of other major fields of study. Students of literature, social sciences, education, urban planning, arts, humanities, law, and international studies—to name only a few—find that related Native American and Indigenous Studies courses greatly enrich their academic programs. This foundation prepares students for diverse career paths including tribal political leadership, education and administration, social services/social work, language revitalization and instruction, environmental policy, natural/cultural resources management, law, cultural heritage preservation, the arts, journalism and new media, and community/economic development.

Up to 3 courses, or 12 credits, applied to the Native American and Indigenous Studies major may be used to satisfy major or minor requirements for other programs. All courses applied to a minor in Native American and Indigenous Studies may be used to satisfy major or minor requirements for other programs.

Specific details and course approvals must be obtained from the director of the Native American and Indigenous Studies program (nastudies@uoregon.edu).

## Requirements for the Major: Conventional Track

The conventional track of the Native American and Indigenous Studies major requires 56 credits. At least 28 credits must be taken in residence at the University of Oregon. Up to two courses, or 8 credits, may be counted toward the major from a list of related courses that fall outside the core of NAIS but that focus on other issues closely related to the field (see course list below). Courses must be taken for a grade, and grades must be mid-C or higher to count toward the minor. The conventional track requires one year of Native language classes that may be fulfilled at the University of Oregon or any other accredited institution or tribal partner. See program director for details. The course load is distributed as follows:

| Code                                                                                                                           | Title                                                                                                                                                                                                                                                                       | Credits   |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| ES 256                                                                                                                         | Introduction to Native American Studies                                                                                                                                                                                                                                     | 4         |
| Additional lower division elective                                                                                             |                                                                                                                                                                                                                                                                             | 4         |
| One year of Ichishkiin or Chinuk Wawa (or other Indigenous language) (3 quarters/12 credits)                                   |                                                                                                                                                                                                                                                                             | 12        |
| <b>Upper Division Courses</b>                                                                                                  |                                                                                                                                                                                                                                                                             |           |
| Six upper-division electives from approved courses list, one of which must be in NAIS group 3 (literature/media/creative arts) |                                                                                                                                                                                                                                                                             | 24        |
| ES 321                                                                                                                         | Indigenous Peoples of Oregon                                                                                                                                                                                                                                                | 4         |
| ES 468                                                                                                                         | Indigenous Research Methods and Ethics<br>Students who elect to pursue a senior research practicum (ES 409) will need to be concurrently enrolled in or have satisfactorily completed this course                                                                           | 4         |
| ES 470                                                                                                                         | Native American and Indigenous Feminisms (OR WGS 251: Transnational and Indigenous Feminisms)<br>Students who fulfill this requirement with WGS 251 may do so via a lower division elective; they will still need to fulfill all upper division requirements for the major. | 4         |
| <b>Total Credits</b>                                                                                                           |                                                                                                                                                                                                                                                                             | <b>56</b> |

## Requirements for the Major: Language Track

The language track of the Native American and Indigenous Studies major requires 56 credits. At least 28 credits must be taken in residence at the University of Oregon. Up to two courses, or 8 credits, may be counted toward the major from a list of related courses that fall outside the core of NAIS but that focus on other issues closely related to the field (see course list below). Courses must be taken for a grade, and grades must be mid-C or higher to count toward the minor. The language track requires two years of Indigenous language classes that may be taken at the University of Oregon or any other accredited institution or tribal partner. See program director for details. The course load is distributed as follows:

| Code                                                                                                                            | Title                                                                                                                                                                                                                                                                       | Credits   |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| ES 256                                                                                                                          | Introduction to Native American Studies                                                                                                                                                                                                                                     | 4         |
| Two years (6 quarters) of Ichishkiin (UO), Chinuk Wawa (LCC), or other Indigenous language                                      |                                                                                                                                                                                                                                                                             | 24        |
| <b>Upper Division Courses</b>                                                                                                   |                                                                                                                                                                                                                                                                             |           |
| Four upper-division electives from approved courses list, one of which must be in NAIS group 3 (literature/media/creative arts) |                                                                                                                                                                                                                                                                             | 16        |
| ES 321                                                                                                                          | Indigenous Peoples of Oregon                                                                                                                                                                                                                                                | 4         |
| ES 468                                                                                                                          | Indigenous Research Methods and Ethics<br>Students who elect to pursue a senior research practicum (ES 409) will need to be concurrently enrolled in or have satisfactorily completed this course.                                                                          | 4         |
| ES 470                                                                                                                          | Native American and Indigenous Feminisms (OR WGS 251: Transnational and Indigenous Feminisms)<br>Students who fulfill this requirement with WGS 251 may do so via a lower division elective; they will still need to fulfill all upper division requirements for the major. | 4         |
| <b>Total Credits</b>                                                                                                            |                                                                                                                                                                                                                                                                             | <b>56</b> |

## Distribution Groups

| Code                                             | Title                                                             | Credits |
|--------------------------------------------------|-------------------------------------------------------------------|---------|
| <b>Group 1: Culture, Language, and Education</b> |                                                                   |         |
| ANTH 248                                         | Archaeology of Wild Foods                                         | 4       |
| ANTH 320                                         | Native North Americans                                            | 4       |
| ANTH 434                                         | Native South Americans                                            | 4       |
| ANTH 442                                         | Northwest Coast Archaeology                                       | 4       |
| ANTH 443                                         | North American Archaeology                                        | 4       |
| ANTH 438                                         | Race and Gender in Latin America                                  | 4       |
| EDST 410                                         | Experimental Course: [Topic] (Indigenous Principles of Education) | 1-5     |
| EDST 456                                         | Decolonization and Education                                      | 4       |
| ES 196                                           | Field Studies: [Topic] (w/approval of NAIS director/adviser)      | 1-5     |
| ES 199                                           | Special Studies: [Topic]                                          | 1-5     |
| ES 404                                           | Internship: [Topic] (w/approval of NAIS director/adviser)         | 1-12    |
| ES 406                                           | Practicum: [Topic]                                                | 1-12    |
| ICH 101                                          | First-Year Ichishki'in                                            | 5       |
| ICH 102                                          | First-Year Ichishki'in                                            | 5       |

|          |                                                                                                          |     |
|----------|----------------------------------------------------------------------------------------------------------|-----|
| ICH 103  | First-Year Ichishki'in                                                                                   | 5   |
| ICH 201  | Second-Year Ichishki'in                                                                                  | 5   |
| ICH 202  | Second-Year Ichishki'in                                                                                  | 5   |
| ICH 203  | Second-Year Ichishki'in                                                                                  | 5   |
| LING 399 | Special Studies: [Topic] (Indigenous Languages of Oregon)                                                | 1-5 |
| LT 199   | Special Studies: [Topic] (Sahaptin Language; Tolowa and Lushootseed Language; Other Indigenous Language) | 1-5 |
| PHIL 451 | Native American Philosophy                                                                               | 4   |

### Group 2: Law, Policy, Governance, and History

|                                                 |                                                                                                                                                                                                  |     |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| ENVS 411                                        | Environmental Issues: [Topic] (Climate Change and Indigenous Peoples)                                                                                                                            | 4   |
| ENVS 435                                        | Environmental Justice                                                                                                                                                                            | 4   |
| ES 258                                          | Introduction to Pacific Islander Studies                                                                                                                                                         | 4   |
| ES 321                                          | Indigenous Peoples of Oregon                                                                                                                                                                     | 4   |
| ES 350                                          | Native Americans and the Environment                                                                                                                                                             | 4   |
| ES 456                                          | History of Native American Education                                                                                                                                                             | 4   |
| ES 464                                          | Relational Studies of Indigeneity, Race and Culture: [Topic] (Black-Indian Relations; Latinx-Indigenous Relations)                                                                               | 4   |
| ES 466                                          | Native American Ethnohistory                                                                                                                                                                     | 4   |
| ES 468                                          | Indigenous Research Methods and Ethics                                                                                                                                                           | 4   |
| ES 470                                          | Native American and Indigenous Feminisms                                                                                                                                                         | 4   |
| HC 431H                                         | Honors College Social Science Colloquium: [Topic] (w/approval of NAIS director/adviser)                                                                                                          | 4   |
| HC 444H                                         | HC US: Difference, Inequality, Agency Colloquium: [Topic] (Race and Ethnicity in the American West; North Paiute History; Search for Cayuse Five; Others w/ permission of NAIS director/adviser) | 4   |
| HIST 211                                        | Reacting to the Past (w/approval of NAIS director/adviser)                                                                                                                                       | 4   |
| HIST 399                                        | Special Studies: [Topic] (Pacific Northwest Indians; Others w/approval of NAIS director/adviser)                                                                                                 | 4   |
| HIST 407                                        | Seminar: [Topic] (Indian Nations in the United States; Others w/permission of NAIS director/adviser)                                                                                             | 5   |
| HIST 468                                        | The Pacific Northwest (Native American/ Indigenous Focus)                                                                                                                                        | 4   |
| HIST 469                                        | American Indian History: [Topic]                                                                                                                                                                 | 4   |
| HIST 473                                        | American Environmental History: [Topic] (Indigenous Environmental History)                                                                                                                       | 4   |
| HIST 482                                        |                                                                                                                                                                                                  | 4   |
| HIST 483                                        | Latin America: [Topic] (Indigenous Peoples of Latin America)                                                                                                                                     | 4   |
| PS 390                                          | American Indian Politics                                                                                                                                                                         | 4   |
| WGS 251                                         | Transnational and Indigenous Feminisms                                                                                                                                                           | 4   |
| <b>Group 3: Literature, Media, and the Arts</b> |                                                                                                                                                                                                  |     |
| ANTH 410                                        | Experimental Course: [Topic] (Native Americans in Film)                                                                                                                                          | 1-5 |
| ENG 244                                         | Introduction to Native American Literature                                                                                                                                                       | 4   |

|          |                                                                             |   |
|----------|-----------------------------------------------------------------------------|---|
| ENG 315  | Women Writers' Cultures: [Topic] (Native American/Indigenous Focus)         | 4 |
| ENG 316  | Women Writers' Forms: [Topic] (Native American/Indigenous Focus)            | 4 |
| ENG 361  | Native American Writers                                                     | 4 |
| ENG 381M | Film, Media, and Culture (Native American/Indigenous Focus)                 | 4 |
| ENG 468  | Ethnic Literature: [Topic] (Native American/Indigenous Focus)               | 4 |
| ENG 469  | Literature and the Environment: [Topic] (Native American/Indigenous Focus)  | 4 |
| ENG 479  | Major Authors: [Topic] (Native American/Indigenous Writers)                 | 4 |
| ENG 485  | Television Studies (Native American/Indigenous Focus)                       | 4 |
| ENG 488  | Race and Representation in Film: [Topic] (Native American/Indigenous Focus) | 4 |
| ES 370   | Race, Ethnicity, and Cinema: [Topic] (Native Americans and Film)            | 4 |
| J 412    | Issues in Communication Studies: [Topic] (Indigenous Peoples & the Media)   | 4 |
| TA 472   | Multicultural Theater: [Topic] (Native American Theater)                    | 4 |

## Ethnic Studies Minor

The Indigenous, Race, and Ethnic Studies Department offers an interdisciplinary undergraduate minor, constructed in consultation with an Indigenous, Race, and Ethnic Studies faculty adviser.

### Minor in Ethnic Studies

| Code                                                      | Title                          | Credits   |
|-----------------------------------------------------------|--------------------------------|-----------|
| <b>Lower Division</b>                                     |                                |           |
| ES 101                                                    | Introduction to Ethnic Studies | 4         |
| Two 200-level courses with ES subject code                |                                | 8         |
| <b>Upper Division</b>                                     |                                |           |
| Four approved courses, including two with ES subject code |                                | 16        |
| <b>Total Credits</b>                                      |                                | <b>28</b> |

Upper-division courses must be taken in residence at the University of Oregon. The minor program must be planned in consultation with an ethnic studies advisor at least two terms before graduation. Courses applied to the minor must be taken for letter grades and passed with grades of mid-C or better. Students minoring in ethnic studies may apply credits in Research: [Topic] (ES 401) and Reading and Conference: [Topic] (ES 405) only if completed with letter grades of mid-C or better. Credits in Practicum: [Topic] (ES 406) may be applied toward the minor on a graded or pass/no pass basis.

## Latinx Studies Minor

**Audrey Lucero, Director**  
 126C Lokey Education Bldg  
 5277 University of Oregon  
 Eugene, OR 97403-5277  
 541-346-8069  
 alucero@uoregon.edu

The minor in Latinx studies introduces students to the diverse perspectives, histories, and contemporary experiences of Latinx communities in the US and Latin America. The minor is interdisciplinary, meaning that students will take courses from a variety of different fields within the humanities, social sciences, and professional schools. For example, students can choose to take courses in literature, history, the arts, environmental studies, or journalism, to name a few.

Students can also delve deeper into specialized Spanish language courses, especially those that focus on the contexts in which Spanish is spoken and the social and political implications of being a Spanish-speaker in the US.

### Minor in Latinx Studies

The Latinx Studies Minor will require a broad introduction to the study of race and ethnicity in the United States as well as a focused introduction to the study of Latinx peoples in the United States.

| Code                                   | Title                                                    | Credits |
|----------------------------------------|----------------------------------------------------------|---------|
| ES 101                                 | Introduction to Ethnic Studies                           | 4       |
| At least one of the following courses: |                                                          |         |
| ENG 243                                | Introduction to Chicano and Latino Literature            |         |
| ES 254                                 | Introduction to Chicanx and Latinx Studies               |         |
| HIST 248                               | Latinos in the Americas                                  |         |
| SPAN 218                               | Latino Heritage I                                        |         |
| SPAN 228                               | Latino Heritage II                                       |         |
| UGST 111                               | Academic Residential Community—Arts and Letters: [Topic] |         |

At least one qualifying course from any of the following humanities subjects: <sup>1</sup>

|          |                                                         |
|----------|---------------------------------------------------------|
| ENG 243  | Introduction to Chicano and Latino Literature           |
| ENG 363  | Chicano and Latino Writers                              |
| LING 297 | Introduction to Bilingualism                            |
| SPAN 218 | Latino Heritage I                                       |
| SPAN 228 | Latino Heritage II                                      |
| SPAN 448 | National Identities and Border Cultures in the Americas |
| SPAN 308 | Cultura y lengua: comunidades bilingües                 |
| SPAN 312 | Spanish in the Media                                    |
| SPAN 348 | United States Latino Literature and Culture             |
| SPAN 428 | Spanish in the United States                            |
| SPAN 448 | National Identities and Border Cultures in the Americas |
| TA 472   | Multicultural Theater: [Topic]                          |

At least one qualifying course from any of the following professional subjects: <sup>1</sup>

|          |                                                |
|----------|------------------------------------------------|
| EDST 457 | Immigration, Diaspora and Education            |
| J 427M   | Latino Roots I                                 |
| J 428M   | Latino Roots II                                |
| J 467    | Issues in International Communication: [Topic] |
| MUS 349  |                                                |
| MUS 359  | Music of the Americas                          |
| MUS 365  | Regional Ethnomusicology: [Topic]              |

At least one qualifying course from any of the following social science subjects:

|                                |                                                |
|--------------------------------|------------------------------------------------|
| ANTH 329                       | Immigration and Farmworkers                    |
| ANTH 427M                      | Latino Roots I                                 |
| ANTH 428M                      | Latino Roots II                                |
| ES 254                         | Introduction to Chicanx and Latinx Studies     |
| ES 442                         | Caribbean Literature and Politics              |
| ES 354                         | Environmental Racism                           |
| ES 370                         | Race, Ethnicity, and Cinema: [Topic]           |
| ES 380                         | Race, Migration, and Rights                    |
| ES 440                         | Race, Literature, and Culture: [Topic]         |
| ES 452                         | Race and Ethnicity and the Law: [Topic]        |
| ES 460                         | Race, Culture, Empire: [Topic]                 |
| HIST 248                       | Latinos in the Americas                        |
| SOC 445                        | Sociology of Race and Ethnicity: [Topic]       |
| WGS 250                        | Gender, Literature, and Culture                |
| WGS 261                        | Gender and Popular Culture                     |
| WGS 321                        | Feminist Perspectives: Identity, Race, Culture |
| WGS 350                        | Literature as Feminist Theory                  |
| Total Credits: <sup>2</sup> 24 |                                                |

<sup>1</sup> Some topics courses might also apply. See <https://ethnicstudies.uoregon.edu/> for details.

<sup>2</sup> The final 4 credits may be selected from any of the above lists or from other qualifying courses approved each year based on approval by the Latinx Studies Coordinating Committee. Qualifying courses will have at least two-thirds content covering Latinx peoples in the United States.

At least 16 credits must be completed for a letter grade and passed with a mid-C or better to count toward the minor. Coursework must include 12 upper-division credits and must represent a range of disciplinary and professional approaches to the subject of Latinx Studies. All 12 upper-division credits must be taken in residence.

## Native American and Indigenous Studies Minor

The Native American and Indigenous Studies minor compliments numerous other fields of study and provides access to ways of knowing and living that are part of the heritage and future of this state, and this nation.

### Native American and Indigenous Studies

Students may earn an undergraduate minor in Native American and Indigenous Studies (NAIS) housed in the Department of Indigenous, Race, and Ethnic Studies (IRES).

The primary goal of the NAIS minor is to provide students extensive grounding in Indigenous history and culture as well as nuanced understandings of tribal sovereignty, Indigenous nationhood, and the diversity and beauty of contemporary Indigenous identities, lives, and experiences across the Americas and throughout the Pacific. A secondary goal of the program is to encourage student awareness of the ethnic and cultural dimensions and applications of other major fields of study. Students of literature, social sciences, education, urban planning,

arts, humanities, law, and international studies—to name only a few—find that related Native American and Indigenous Studies courses greatly enrich their academic programs. This foundation prepares students for diverse career paths including tribal political leadership, education and administration, social services/social work, language revitalization and instruction, environmental policy, natural/cultural resources management, law, cultural heritage preservation, the arts, journalism and new media, and community/economic development.

Courses applied to a minor in Native American and Indigenous studies may be used to satisfy major or minor requirements for other programs.

Specific details and course approvals must be obtained from the Native American and Indigenous Studies program director/adviser ([nastudies@uoregon.edu](mailto:nastudies@uoregon.edu)).

### Requirements for the Minor

The Native American and Indigenous Studies minor requires 28 credits. At least 16 credits must be taken in residence at the University of Oregon. Up to 4 credits may be counted toward the minor from a list of related courses that fall outside the core of Native American studies but that focus on other issues closely related to the field. Courses must be taken for a grade, and grades must be mid-C or higher to count toward the minor. The course load is distributed as follows:

| Code                                                                                      | Title                                   | Credits   |
|-------------------------------------------------------------------------------------------|-----------------------------------------|-----------|
| ES 256                                                                                    | Introduction to Native American Studies | 4         |
| <b>Additional Courses</b>                                                                 |                                         | <b>24</b> |
| 16 credits must be in upper-division courses                                              |                                         |           |
| At least 4 credits focusing on Oregon Indians                                             |                                         |           |
| At least 4 credits in each of three distribution groups <sup>1</sup>                      |                                         |           |
| Up to 4 credits may be taken from a list of related courses approved by a program advisor |                                         |           |
| <b>Total Credits</b>                                                                      |                                         | <b>28</b> |

<sup>1</sup> Distribution groups: 1) culture, language, and education; 2) law, policy, governance, and history; 3) literature, media, and the arts.

### Distribution Groups

| Code                                             | Title                                                             | Credits |
|--------------------------------------------------|-------------------------------------------------------------------|---------|
| <b>Group 1: Culture, Language, and Education</b> |                                                                   |         |
| ANTH 248                                         | Archaeology of Wild Foods                                         | 4       |
| ANTH 320                                         | Native North Americans                                            | 4       |
| ANTH 434                                         | Native South Americans                                            | 4       |
| ANTH 442                                         | Northwest Coast Archaeology                                       | 4       |
| ANTH 443                                         | North American Archaeology                                        | 4       |
| ANTH 438                                         | Race and Gender in Latin America                                  | 4       |
| EDST 410                                         | Experimental Course: [Topic] (Indigenous Principles of Education) | 1-5     |
| EDST 456                                         | Decolonization and Education                                      | 4       |
| ES 196                                           | Field Studies: [Topic] (w/approval of NAIS director/adviser)      | 1-5     |
| ES 199                                           | Special Studies: [Topic]                                          | 1-5     |
| ES 404                                           | Internship: [Topic] (w/approval of NAIS director/adviser)         | 1-12    |
| ES 406                                           | Practicum: [Topic]                                                | 1-12    |
| ICH 101                                          | First-Year Ichishki'in                                            | 5       |



|                                                      |                                                                                                                                                                                                  |     |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| ICH 102                                              | First-Year Ichishki'in                                                                                                                                                                           | 5   |
| ICH 103                                              | First-Year Ichishki'in                                                                                                                                                                           | 5   |
| ICH 201                                              | Second-Year Ichishki'in                                                                                                                                                                          | 5   |
| ICH 202                                              | Second-Year Ichishki'in                                                                                                                                                                          | 5   |
| ICH 203                                              | Second-Year Ichishki'in                                                                                                                                                                          | 5   |
| LING 399                                             | Special Studies: [Topic] (Indigenous Languages of Oregon)                                                                                                                                        | 1-5 |
| LT 199                                               | Special Studies: [Topic] (Sahaptin Language; Tolowa and Lushootseed Language; Other Indigenous Language)                                                                                         | 1-5 |
| PHIL 451                                             | Native American Philosophy                                                                                                                                                                       | 4   |
| <b>Group 2: Law, Policy, Governance, and History</b> |                                                                                                                                                                                                  |     |
| ENVS 411                                             | Environmental Issues: [Topic] (Climate Change and Indigenous Peoples)                                                                                                                            | 4   |
| ENVS 435                                             | Environmental Justice                                                                                                                                                                            | 4   |
| ES 258                                               | Introduction to Pacific Islander Studies                                                                                                                                                         | 4   |
| ES 321                                               | Indigenous Peoples of Oregon                                                                                                                                                                     | 4   |
| ES 350                                               | Native Americans and the Environment                                                                                                                                                             | 4   |
| ES 456                                               | History of Native American Education                                                                                                                                                             | 4   |
| ES 464                                               | Relational Studies of Indigeneity, Race and Culture: [Topic] (Black-Indian Relations; Latinx-Indigenous Relations)                                                                               | 4   |
| ES 466                                               | Native American Ethnohistory                                                                                                                                                                     | 4   |
| ES 468                                               | Indigenous Research Methods and Ethics                                                                                                                                                           | 4   |
| ES 470                                               | Native American and Indigenous Feminisms                                                                                                                                                         | 4   |
| HC 431H                                              | Honors College Social Science Colloquium: [Topic] (w/approval of NAIS director/adviser)                                                                                                          | 4   |
| HC 444H                                              | HC US: Difference, Inequality, Agency Colloquium: [Topic] (Race and Ethnicity in the American West; North Paiute History; Search for Cayuse Five; Others w/ permission of NAIS director/adviser) | 4   |
| HIST 211                                             | Reacting to the Past (w/approval of NAIS director/adviser)                                                                                                                                       | 4   |
| HIST 399                                             | Special Studies: [Topic] (Pacific Northwest Indians; Others w/approval of NAIS director/adviser)                                                                                                 | 4   |
| HIST 407                                             | Seminar: [Topic] (Indian Nations in the United States; Others w/approval of NAIS director/adviser)                                                                                               | 5   |
| HIST 468                                             | The Pacific Northwest (Native American/ Indigenous Focus)                                                                                                                                        | 4   |
| HIST 469                                             | American Indian History: [Topic]                                                                                                                                                                 | 4   |
| HIST 473                                             | American Environmental History: [Topic] (Indigenous Environmental History)                                                                                                                       | 4   |
| HIST 482                                             |                                                                                                                                                                                                  | 4   |
| HIST 483                                             | Latin America: [Topic] (Indigenous Peoples of Latin America)                                                                                                                                     | 4   |
| PS 390                                               | American Indian Politics                                                                                                                                                                         | 4   |
| WGS 251                                              | Transnational and Indigenous Feminisms                                                                                                                                                           | 4   |
| <b>Group 3: Literature, Media, and the Arts</b>      |                                                                                                                                                                                                  |     |
| ANTH 410                                             | Experimental Course: [Topic] (Native Americans in Film)                                                                                                                                          | 1-5 |
| ENG 244                                              | Introduction to Native American Literature                                                                                                                                                       | 4   |

|          |                                                                             |   |
|----------|-----------------------------------------------------------------------------|---|
| ENG 315  | Women Writers' Cultures: [Topic] (Native American/Indigenous Focus)         | 4 |
| ENG 316  | Women Writers' Forms: [Topic] (Native American/Indigenous Focus)            | 4 |
| ENG 361  | Native American Writers                                                     | 4 |
| ENG 381M | Film, Media, and Culture (Native American/ Indigenous Focus)                | 4 |
| ENG 468  | Ethnic Literature: [Topic] (Native American/ Indigenous Focus)              | 4 |
| ENG 469  | Literature and the Environment: [Topic] (Native American/Indigenous Focus)  | 4 |
| ENG 479  | Major Authors: [Topic] (Native American/ Indigenous Writers)                | 4 |
| ENG 485  | Television Studies (Native American/ Indigenous Focus)                      | 4 |
| ENG 488  | Race and Representation in Film: [Topic] (Native American/Indigenous Focus) | 4 |
| ES 370   | Race, Ethnicity, and Cinema: [Topic] (Native Americans and Film)            | 4 |
| J 412    | Issues in Communication Studies: [Topic] (Indigenous Peoples & the Media)   | 4 |
| TA 472   | Multicultural Theater: [Topic] (Native American Theater)                    | 4 |

| Code                   | Title                                 | Credits  |
|------------------------|---------------------------------------|----------|
| <b>Related Courses</b> |                                       | <b>4</b> |
| ANTH 344               | Oregon Archaeology (Group 1)          |          |
| ANTH 343               | Pacific Islands Archaeology           |          |
| ANTH 434               | Native South Americans (Group 1)      |          |
| ANTH 438               | Race and Gender in Latin America      |          |
| ANTH 442               | Northwest Coast Archaeology (Group 1) |          |
| ANTH 443               | North American Archaeology (Group 1)  |          |
| ANTH 456               | Peopling of the Americas              |          |
| HIST 482               | (Group 2)                             |          |

## Indigenous, Race, and Ethnic Studies (PhD)

Graduate students in the Department of Indigenous, Race, and Ethnic Studies join a diverse and dynamic community of scholars dedicated to pursuing transformative knowledge through original research and community engagement. We train scholars in transdisciplinary, intersectional, and creative scholarship. Students receive a comprehensive course of study grounded in the lives of Indigenous communities and people of color.

Graduate students work closely with faculty mentors to customize a program of study that enables a comprehensive breadth and depth within core fields of ethnic studies, and that prepares students for their post-PhD careers. Doctoral areas of specialization include: Women of Color and Indigenous feminisms, queer race studies, Latinx and Chicanx studies, media and sports studies, literary and cultural studies, carceral studies, Environmental justice, Indigenous and racial formations, comparative race relations, and social justice activism.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Assess and intervene in multiple bodies of scholarly literature, with attention to the critical interventions of Ethnic Studies research vis-a-vis knowledge produced through dominant academic paradigms and disciplines.
- Demonstrate mastery of their field’s chosen subject material. Specifically, they will be able to articulate, explain, and apply a comprehensive understanding of theoretical frameworks in Ethnic Studies to their field of expertise.
- Conceptualize and articulate robust and significant research questions and engage in original research for academic publication.
- Acquire the skills to assess undergraduate education, develop a pedagogical skill-set, and teach their own courses.
- Conduct research and scholarly or professional activities in an ethical manner. They will have the experience and relevant credentials (such as publications, teaching, experience, and/or advanced administrative skills) to teach and conduct research in an ethical manner at an institution of higher education and/or assume a leadership position in an organization within their field.

Indigenous, Race, and Ethnic Studies Major

| Code                            | Title                                              | Credits |
|---------------------------------|----------------------------------------------------|---------|
| ES Core Courses                 |                                                    |         |
| ES 614                          | Colloquium: Professional Development (Three terms) | 3       |
| ES 615                          |                                                    | 5       |
| ES 616                          |                                                    | 5       |
| ES 617                          | Genealogies of Ethnic Studies                      | 5       |
| Substantive Seminars            |                                                    |         |
| ES 620                          | Race, Space, and Power: [Topic]                    | 5       |
| ES 621                          | Cultural Production: [Topic]                       | 5       |
| ES 622                          | Resistance and Dissent: [Topic]                    | 5       |
| ES 623                          | Race, Gender and Sexuality Studies: [Topic]        | 5       |
| Primary Areas of Study Seminars |                                                    | 25      |
| Individual Research or Readings |                                                    | 15      |
| ES 601                          | Research: [Topic]                                  |         |
| ES 605                          | Reading and Conference: [Topic]                    |         |
| Dissertation                    |                                                    | 18      |
| ES 603                          | Dissertation                                       |         |
| Total Credits                   |                                                    | 96      |

Primary Areas of Study Seminars

| Code   | Title                                   | Credits |
|--------|-----------------------------------------|---------|
| ES 507 | Seminar: [Topic]                        |         |
| ES 510 | Experimental Course: [Topic]            |         |
| ES 540 | Race, Literature, and Culture: [Topic]  |         |
| ES 542 | Caribbean Literature and Politics       |         |
| ES 550 | Race and Incarceration                  |         |
| ES 552 | Race and Ethnicity and the Law: [Topic] |         |
| ES 556 | History of Native American Education    |         |
| ES 560 | Race, Culture, Empire: [Topic]          |         |

|        |                                                              |
|--------|--------------------------------------------------------------|
| ES 564 | Relational Studies of Indigeneity, Race and Culture: [Topic] |
| ES 565 | Feminist Theories of Race: [Topic]                           |
| ES 566 | Native American Ethnohistory                                 |
| ES 568 | Indigenous Research Methods and Ethics                       |
| ES 570 | Native American and Indigenous Feminisms                     |
| ES 601 | Research: [Topic]                                            |
| ES 603 | Dissertation                                                 |
| ES 604 | Internship: [Topic]                                          |
| ES 605 | Reading and Conference: [Topic]                              |
| ES 607 | Seminar: [Topic]                                             |
| ES 610 | Experimental Course: [Topic]                                 |
| ES 620 | Race, Space, and Power: [Topic]                              |
| ES 621 | Cultural Production: [Topic]                                 |
| ES 622 | Resistance and Dissent: [Topic]                              |
| ES 623 | Race, Gender and Sexuality Studies: [Topic]                  |

Additional Requirements

- Qualifying Exams and Advancing to Candidacy
- Completion of Qualifying Exams by end of the third year (One field paper, one specialized area plus syllabus, and preliminary dissertation prospectus)
- Dissertation
- Final dissertation prospectus defense by Spring quarter of the third year
- Dissertation years 4 and 5
- Successful dissertation defense
- Completion and filing the degree in year 5

Students who have earned a Master’s degree from another program must consult the Director of Graduate Studies to assess the course work that will transfer towards earning the PhD.

Indigenous, Race, and Ethnic Studies Graduate Certificate

Graduate students from any UO department may apply for admission and add the certificate to their degree programs.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Gain an understanding of many of the central theoretical debates in the discipline of ethnic studies and be able to bring theoretical knowledge to bear on their areas of study.
- Critically engage a breadth of topics across different fields within Ethnic Studies, such as: Indigeneity, Queer Race Studies, Social Policy, Environmental Justice, Media and Popular Culture, Immigration and Migration studies, Carceral Studies, Social Justice and Resistance.
- Critically engage in-depth debates within particular fields or areas in ethnic studies.
- Craft persuasive arguments supported by interdisciplinary and intersectional resources in Indigenous, Race, and Ethnic Studies.

## Graduate Certificate in Indigenous, Race, and Ethnic Studies

The graduate certificate in Indigenous, Race, and Ethnic Studies provides graduate students across campus the opportunity to enroll in a concentrated program of study centered on race, indigeneity, and intersectionality. The certificate provides a foundational curriculum as well as a specialized focus in areas aligned with students' interests.

| Code                                       | Title                                       | Credits   |
|--------------------------------------------|---------------------------------------------|-----------|
| <b>One IRES Core Course:</b>               |                                             | <b>5</b>  |
| ES 615                                     |                                             |           |
| ES 616                                     |                                             |           |
| ES 617                                     | Genealogies of Ethnic Studies               |           |
| <b>One Substantive IRES Topics Course:</b> |                                             | <b>5</b>  |
| ES 620                                     | Race, Space, and Power: [Topic]             |           |
| ES 621                                     | Cultural Production: [Topic]                |           |
| ES 622                                     | Resistance and Dissent: [Topic]             |           |
| ES 623                                     | Race, Gender and Sexuality Studies: [Topic] |           |
| <b>Four Graduate-Level ES Electives:</b>   |                                             | <b>16</b> |
| ES 507                                     | Seminar: [Topic]                            |           |
| ES 510                                     | Experimental Course: [Topic]                |           |
| ES 540                                     | Race, Literature, and Culture: [Topic]      |           |
| ES 542                                     | Caribbean Literature and Politics           |           |
| ES 550                                     | Race and Incarceration                      |           |
| ES 552                                     | Race and Ethnicity and the Law: [Topic]     |           |
| ES 556                                     | History of Native American Education        |           |
| ES 560                                     | Race, Culture, Empire: [Topic]              |           |
| ES 607                                     | Seminar: [Topic]                            |           |
| ES 610                                     | Experimental Course: [Topic]                |           |
| <b>Total Credits</b>                       |                                             | <b>26</b> |

Graduate students will develop their curriculum plans with the IRES Director of Graduate Studies to best complement individual needs and goals for their graduate studies. Courses not taught by our graduate faculty may be approved by the Director of Graduate Studies.

To Apply:

Students should email the Director of Graduate Studies at [iresgradstudies@uoregon.edu](mailto:iresgradstudies@uoregon.edu) to apply for the graduate certificate, more information and forms can be found on our graduate certificate website (<https://ethnicstudies.uoregon.edu/graduate-certificate/>).

## Latin American Studies

### Phil Scher, Program Director

114 Friendly Hall  
541-346-9780  
[pscher@uoregon.edu](mailto:pscher@uoregon.edu)

The University of Oregon offers a bachelor of arts degree in Latin American studies. A minor in Latin American studies is also available. An emphasis on Latin America is available for master of arts (MA) degrees with majors in anthropology, history, global studies, and Spanish. See the Anthropology ([https://catalog.uoregon.edu/arts\\_sciences/anthropology/](https://catalog.uoregon.edu/arts_sciences/anthropology/)), History ([https://catalog.uoregon.edu/arts\\_sciences/](https://catalog.uoregon.edu/arts_sciences/))

history/), **Global Studies** ([https://catalog.uoregon.edu/arts\\_sciences/internationalstudies/](https://catalog.uoregon.edu/arts_sciences/internationalstudies/)), and **Romance Languages** sections of this catalog.

## Study Abroad

Students in University of Oregon overseas study programs enroll in courses with subject codes that are unique to individual programs. Special course numbers are reserved for overseas study. See the Study Abroad (<https://catalog.uoregon.edu/supplementaryprograms/abroad/>) section in the **Supplementary Academic Programming** section of this catalog.

## Participating Faculty

Michael B. Aguilera, sociology

Carlos Aguirre, history

Monique Balbuena, honors college

Erin Beck, political science

Mark Carey, honors college

Christopher Chavez, journalism and communication

Alexandre Dossin, music

Michael Dreiling, sociology

Stephen Dueppen, anthropology

Cecilia Enjuto Rangel, Romance languages

Dennis Galvan, global studies

Pedro García-Caro, Romance languages

Spike Gildea, linguistics

Amalia Gladhart, Romance languages

Derrick Hindery, global studies

Craig Kauffman, political science

Ana M. Lara, anthropology

Kathryn A. Lynch, environmental studies

Galen Martin, international studies

Gabriela Martinez, journalism and communication

Michelle McKinley, law

Lanie Millar, Romance languages

Juan-Carlos Molleda, journalism and communication

Edward Olivos, education studies

Priscilla P. Ovalle, English

Doris Payne, linguistics

Gerardo Sandoval, planning, public policy and management

Philip W. Scher, anthropology

Lynn Stephen, anthropology

Analisa Taylor, Romance languages

Alejandro Vallega, philosophy

Jessica Vasquez-Tokos, sociology

Julie Weise, history

Juan Wolf, music

Kristin Yarris, global studies

Reuben Zahler, history

Emeriti

Linda O. Fuller, women’s and gender studies

Leonardo García-Pabón, Romance languages

Linda Kintz, English

Undergraduate Programs

Major - Bachelor's Degree

- Latin American Studies (BA) (p. 396)

Minor

- Latin American Studies (p. 398)

Latin American Studies (BA)

Investigate why Frida Kahlo’s paintings are so enduringly popular. Dive into the world of Latin American soccer. Separate fact from fiction in the biography of Ernesto “Che” Guevara. Sample popular dishes in countries across Latin America. The Latin American Studies Program offers an in-depth look at the richness and diversity of a vast area and its people. Whether pre–Columbian art, the striking wonder of the Amazon rainforest, or the history of colonialism tugs at your heartstrings, you’ll be forever changed by your newfound knowledge.

Take advantage of study abroad (<https://geo.uoregon.edu/>) programs where you’ll travel to Costa Rica, Ecuador, Mexico, or other exciting places to sharpen your language skills and become familiar with new cultures. In Eugene, you can volunteer for a variety of organizations such as Centro Latino Americano (<https://centrolatinoamericano.org/>), a local bilingual multicultural agency dedicated to helping the Latino community. UO students have also worked with the local school districts to mentor youth. Others have volunteered at Siempre Amigos, which provides health services to survivors of torture and political violence.

You’ll delve into politics, literature, science, ecology, and other engaging topics in courses such as Caribbean Migrants in the Literary Imagination or The Cold War in Latin America. Learn from top-notch scholars who offer encouragement in a supportive atmosphere. “We cannot understand the United States without understanding its relationship to Latin America,” says Professor **Carlos Aguirre**. “Latin American people and culture have been misrepresented and there are preconceptions and stereotypes that we need to help overcome.”

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate a broad knowledge and understanding of the region’s geography, history, politics, gender and sexuality issues, cultures, environment, economics, and artistic and literary trends.
- Show Spanish or Portuguese reading and writing proficiency that allows them to clearly communicate and function in at least one of those languages.
- Analyze and offer interpretations of Latin America’s many contributions to world cultures as well as the causes and effects of specific problems facing the region’s peoples and nations within a comprehensive, interdisciplinary framework.
- Critically process different types of information about the region and its peoples and assess them using systematic forms of reasoning, such as contrasting data, consulting relevant bibliographies, databases, and sources, and constructing solid arguments.
- Carry out interdisciplinary research on a Latin American topic and present the results in a clear and coherent way.
- Effectively communicate in both spoken and written formats to a variety of audiences.

Latin American Studies Major Requirements

| Code                                                   | Title                                           | Credits |
|--------------------------------------------------------|-------------------------------------------------|---------|
| LAS 200                                                | Introduction to Latin American Studies          | 4       |
| or PS 330                                              | Governments and Politics in Latin America       |         |
| LAS 211                                                | Latin American Humanities: [Topic]              | 4       |
| or PHIL 342                                            | Introduction to Latin American Philosophy       |         |
| One Required 400-Level Course                          |                                                 | 4       |
| LAS 407                                                | Seminar: [Topic]                                |         |
| or GLBL 446                                            | Development and Social Change in Latin America  |         |
| or SPAN 49                                             | 20th-Century Latin American Literature: [Topic] |         |
| Two courses chosen from the following:                 |                                                 | 8       |
| SPAN 342                                               | Hispanic Cultures through Literature II         |         |
| SPAN 343                                               | Hispanic Cultures through Literature III        |         |
| SPAN 344                                               | Hispanic Cultures through Literature IV         |         |
| Two courses chosen from the following:                 |                                                 | 8       |
| HIST 380                                               | Latin America                                   |         |
| HIST 381                                               | Latin America                                   |         |
| HIST 382                                               | Latin America, 1910 to the Present              |         |
| Elective courses related to Latin America <sup>1</sup> |                                                 | 20      |
| ANTH 329                                               | Immigration and Farmworkers                     |         |
| ANTH 427M                                              | Latino Roots I                                  |         |
| ANTH 428M                                              | Latino Roots II                                 |         |
| ANTH 434                                               | Native South Americans                          |         |
| ARH 211                                                | Survey of Latin American Arts                   |         |
| EDST 456                                               | Decolonization and Education                    |         |
| ENG 243                                                | Introduction to Chicano and Latino Literature   |         |
| ENG 363                                                | Chicano and Latino Writers                      |         |
| ENVS 467                                               | Sustainable Agriculture                         |         |
| ES 254                                                 | Introduction to Chicanx and Latinx Studies      |         |
| ES 380                                                 | Race, Migration, and Rights                     |         |
| ES 442                                                 | Caribbean Literature and Politics               |         |

|          |                                                         |
|----------|---------------------------------------------------------|
| GLBL 420 | Global Community Development                            |
| GLBL 465 | Global Reproductive Health                              |
| GLBL 467 | Global Mental Health                                    |
| HIST 106 | World History                                           |
| HIST 248 | Latinos in the Americas                                 |
| HIST 363 | American Business History                               |
| HIST 380 | Latin America                                           |
| HIST 381 | Latin America                                           |
| HIST 382 | Latin America, 1910 to the Present                      |
| HIST 383 | Soccer and Society in Latin America                     |
| HIST 482 |                                                         |
| HIST 483 | Latin America: [Topic]                                  |
| J 427M   | Latino Roots I                                          |
| J 428M   | Latino Roots II                                         |
| MUS 359  | Music of the Americas                                   |
| PHIL 342 | Introduction to Latin American Philosophy               |
| PS 297   | Introduction to Environmental Politics                  |
| PS 330   | Governments and Politics in Latin America               |
| SPAN 218 | Latino Heritage I                                       |
| SPAN 228 | Latino Heritage II                                      |
| SPAN 301 | Cultura y Lengua: Identidades Hispanas                  |
| SPAN 308 | Cultura y lengua: comunidades bilingües                 |
| SPAN 324 | Spanish Pronunciation and Phonetics                     |
| SPAN 341 | Hispanic Cultures through Literature I                  |
| SPAN 348 | United States Latino Literature and Culture             |
| SPAN 350 | Introduction to Poetry                                  |
| SPAN 351 | Introduction to Theater                                 |
| SPAN 353 | Introduction to Narrative                               |
| SPAN 355 | Creative Writing in Spanish                             |
| SPAN 424 | History of the Spanish Language                         |
| SPAN 425 | Literary Translation                                    |
| SPAN 428 | Spanish in the United States                            |
| SPAN 448 | National Identities and Border Cultures in the Americas |
| SPAN 480 | 19th-Century Spanish American Literature: [Topic]       |
| SPAN 490 | 20th-Century Latin American Literature: [Topic]         |

**Total Credits** 48

<sup>1</sup> Students may confer with a program advisor to determine other applicable courses not listed here. Check for courses with Latin American Studies (LAS) themes listed in the Schedule of Classes each term; courses listed under LAS count toward the major or minor. In addition, students may petition the director of the major or minor for the inclusion of other applicable LAS-related courses that have at least 50 percent Latin American Studies-related content.

## Additional Requirements

Of the total 48 credits required for the Latin American studies major—

- 40 credits must be taken for a letter grade and passed with a grade of C- or better (8 credits may be taken pass/no pass)
- 36 credits must be upper-division (200 or 400-level)

- 28 credits must be taken at the University of Oregon's campus in Eugene, OR
- **Limit on Multiple Department Credits:** No more than 16 credits (or four courses) from any single department can count toward the major
- **Limit on LAS Credits Focused on United States Topics:** No more than 16 credits in courses related to United States Latino studies or US Hispanic culture or society can count toward the major.
- **Social Science Credits Required:** 8 of the 48 credits must be from the following Social Science units: ANTH, EC, ENVS, ES, EURO, GEOG, GLBL, PS, SOC, WGS.
- **Limit on Individualized Study Credits:** 8 credits maximum may be independent study or internship credit.
- **Allowances for Study Abroad and Study Away (i.e., Escuela Helvetia) Credits:** 8 credits may be earned through successful completion of pre-approved courses in a study abroad program at an accredited Latin American college or university, a faculty-led field school; transfer credits from universities outside Latin America are considered individually, following existing procedures in appropriate departments for determining their equivalence to UO courses.

## Language Requirements

In addition to the minimum of 48 credits in required and elective courses, all majors are required to demonstrate a third-year level of proficiency in Spanish, Portuguese, or an Indigenous language from our area of study. This will entail completing (with a grade of C– or better or P) the basic two years of college-level language courses and taking at least four 300-level courses taught in the respective foreign language—such as Cultura y Lengua: Identidades Hispanas (SPAN 301), Cultura y lengua: expresiones artísticas (SPAN 303), Cultura y lengua: cambios sociales (SPAN 305), Hispanic Cultures through Literature III (SPAN 343), or Hispanic Cultures through Literature IV (SPAN 344).

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Its purpose is to provide an example of one possible route through the Latin American studies major.*

*This degree plan is for general planning purposes only and, due to the interdisciplinary nature of the major, it is imperative that students speak with advisors to determine which courses would best match their personal, professional, and academic goals.*

## Bachelor of Arts in Latin American Studies

| Course                               | Title                                  | Credits        | Milestones |
|--------------------------------------|----------------------------------------|----------------|------------|
| <b>First Year</b>                    |                                        |                |            |
| <b>Fall</b>                          |                                        |                |            |
| SPAN 101                             | First-Year Spanish                     | 5              |            |
| WR 121Z                              | Composition I                          | 4              |            |
| LAS 200                              | Introduction to Latin American Studies | 4              |            |
| General-education course in science  |                                        | 4              |            |
|                                      |                                        | <b>Credits</b> | <b>17</b>  |
| <b>Winter</b>                        |                                        |                |            |
| SPAN 102                             | First-Year Spanish                     | 5              |            |
| WR 122Z                              | Composition II                         | 4              |            |
| or WR 123 or College Composition III |                                        |                |            |
| LAS 211                              | Latin American Humanities: [Topic]     | 4              |            |



|                                              |                    |           |
|----------------------------------------------|--------------------|-----------|
| General-education course in social science   |                    | 4         |
| <b>Credits</b>                               |                    | <b>17</b> |
| <b>Spring</b>                                |                    |           |
| SPAN 103                                     | First-Year Spanish | 5         |
| HIST 380                                     | Latin America      | 4         |
| General-education course in arts and letters |                    | 4         |
| General-education course in social science   |                    | 4         |
| <b>Credits</b>                               |                    | <b>17</b> |
| <b>Total Credits</b>                         |                    | <b>51</b> |

| Course                                                 | Title                                        | Credits   | Milestones |
|--------------------------------------------------------|----------------------------------------------|-----------|------------|
| <b>Second Year</b>                                     |                                              |           |            |
| <b>Fall</b>                                            |                                              |           |            |
| SPAN 201                                               | Second-Year Spanish                          | 4         |            |
| GLBL 280                                               | Global Environmental Issues and Alternatives | 4         |            |
| General-education course in science                    |                                              | 4         |            |
| General-education, non-Spanish arts and letters course |                                              | 4         |            |
| <b>Credits</b>                                         |                                              | <b>16</b> |            |
| <b>Winter</b>                                          |                                              |           |            |
| SPAN 202                                               | Second-Year Spanish                          | 4         |            |
| General-education course in social science             |                                              | 4         |            |
| Elective course                                        |                                              | 4         |            |
| <b>Credits</b>                                         |                                              | <b>12</b> |            |
| <b>Spring</b>                                          |                                              |           |            |
| SPAN 203                                               | Second-Year Spanish                          | 4         |            |
| HIST 381                                               | Latin America                                | 4         |            |
| General-education course in arts and letters           |                                              | 4         |            |
| Elective course                                        |                                              | 4         |            |
| <b>Credits</b>                                         |                                              | <b>16</b> |            |
| <b>Total Credits</b>                                   |                                              | <b>44</b> |            |

| Course                                       | Title                                          | Credits   | Milestones |
|----------------------------------------------|------------------------------------------------|-----------|------------|
| <b>Third Year</b>                            |                                                |           |            |
| <b>Fall</b>                                  |                                                |           |            |
| SPAN 301                                     | Cultura y Lengua: Identidades Hispanas         | 4         |            |
| SPAN 312                                     | Spanish in the Media                           | 4         |            |
| LAS 407                                      | Seminar: [Topic]                               | 4         |            |
| General-education course in arts and letters |                                                | 4         |            |
| <b>Credits</b>                               |                                                | <b>16</b> |            |
| <b>Winter</b>                                |                                                |           |            |
| SPAN 305                                     | Cultura y lengua: cambios sociales             | 4         |            |
| SPAN 311                                     | Advanced Writing in Spanish                    | 4         |            |
| General-education course in science          |                                                | 4         |            |
| Elective course                              |                                                | 4         |            |
| <b>Credits</b>                               |                                                | <b>16</b> |            |
| <b>Spring</b>                                |                                                |           |            |
| GLBL 446                                     | Development and Social Change in Latin America | 4         |            |
| SPAN 303                                     | Cultura y lengua: expresiones artisticas       | 4         |            |
| General-education course in social science   |                                                | 4         |            |

|                      |  |           |
|----------------------|--|-----------|
| Elective course      |  | 4         |
| <b>Credits</b>       |  | <b>16</b> |
| <b>Total Credits</b> |  | <b>48</b> |

| Course                                                 | Title                                     | Credits   | Milestones |
|--------------------------------------------------------|-------------------------------------------|-----------|------------|
| <b>Fourth Year</b>                                     |                                           |           |            |
| <b>Fall</b>                                            |                                           |           |            |
| SPAN 344                                               | Hispanic Cultures through Literature IV   | 4         |            |
| General-education course in science                    |                                           | 4         |            |
| Elective courses                                       |                                           | 8         |            |
| <b>Credits</b>                                         |                                           | <b>16</b> |            |
| <b>Winter</b>                                          |                                           |           |            |
| SPAN 342                                               | Hispanic Cultures through Literature II   | 4         |            |
| General-education, non-Spanish arts and letters course |                                           | 4         |            |
| Elective courses                                       |                                           | 8         |            |
| <b>Credits</b>                                         |                                           | <b>16</b> |            |
| <b>Spring</b>                                          |                                           |           |            |
| PS 330                                                 | Governments and Politics in Latin America | 4         |            |
| Elective courses                                       |                                           | 8         |            |
| <b>Credits</b>                                         |                                           | <b>12</b> |            |
| <b>Total Credits</b>                                   |                                           | <b>44</b> |            |

Latin American Studies Minor

Latin American Studies provides a thorough grounding in the languages, history, geography, and some of the central cultural and socio-economic issues at stake in the region. The diversity of peoples, cultures, languages, and environments makes the study of Latin America an exciting intellectual adventure. Core courses in the minor are complemented by courses drawn from departments and programs such as Anthropology, Ethnic Studies, Philosophy, Geography, Romance Languages, History, Global Studies, and Environmental Studies. Advanced language study is a part of the program. Minors will pursue second-year proficiency in a related language.

Minor Requirements

| Code                             | Title                                           | Credits |
|----------------------------------|-------------------------------------------------|---------|
| One required introduction course |                                                 | 4       |
| LAS 200                          | Introduction to Latin American Studies          |         |
| or PS 330                        | Governments and Politics in Latin America       |         |
| One additional required course   |                                                 | 4       |
| LAS 211                          | Latin American Humanities: [Topic]              |         |
| or LAS 407                       | Seminar: [Topic]                                |         |
| or PHIL 342                      | Introduction to Latin American Philosophy       |         |
| or GLBL 446                      | Development and Social Change in Latin America  |         |
| or SPAN 49                       | 20th-Century Latin American Literature: [Topic] |         |
| Elective courses <sup>1</sup>    |                                                 | 20      |
| ANTH 329                         | Immigration and Farmworkers                     |         |
| ANTH 427M                        | Latino Roots I                                  |         |
| ANTH 428M                        | Latino Roots II                                 |         |
| ANTH 434                         | Native South Americans                          |         |
| ARH 211                          | Survey of Latin American Arts                   |         |

|          |                                                         |
|----------|---------------------------------------------------------|
| EDST 456 | Decolonization and Education                            |
| ENG 243  | Introduction to Chicano and Latino Literature           |
| ENG 363  | Chicano and Latino Writers                              |
| ENVS 467 | Sustainable Agriculture                                 |
| ES 254   | Introduction to Chicano and Latinx Studies              |
| ES 380   | Race, Migration, and Rights                             |
| ES 442   | Caribbean Literature and Politics                       |
| GLBL 420 | Global Community Development                            |
| GLBL 465 | Global Reproductive Health                              |
| GLBL 467 | Global Mental Health                                    |
| HIST 106 | World History                                           |
| HIST 248 | Latinos in the Americas                                 |
| HIST 363 | American Business History                               |
| HIST 380 | Latin America                                           |
| HIST 381 | Latin America                                           |
| HIST 382 | Latin America, 1910 to the Present                      |
| HIST 383 | Soccer and Society in Latin America                     |
| HIST 482 |                                                         |
| HIST 483 | Latin America: [Topic]                                  |
| J 427M   | Latino Roots I                                          |
| J 428M   | Latino Roots II                                         |
| MUS 359  | Music of the Americas                                   |
| PHIL 342 | Introduction to Latin American Philosophy               |
| PS 297   | Introduction to Environmental Politics                  |
| PS 330   | Governments and Politics in Latin America               |
| SPAN 218 | Latino Heritage I                                       |
| SPAN 228 | Latino Heritage II                                      |
| SPAN 301 | Cultura y Lengua: Identidades Hispanas                  |
| SPAN 308 | Cultura y lengua: comunidades bilingües                 |
| SPAN 324 | Spanish Pronunciation and Phonetics                     |
| SPAN 341 | Hispanic Cultures through Literature I                  |
| SPAN 348 | United States Latino Literature and Culture             |
| SPAN 350 | Introduction to Poetry                                  |
| SPAN 351 | Introduction to Theater                                 |
| SPAN 353 | Introduction to Narrative                               |
| SPAN 355 | Creative Writing in Spanish                             |
| SPAN 424 | History of the Spanish Language                         |
| SPAN 425 | Literary Translation                                    |
| SPAN 428 | Spanish in the United States                            |
| SPAN 448 | National Identities and Border Cultures in the Americas |
| SPAN 480 | 19th-Century Spanish American Literature: [Topic]       |
| SPAN 490 | 20th-Century Latin American Literature: [Topic]         |

Total Credits

28

- <sup>1</sup> Students may confer with a program advisor to determine other applicable courses not listed here. Check for courses with Latin American Studies (LAS) themes listed in the Schedule of Classes each term; courses listed under LAS count toward the major or minor. In addition, students may petition the director of the major or minor for the inclusion of other applicable LAS-related courses that have at least 50 percent Latin American Studies-related content.

## Language Requirements

Students must satisfactorily complete, with grades of C– or better or P, two years of college-level Spanish- or Portuguese-language courses. Language credits may be earned at the University of Oregon through an approved study abroad or study away program or transferred from another accredited college or university. As an alternative, students may satisfy the language requirement by examination, demonstrating a level of competence equivalent to two years of college-level Spanish or Portuguese. Students whose native language is either Spanish or Portuguese may substitute equivalent competence in English in lieu of this requirement.

## Additional Requirements

Of the total 28 credits for the Latin American studies minor—

- 20 credits must be taken for a letter grade and a passed with a grade of C- or better (8 credits may be taken pass/no pass)
- 20 credits must be in upper-division (300- or 400-level)
- 20 credits must be taken on campus at the University of Oregon or in a UO faculty-led study abroad or study away program
- **Limit on Multiple Department Credits:** No more than four departments, disciplines, or programs can count toward the minor.
- **Limit on Single Department Credits:** No more than 12 credits (or three courses) from any single department can count toward the minor.
- **Allowances for Study Abroad and Study Away Credits:** 8 credits may be earned through successful completion of pre-approved courses in a study abroad program at an accredited Latin American college or university or a study away program such as Escuela Helvetia; transfer credits from universities outside Latin America are considered individually, following existing procedures in appropriate departments for determining their equivalence to UO courses.
- **Allowances for Upper-Division Language Courses as Electives for the LAS Minor:** Spanish, Portuguese, or Indigenous language courses must be upper-division literature and culture courses to count toward completion of the 28-credit minor requirement.

## Middle East and North Africa Studies

Michael Allen, Program Director

114 Friendly Hall

541-346-9780

mena@uoregon.edu

Often referred to as the “cradle of civilization,” the Middle East and North Africa was of central importance in the development of agriculture, cities, mathematics, science, and western religious traditions. The Middle East and North Africa region is home to a broad diversity of peoples and

cultures as well as the first written language, monumental architecture, long-distance trade, and centralized state systems.

This minor is a broad examination of the Middle East and North Africa region. Students focus their study with a concentration in language, study abroad, or research. The minor is designed to offer flexibility to examine critical issues across the region and to focus on particular areas of interest. The minor requires a minimum of 24 credits and one of three concentrations: language study, study abroad, or research.

Participating Faculty

- Michael Allan, comparative literature
- Diane Baxter, anthropology
- Shaul Cohen, geography
- Rick Colby, religious studies
- Jane Cramer, political science
- Alex Dracobly, political science
- Stephen Dueppen, anthropology
- Hanan Elsherif, religious studies
- David Frank, honors college
- Deborah Green, Judaic studies
- David Hollenberg, religious studies
- Farhad Malekafzali, political science
- Michael Malek Najjar, theater arts
- Lindsey Mazurek, history
- Stephen Shoemaker, religious studies
- Priscilla Southwell, political science
- David Wacks, Romance languages

Minor in Middle East–North Africa Studies

Students must satisfactorily complete a minimum of 24 credits of course work. Courses applied toward the minor must be passed with a C– or better or P (pass). Of the 24 credits, a minimum of 20 must be graded. Students must take a minimum of 16 credits in residence. In addition, students must complete an area of concentration (language, study abroad, or research). Some credits toward the concentration may be used to satisfy the 24 credits of course work, as described below. Because not every course in the follow list of 'Requirements' will be offered regularly enough or at a time that fits each students' schedules, students are encouraged to contact the Program Director to discuss potential substitutions when such issues arise.

Requirements

| Code                         | Title                                         | Credits |
|------------------------------|-----------------------------------------------|---------|
| MENA 111                     | Media Coverage of the Middle East             | 4       |
| Choose one of the following: |                                               | 4       |
| GEOG 209                     | Geography of the Middle East and North Africa |         |
| GLBL 423                     | Development and the Muslim World              |         |

|                  |                                                      |    |
|------------------|------------------------------------------------------|----|
| PS 199           | Special Studies: [Topic] (Crisis in the Middle East) |    |
| COLT 231         | Literature and Society <sup>1</sup>                  |    |
| COLT 370         | Comparative Comics <sup>1</sup>                      |    |
| COLT 462         | Cultural Intersections: [Topic] <sup>1</sup>         |    |
| COLT 470         | Studies in Identity: [Topic] <sup>1</sup>            |    |
| Elective courses |                                                      | 16 |
| Total Credits    |                                                      | 24 |

<sup>1</sup> Taken as applicable and/or available.

**Electives.** Of the 16 required credits in elective courses, 8 must be drawn from social science courses and 8 must be drawn from humanities courses, as listed of below. Confer with a program advisor to determine other applicable courses not listed below. Check for courses with Middle East–North Africa (MENA) themes listed in the Schedule of Classes each term; courses listed under MENA count toward the minor. In addition, students may petition the director of the minor for the inclusion of other applicable MENA-related courses that have at least 50 percent Middle East–North Africa content.

A minimum of 12 credits must be in upper-division courses (300 or 400 level). No more than 8 elective credits from any one department may count toward the minor. Courses must be taken from a minimum of three departments.

*The social science and humanities elective course lists are not exhaustive, as new courses are added periodically. Other courses may count toward these requirements. See the program advisor and/or the Middle East–North Africa studies entry in the Schedule of Classes for up-to-date information.*

Social Science Electives

- ANTH 250: Introduction to Middle East Studies
- ANTH 342: Archaeology of Egypt and Near East
- ANTH 429: Jewish Folklore and Ethnology
- CRES 410: Experimental Course: [Topic], when Topic is “Working Abroad” (
- CRES 410: Experimental Course: [Topic], when Topic is “Israeli-Palestinian Conflict”
- CRES 435: Israel and Palestine
- GEOG 209: Geography of the Middle East and North Africa
- GLBL 323: Islam and Global Forces
- GLBL 423: Development and the Muslim World
- HC 431H: Honors College Social Science Colloquium: [Topic], when Topic is “The Politics of Human Rights)
- HC 431H: Honors College Social Science Colloquium: [Topic], when Topic is “The Problem with Genocide and Mass Atrocity”
- HC 434H, Honors College International Cultures Colloquium: [Topic], when Topic is “Middle East Peace”
- HIST 325: Precolonial Africa (HIST 325)
- HIST 417: Society and Culture in Modern Africa: [Topic]
- HIST 419: African Regional Histories: [Topic]
- HIST 450: The Iraq War
- JDST 212: Medieval and Early Modern Judaism
- JDST 213: The Jewish Encounter with Modernity
- JDST 352: Jewish Literature and Culture
- JDST 353: Jewish Image and the Media

- JDST 354: Jewish Thought and History
- PS 199: Special Studies: [Topic], when Topic is “Crisis in the Middle East”
- PS 385: Nuclear Politics in the Middle East (PS 384)
- PS 399: Special Studies: [Topic], when Topic is “Nuclear Politics of the Middle East”
- PS 399: Special Studies: [Topic], when Topic is “Politics of North Africa”

## Humanities Electives

- ARB 201: Second-Year Arabic
- ARB 202: Second-Year Arabic
- ARB 203: Second-Year Arabic
- ARB 301: Language and Culture
- ARB 302: Language and Culture
- ARB 303: Language and Culture
- ARB 331: Reading Classical Arabic
- ARB 353: Arab Cinema
- ARB 410: Experimental Course: [Topic] (past topics include, “Shiism” and “1001 Arabian Nights”)
- ARB 411: Classical Arabic Sources
- ARH 321: Ancient Jewish Art
- ARH 325: Islamic Art & Architecture
- ARH 382: Arts of the Silk Road
- COLT 231: Literature and Society (only if taught by Michael Allan)
- COLT 370: Comparative Comics (only if taught by Michael Allan)
- COLT 461: Studies in Contemporary Theory: Colonialism and Postcolonial Theory (only if taught by Michael Allan)
- COLT 462: Cultural Intersections: Orientalism (only if taught by Michael Allan)
- COLT 470: Studies in Identity: [Topic] (only if taught by Michael Allan)
- FLR 350: Folklore and the Bible
- FLR 411: Folklore and Religion
- HBRW 111: Biblical Hebrew I
- HBRW 112: Biblical Hebrew II
- HBRW 113: Biblical Hebrew III
- HBRW 201: 2nd Year Modern Hebrew
- HBRW 202: 2nd Year Modern Hebrew
- HBRW 203: 2nd Year Modern Hebrew
- HBRW 311: Biblical Narrative
- HBRW 312: Biblical Poetry
- HBRW 313: Postbiblical Literature
- REL 102: World Religions: Near Eastern Traditions
- REL 211: Early Judaism
- REL 222: Introduction to the Bible I
- REL 223: Introduction to the Bible II
- REL 233: Introduction to Islam
- REL 317: Jesus and the Gospels
- REL 321: History of Christianity
- REL 324: History of Eastern Christianity
- REL 325: History of Eastern Christianity
- REL 335: Introduction to the Qur'an
- REL 355: Mysticism

- REL 357: War, Terrorism & Religion
- REL 410: Experimental Course: [Topic], when Topic is “Islamic Origins”
- REL 410: Experimental Course: [Topic], when Topic is “Islamic Law and Society”
- REL 414: Biblical Book: [Topic]
- REL 418: Martyrdom
- REL 432: Islamic Mysticism: [Topic]
- TA 472: Multicultural Theater: [Topic], when topic is “Israeli and Palestinian Theater”
- TA 472: Multicultural Theater: [Topic], when topic is “Middle Eastern Theater”
- WGS 410: Experimental Course: [Topic], when topic is “Muslim Women: Life and Identity”

## Concentration

In addition to the credit requirements above, students choose to complete one of the three following concentrations: language, study abroad, or research.

**Language Concentration.** Students must satisfactorily complete a minimum of one year of a MENA language: Arabic, Hebrew, Turkish, or Persian-Farsi. Language credits may be earned at the UO, through an approved overseas program, or transferred from another college or university. Students may also satisfy the language requirement by examination, demonstrating a level of competence equivalent to one year of college-level language.

Currently, Arabic and Hebrew are offered as regular UO language courses. Turkish and Persian-Farsi are offered through the Yamada Language Center. Students may earn university credit for courses taken at the Yamada Center (1–3 credits per term). In order to complete the minimum one-year requirement for Turkish and Persian, students must take the New York University 12-point Foreign Language Proficiency Examination. Students who receive 12 points on the exam have satisfactorily completed the minimum one-year language requirement.

In addition, students may complete a second year of a MENA language and apply 8 credits of this work toward satisfaction of the humanities credits requirements.

**Study-Abroad or Internship Concentration.** Students spend a minimum of one term in an approved study-abroad or internship program in a Middle Eastern–North African country.

Currently, there are 19 study-abroad programs offered through the UO, in Jordan, Morocco, Israel, Turkey, and Tunisia. All of these programs meet the study-abroad requirement option. Other programs through accredited universities and organizations may be accepted for university credit and for the study-abroad requirement option. For these programs to count toward the concentration, the student must meet with the minor advisor. Students planning on the study-abroad or internship option must meet with the program advisor to discuss the study-abroad program that fits with the objectives of the minor.

The UO participates in IE<sub>3</sub> Global, which offers internships in Tunisia and which count toward the study-abroad or internship requirement. Other internship possibilities may be available. For these programs to count toward the concentration, the student must meet with the minor advisor and have it approved before signing up for the internship program.

Once students return from their study-abroad or internship experience, they must write a five- to six-page reflection of their experiences abroad, to be read and approved by the minor advisor. As noted, the minor advisor must approve courses taken abroad and the structure and content of an internship in advance. With the approval of the advisor, up to 8 credits taken abroad may count toward the overall minor requirement of 24 credits.

**Research Concentration.** Students write a high-quality, 15- to 20-page research paper on a MENA-related topic. For this pathway, students work with a professor who guides their research, monitors their progress, and approves their completed research paper. To research and write their paper, students may select to enroll in a 401 (Research) or 405 (Reading and Conference) course. Four credits of 401 or 405 may apply to the 24-credit requirement.

## Political Science

### Joseph Lowndes, Department Head

541-346-4864  
541-346-4860 fax  
936 Prince Lucien Campbell Hall  
1284 University of Oregon  
Eugene, Oregon 97403-1284  
polisci@uoregon.edu

## Faculty

Yvette Alex-Assensoh, professor (immigration, racial politics); vice president for equity and inclusion. BA, 1988, Columbia; MA, 1991, PhD, 1993, Ohio State; JD, 2006, Indiana, Bloomington. (2012)

Erin Beck, associate professor (Latin American politics; micropolitics; women, gender, and development). BA, 2004, Providence College; MA, 2007, PhD, 2012, Brown. (2012)

Neil O'Brian, assistant professor (political parties, Congress, public opinion, polarization). BA, 2011, Case Western Reserve University; PhD, 2020, University of California, Berkeley. (2019)

Anita Chari, associate professor (political theory). BA, 2001, Georgetown; MA, 2003, PhD, 2008, Chicago. (2010)

James Conran, assistant professor (comparative politics, European politics, political economy). BA, 2006, University College, Dublin; MSc, 2008, London School of Economics and Political Science; PhD, 2017, Massachusetts Institute of Technology. (2017)

Jane K. Cramer, associate professor (international relations, international security, US foreign policy). BA, 1986, Oberlin; PhD, 2002, Massachusetts Institute of Technology. (2000)

Dennis C. Galvan, professor (Africa, development, comparative politics); vice provost for international affairs. See **International Studies**.

Alison Gash, associate professor (public law). BA, 1995, Vassar College; MPA-URP, 2000, Princeton; MA, 2004, PhD, 2010, California, Berkeley. (2010)

Burke Hendrix, associate professor (normative political theory, indigenous politics, global justice). BA, 1992, Linfield College; MA, 2000, PhD, 2002, Colorado, Boulder. (2012)

Craig Kauffman, associate professor (environmental politics, global governance, democratization). BA, 1992, College of Wooster; MS, 1996, George Mason; PhD, 2012, George Washington. (2012)

Joseph E. Lowndes, professor (US politics). BA, 1990, Antioch College; MA, 1996, New School for Social Research; PhD, 2004, New School University. (2003)

Ronald B. Mitchell, professor (environmental politics, international relations). BA, 1981, Stanford; MPP, 1985, PhD, 1992, Harvard. (1993)

Mikhail Myagkov, professor (comparative politics, formal political theory). BS, 1990, Moscow Institute of Physics and Technology; MS, 1994, PhD, 1996, California Institute of Technology. (1996)

Craig Parsons, professor (comparative politics, European politics). BA, 1992, Stanford; CEP, 1993 Institut d'Etudes Politiques; MA, 1994, PhD, 1999, California, Berkeley. (2004)

Lars Skalmes, associate professor (international political economy, international relations). CandMag, 1984, Bergen; MA, 1989, PhD, 1993, California, Los Angeles. (1992)

Yeling Tan, assistant professor (international and comparative political economy, global economic governance, politics of China). BA, 2002, Stanford; MPA, 2011, PhD, 2017, Harvard. (2017)

Daniel Tichenor, professor (American presidency, interest groups and social movements, US political institutions); Philip H. Knight Chair. BA, 1988, Earlham College; PhD, 1996, Brandeis. (2008)

Tuong Vu, professor (comparative politics, political economy, nationalism, revolution, East and Southeast Asia). BA, 1994, Minnesota, Twin Cities; MPA, 1997, Princeton; PhD, 2004, California, Berkeley. (2007)

Priscilla Yamin, associate professor (US politics and history, gender studies, feminist theory). BA, 1990, Wisconsin, Madison; MA, 1996, PhD, 2005, New School for Social Research. (2007)

## Emeriti

William H. Baugh, associate professor emeritus. SB, 1963, Massachusetts Institute of Technology; MS, 1965, Rochester; MA, 1971, PhD, 1973, Indiana. (1978)

Deborah Baumgold, professor emerita. BA, 1971, Oberlin; MA, 1975, PhD, 1980, Princeton. (1987)

Gerald Berk, professor emeritus (American politics, political development, political economy). BA, 1977, Clark; PhD, 1987, Massachusetts Institute of Technology. (1994)

Daniel Goldrich, professor emeritus. BA, 1955, Antioch; MA, 1957, PhD, 1959, North Carolina, Chapel Hill. (1963)

Arthur M. Hanhardt Jr., professor emeritus. BA, 1953, Rochester; M.A., 1958, Colgate; Ph.D., 1963, Northwestern. (1963)

Richard Kraus, professor emeritus. BA, 1966, Grinnell; certificate (East Asian Institute), 1969, MA, 1969, PhD, 1974, Columbia. (1983)

Jerry F. Medler, associate professor emeritus. BA, 1963, Northwestern; MA, 1965, PhD, 1966, Oregon. (1968)

Priscilla Southwell, professor emerita. BA, 1974, MA, 1977, Colorado; PhD, 1983, North Carolina, Chapel Hill. (1981)



Richard P. Suttmeier, professor emeritus. AB, 1963, Dartmouth College; PhD, 1969, Indiana. (1990)

M. George Zaninovich, professor emeritus. BA, 1953, MA, 1959, PhD, 1964, Stanford. (1966)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Major - Bachelor's Degree

- Political Science (BA/BS) (p. 403)

### Minor

- Political Science (p. 405)

## Graduate Programs

### Major - Master's Degree

- Political Science (MA/MS) (p. 406)

### Major - Doctoral Degree

- Political Science (PhD) (p. 406)

## Political Science (BA/BS)

As a political science major at the University of Oregon, you'll gain an in-depth understanding of how power, politics, and people converge. Understanding politics and how to make them better serve the community is a critical element in shaping your own possibilities. From concentrations in global affairs and international trade to mediating local council meetings and analyzing societal reactions, there are a wide range of opportunities within our political science community. A degree in political science teaches you how collective decisions are made and how our government works—or doesn't.

You will study political theory and international and national politics as you develop critical thinking, analytic and writing abilities, and sharp communication. These skills lead into a wide variety of careers. Our program opens doors to graduate work and professional opportunities in law, business, government, teaching, journalism, and social activism. Our students' substantive expertise in political institutions, key policy issues, ideology, law and regulation, and political identities empowers them to successfully navigate—and change—the world that awaits beyond UO.

This program is designed to

1. provide students with substantive expertise in political institutions, key policy issues, salient ideologies, law and regulation, and political identities in local, national, and global contexts
2. prepare students for graduate work or professional careers in law, business, government, teaching, journalism, social activism, or the academic community

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Recognize and describe major variations in political institutions and policy processes.

- Recognize the defining features of major political ideologies and their conceptual relations to one another.
- Identify sources and expressions of various forms of inequality, as well as different ways that groups challenge inequalities through the exercise of different forms of power and agency.
- Identify and evaluate multiple explanations for why political processes or policy outcomes vary across countries, policy realms, and time.
- Evaluate a theoretical claim against alternative theoretical approaches using appropriate methods and evidence in a written paper, oral presentation, and/or other creative output.
- Demonstrate engagement with social and political issues, including through politically-related employment or internships, regular critical reading about current events, or other forms of policy and political experience.

## Political Science Major Requirements

| Code                                                | Title | Credits   |
|-----------------------------------------------------|-------|-----------|
| Two 100-level courses                               |       | 8         |
| Two 200-level courses                               |       | 8         |
| Course in political theory (any level) <sup>1</sup> |       | 4         |
| Two 400-level courses <sup>2</sup>                  |       | 8         |
| Additional upper-division courses <sup>3,4</sup>    |       | 20        |
| <b>Total Credits</b>                                |       | <b>48</b> |

<sup>1</sup> Political theory courses are indicated by a footnote in the Class Schedule.

<sup>2</sup> A minimum of two 400-level courses numbered 407, 410, or 412–499 are required.

<sup>3</sup> If the political theory course is upper-division, the total number of additional upper-division credits needed will total 20. If it is lower-division, the total number of additional upper-division credits needed will total 24.

<sup>4</sup> A minimum of 20 upper-division credits must be completed in residence at the University of Oregon.

## Additional Requirements

The 48 credits that satisfy major requirements must be taken for letter grades and passed with C– or better with the exception that one course (as many as 4 credits) may be taken pass/no pass (P/N). Courses such as Thesis (PS 403) and Honors Thesis Prospectus (PS 411) are offered pass/no pass only and may be applied to the 48 credits. Credits earned in Terminal Project (PS 409) may not be applied to the major.

No more than a total of 16 credits in Research: [Topic] (PS 401), Thesis (PS 403), Internship: [Topic] (PS 404), Reading and Conference: [Topic] (PS 405), Workshop: [Topic] (PS 408), Honors Thesis Prospectus (PS 411), and Overseas Study: Internships (OINT 488) may be applied toward the 48-credit requirement. Overseas Study: Internships (OINT 488) is subject to preapproval by the political science department.

No more than 8 credits of Internship: [Topic] (PS 404) or Overseas Study: Internships (OINT 488) may be applied toward the 48 credits. This work must be done under the direction of a faculty member who, prior to registration, must approve and set up academic criteria to evaluate the work. Credit for these courses must be earned at the University of Oregon.

UO bachelor's degree requirements also apply.

Honors in Political Science

Political science majors who have reached junior standing and meet GPA minimums are eligible to enter the honors program. The honors program spans the spring term of a student's junior year to the spring term of senior year. GPA minimums must be maintained to participate—an overall grade point average for UO and transfer credits of at least 3.50, plus a 3.70 GPA or above in the political science major. Students must successfully complete Honors Thesis Prospectus (PS 411) during fall term of the academic year in which the thesis is completed, then complete 4 credits in Thesis (PS 403) in the following winter term. Honors students select a thesis advisor and reader; the advisor supervises and grades the thesis course. The thesis advisor and reader determines if the thesis is approved for honors distinction after eligibility is determined prior to graduation.

Four-Year Degree Plan

Bachelor of Arts in Political Science

| Course                                                          | Title          | Credits | Milestones |
|-----------------------------------------------------------------|----------------|---------|------------|
| First Year                                                      |                |         |            |
| Fall                                                            |                |         |            |
| WR 121Z                                                         | Composition I  | 4       |            |
| 100-level course with PS subject code                           |                | 4       |            |
| First term of first-year second-language sequence               |                | 4       |            |
| Area of Inquiry - arts and letters course                       |                | 4       |            |
| Credits                                                         |                | 16      |            |
| Winter                                                          |                |         |            |
| Second term of first-year second-language sequence              |                | 4       |            |
| WR 122Z                                                         | Composition II | 4       |            |
| or WR 123 or College Composition III                            |                |         |            |
| Area of Inquiry - science course                                |                | 4       |            |
| 100-level course with PS subject code                           |                | 4       |            |
| Credits                                                         |                | 16      |            |
| Spring                                                          |                |         |            |
| Third term of first-year second-language sequence               |                | 4       |            |
| Area of Inquiry - science course                                |                | 4       |            |
| Global Perspectives or US Difference, Inequality, Agency course |                | 4       |            |
| 200-level course with PS subject code                           |                | 4       |            |
| Credits                                                         |                | 16      |            |
| Total Credits                                                   |                | 48      |            |
| Second Year                                                     |                |         |            |
| Fall                                                            |                |         |            |
| First term of second-year second-language sequence              |                | 4       |            |
| Area of Inquiry - arts and letters course                       |                | 4       |            |
| Area of Inquiry - social science course                         |                | 4       |            |
| 200-level course with PS subject code                           |                | 4       |            |
| Credits                                                         |                | 16      |            |
| Winter                                                          |                |         |            |
| Second term of second-year second-language sequence             |                | 4       |            |
| Area of Inquiry - arts and letters course                       |                | 4       |            |
| Area of Inquiry - social science course                         |                | 4       |            |

|                                                    |  |    |
|----------------------------------------------------|--|----|
| Course in political theory with PS subject code    |  | 4  |
| Credits                                            |  | 16 |
| Spring                                             |  |    |
| Third term of second-year second-language sequence |  | 4  |
| Area of Inquiry - arts and letters course          |  | 4  |
| Area of Inquiry - social science course            |  | 4  |
| 300-level course with PS subject code              |  | 4  |
| Credits                                            |  | 16 |
| Total Credits                                      |  | 48 |

| Course                                                          | Title | Credits | Milestones                               |
|-----------------------------------------------------------------|-------|---------|------------------------------------------|
| Third Year                                                      |       |         |                                          |
| Fall                                                            |       |         |                                          |
| Area of Inquiry - science course                                |       | 4       |                                          |
| 300-level course with PS subject code                           |       | 4       |                                          |
| Area of Inquiry - social science course                         |       | 4       |                                          |
| Elective course                                                 |       | 4       | Consider pursuing an internship          |
| Credits                                                         |       | 16      |                                          |
| Winter                                                          |       |         |                                          |
| Global Perspectives or US Difference, Inequality, Agency course |       | 4       |                                          |
| Area of Inquiry - science course                                |       | 4       |                                          |
| 300- to 400-level courses with PS subject code                  |       | 8       |                                          |
| Credits                                                         |       | 16      |                                          |
| Spring                                                          |       |         |                                          |
| 300- to 400-level courses with PS subject code                  |       | 8       | Consider applying for the honors program |
| Elective courses                                                |       | 8       |                                          |
| Credits                                                         |       | 16      |                                          |
| Total Credits                                                   |       | 48      |                                          |

| Course                                                                      | Title | Credits | Milestones |
|-----------------------------------------------------------------------------|-------|---------|------------|
| Fourth Year                                                                 |       |         |            |
| Fall                                                                        |       |         |            |
| 400-level course with PS subject code                                       |       | 4       |            |
| Elective courses (Enroll in PS 411 if participating in the honors program). |       | 12      |            |
| Credits                                                                     |       | 16      |            |
| Winter                                                                      |       |         |            |
| 400-level course with PS subject code                                       |       | 4       |            |
| Elective courses (Enroll in PS 403 if participating in the honors program). |       | 12      |            |
| Credits                                                                     |       | 16      |            |

**Spring**

|                      |                   |           |
|----------------------|-------------------|-----------|
| Elective courses     | Apply to graduate | 16        |
| <b>Credits</b>       |                   | <b>16</b> |
| <b>Total Credits</b> |                   | <b>48</b> |

**Bachelor of Science in Political Science**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|                                           |                           |           |
|-------------------------------------------|---------------------------|-----------|
| MATH 106                                  | University Mathematics II | 4         |
| WR 121Z                                   | Composition I             | 4         |
| 100-level course with PS subject code     |                           | 4         |
| Area of Inquiry - arts and letters course |                           | 4         |
| <b>Credits</b>                            |                           | <b>16</b> |

**Winter**

|                                       |                            |           |
|---------------------------------------|----------------------------|-----------|
| MATH 107                              | University Mathematics III | 4         |
| WR 122Z                               | Composition II             | 4         |
| or WR 123                             | or College Composition III |           |
| 100-level course with PS subject code |                            | 4         |
| Area of Inquiry - science course      |                            | 4         |
| <b>Credits</b>                        |                            | <b>16</b> |

**Spring**

|                                                                 |                          |           |
|-----------------------------------------------------------------|--------------------------|-----------|
| MATH 111Z                                                       | Precalculus I: Functions | 4         |
| 200-level course with PS subject code                           |                          | 4         |
| Area of Inquiry - science course                                |                          | 4         |
| Global Perspectives or US Difference, Inequality, Agency course |                          | 4         |
| <b>Credits</b>                                                  |                          | <b>16</b> |
| <b>Total Credits</b>                                            |                          | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                           |  |           |
|-------------------------------------------|--|-----------|
| 200-level course with PS subject code     |  | 4         |
| Area of Inquiry - arts and letters course |  | 4         |
| Area of Inquiry - social science course   |  | 8         |
| <b>Credits</b>                            |  | <b>16</b> |

**Winter**

|                                                                 |  |           |
|-----------------------------------------------------------------|--|-----------|
| Course in political theory with PS subject code                 |  | 4         |
| Global Perspectives or US Difference, Inequality, Agency course |  | 4         |
| Area of Inquiry - arts and letters course                       |  | 4         |
| Area of Inquiry - social science course                         |  | 4         |
| <b>Credits</b>                                                  |  | <b>16</b> |

**Spring**

|                                           |  |           |
|-------------------------------------------|--|-----------|
| 300-level course with PS subject code     |  | 4         |
| Area of Inquiry - arts and letters course |  | 4         |
| Area of Inquiry - social science course   |  | 4         |
| Elective course                           |  | 4         |
| <b>Credits</b>                            |  | <b>16</b> |
| <b>Total Credits</b>                      |  | <b>48</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                            |                                 |   |
|--------------------------------------------|---------------------------------|---|
| Upper-division course with PS subject code |                                 | 4 |
| 300-level course with PS subject code      |                                 | 4 |
| Area of Inquiry - science course           |                                 | 4 |
| Elective course                            | Consider pursuing an internship | 4 |

**Credits****16****Winter**

|                                                |  |   |
|------------------------------------------------|--|---|
| 300- to 400-level courses with PS subject code |  |   |
| Area of Inquiry - science course               |  | 4 |
| Elective course                                |  | 4 |

**Credits****8****Spring**

|                                        |                                           |   |
|----------------------------------------|-------------------------------------------|---|
| 400-level courses with PS subject code | Consider applying for the honors program. | 8 |
| Elective courses                       |                                           | 8 |

**Credits****16****Total Credits****40**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                                                             |  |           |
|-----------------------------------------------------------------------------|--|-----------|
| 400-level course with PS subject code                                       |  | 4         |
| Elective courses (Enroll in PS 411 if participating in the honors program). |  | 12        |
| <b>Credits</b>                                                              |  | <b>16</b> |

**Winter**

|                                                                             |  |           |
|-----------------------------------------------------------------------------|--|-----------|
| 400-level course with PS subject code                                       |  | 4         |
| Elective courses (Enroll in PS 403 if participating in the honors program). |  | 12        |
| <b>Credits</b>                                                              |  | <b>16</b> |

**Spring**

|                      |                   |           |
|----------------------|-------------------|-----------|
| Elective courses     | Apply to graduate | 16        |
| <b>Credits</b>       |                   | <b>16</b> |
| <b>Total Credits</b> |                   | <b>48</b> |

**Political Science Minor**

The minor in political science teaches you how collective decisions are made—and how you can have a role in them—across all the arenas of your life. Our program prioritizes a concrete skill set of critical thinking, analytic and writing abilities, and sharp communication.

## Minor Requirements

| Code                                                  | Title | Credits   |
|-------------------------------------------------------|-------|-----------|
| Political science courses                             |       | 8         |
| Upper-division political science courses <sup>1</sup> |       | 16        |
| <b>Total Credits</b>                                  |       | <b>24</b> |

<sup>1</sup> Only 6 credits may be in Research: [Topic] (PS 401), Reading and Conference: [Topic] (PS 405), and Workshop: [Topic] (PS 408).

All credits must be taken for letter grades and passed with grades of C– or better. As many as 8 credits may be transferred from another institution.

PS 400M, Thesis (PS 403), Internship: [Topic] (PS 404), Terminal Project (PS 409), Honors Thesis Prospectus (PS 411), and Overseas Study: Internships (OINT 488) do not count toward the minor. The minor in political science does not have a subfield requirement.

## Political Science (MA/MS)

The master's degree program prepares students for professional careers in teaching and research. Two years is the typical period for completing the program. The graduate program is geared toward doctoral studies and typically only admits students for a terminal master's degree under exceptional circumstances. Applicants whose main goal is to obtain a PhD should apply directly to the doctoral program. Those wanting to obtain a terminal master's degree should contact the department's director of graduate studies before applying to discuss a potential fit.

The Political Science department only admits students who intend to complete a doctoral degree. The learning objectives for the doctoral program are as follows:

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Display mastery of at least one subfield in the discipline of political science (American Politics, Comparative Politics, International Relations, Political Theory, or Formal Methods) and strong familiarity with another.
- Display the ability to design and produce publishable research.
- Achieve the doctoral degree within six years.

## Political Science Major

- Completion of 45 credits of graduate coursework
- Completion of required courses as specified by the department
- Demonstrated proficiency in qualitative and quantitative research methods
- Completion of a master's degree thesis

| Code                                    | Title                           | Credits |
|-----------------------------------------|---------------------------------|---------|
| <b>Seminar Requirement:</b>             |                                 |         |
| PS 620                                  | State of the Discipline         | 5       |
| Two Seminar Courses from the Following: |                                 |         |
| PS 607                                  | Seminar: [Topic]                |         |
| PS 618                                  | American Political Institutions |         |
| PS 619                                  | United States Political Culture |         |
| PS 622                                  | Political Theory                |         |

|                                  |                                                 |           |
|----------------------------------|-------------------------------------------------|-----------|
| PS 624                           | International Relations                         |           |
| PS 625                           | Public Policy                                   |           |
| PS 626                           | International Political Economy                 |           |
| PS 628                           | States and State-Society Relations              |           |
| PS 629                           | Comparative Political Economy                   |           |
| PS 630                           | States and Regimes                              |           |
| <b>Methods Requirement:</b>      |                                                 |           |
| PS 545                           | Methods for Politics and Policy Analysis I      | 8         |
| & PS 546                         | and Methods for Politics and Policy Analysis II |           |
| PS 612                           | Qualitative Methods                             | 10        |
| & PS 613                         | and Interpretive Methods in Political Science   |           |
| PS 614                           | Research Design                                 | 5         |
| <b>Thesis Requirement:</b>       |                                                 | <b>15</b> |
| PS 503                           | Thesis                                          |           |
| <b>Total Credit Requirement:</b> |                                                 | <b>45</b> |

## Political Science (PhD)

This program is designed to allow the well-prepared student to complete course requirements for the PhD in two years of full-time study. Students complete a research paper in their second year and take comprehensive examinations during their third year, followed by preparation of a dissertation.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Display mastery of at least one subfield in the discipline of political science (American Politics, Comparative Politics, International Relations, Political Theory, or Formal Methods) and strong familiarity with another.
- Display the ability to design and produce publishable research.
- Achieve the doctoral degree within six years.

## Doctoral Program

This program is designed to allow the well-prepared student to complete course requirements for the PhD in two years of full-time study. Students complete a research paper in their second year and take comprehensive examinations during their third year, followed by preparation of a dissertation. Requirements for the PhD in political science include the following:

1. Completion of 100 credits (18 credits are for dissertation) beyond the bachelor's degree. Research: [Topic] (PS 601) and Reading and Conference: [Topic] (PS 605) may be taken pass/no pass. All other course work must be taken for letter grades
2. Completion of State of the Discipline (PS 620), to be taken the first time it is offered
3. Demonstrated proficiency in quantitative and qualitative research methods
4. Completion of a research paper no later than the sixth term of enrollment (excluding summer)
5. Completion of required seminars in the two area fields in which the student takes comprehensive examinations. Students should take these seminars as early as possible, and prior to examination

6. Passing two comprehensive examinations: one major field and one minor field, selected from the list below. Each field comprises several themes from which the student must choose a subset
  - classical and contemporary political theory
  - comparative politics
  - formal theory and methodology
  - international relations
  - public policy
  - United States politics
7. After passing the comprehensive examinations, completion of 18 credits in Dissertation (PS 603), to be taken while completing the PhD dissertation
8. Defense of the written dissertation in an oral examination

A complete description of graduate requirements, including an explanation of themes and field requirements, is available on the department website (<http://polisci.uoregon.edu/>).

## Sociology

### Michael C. Dreiling, Department Head

541-346-5002

541-346-5026 fax

736 Prince Lucien Campbell Hall

1291 University of Oregon

Eugene OR 97403-1291

sociology@uoregon.edu

Sociology is the systematic study of human social life, groups, and societies. Sociology can reveal how society works, what motivates individuals to behave in certain ways, how particular rules and norms get established, why people obey those rules and norms, how seemingly invisible social forces might govern our behavior, and how the outcome of our lives are frequently determined by forces largely outside of our control. It can even help us understand why we might sometimes act in ways that are contrary to our deeply held beliefs.

Sociologists study how societies form, change, and die out. They study how society affects you and vice versa. The department curriculum focuses on social institutions—the family, work, religion, and the economy; culture—the governing ideas and beliefs of a society; and social interactions—the way people behave as individuals and in groups. Taken together, they make up what sociologists call the social structure: enduring, patterned, orderly relationships among institutions, people, and other elements of a given society. Through a systematic study of society, sociology helps us understand social problems such as inequality, racism, environmental degradation, and poverty, to name a few, and aids in the development of creative solutions to solve them.

## Faculty

Michael B. Aguilera, associate professor (economic sociology, social inequality, race and ethnicity). BA, 1995, California, Irvine; MA, 1995, PhD, 1999, State University of New York, Stony Brook. (2004)

Oluwakemi Balogun, assistant professor (gender, race and migration, African Studies). See **Women's, Gender, and Sexuality Studies**.

Michael C. Dreiling, professor (political sociology, environmental sociology, social movements). BA, 1990, California, Irvine; MA, 1993, PhD, 1997, Michigan, Ann Arbor. (1996)

Clare R. Evans, assistant professor (medical sociology, quantitative methods, social networks). BA, 2008, Lewis and Clark College; MPH, 2011, Columbia; ScD, 2015, Harvard. (2015)

Aaron O. Gullickson, associate professor (race and ethnicity, stratification, demography). BA, 1998, Washington (Seattle); MA, 1999, 2001, PhD, 2004, California, Berkeley. (2007)

Jill A. Harrison, associate professor (work, organizations, qualitative methods). BA, 2000, Youngstown State; MA, 2004, PhD, 2009, Ohio State. (2009)

Claire W. Herbert, assistant professor (crime & socio-legal studies, housing, urban sociology, race, poverty & inequality). BS, 2006, University of Oregon; MA, 2014, University of Michigan; PhD, 2016, University of Michigan. (2019)

Jocelyn Hollander, professor (gender, microsociology, gender-based violence). BA, 1987, Stanford; MA, 1991, PhD, 1997, Washington (Seattle). (1997)

Raoul S. Liévanos, assistant professor (environment and health, race and ethnicity, science and technology). BA, 2004, California State, Fresno; MA, 2007, PhD, 2013, California, Davis. (2016)

Ryan Light, associate professor (cultural sociology, inequality, social networks). BA, 2000, Kenyon College; MA, 2004, PhD, 2009, Ohio State. (2009)

Krystale Littlejohn, assistant professor (health and medicine, social cognition, inequality). BA, 2007, Occidental College; MA, 2010, PhD, 2013, Stanford. (2019)

Kari Marie Norgaard, professor (environmental sociology, gender and environment, race and environment, climate change, sociology of culture, social movements and sociology of emotions). BS, 1992, Humboldt State; MA, 1994, Washington State; PhD, 2003, Oregon. (2011)

Matthew Norton, associate professor (political and cultural sociology, theory). BA, 1998, Villanova; MA, 2002, Bradford; PhD, 2012, Yale. (2012)

C. J. Pascoe, associate professor (sexuality and gender, childhood and youth, new media). BA, 1996, Brandeis; MA, 2000, PhD, 2006, California, Berkeley. (2013)

Elaine Replogle, senior instructor I (sociology of medicine and mental health, culture, qualitative methods). BA, 1989, Earlham College; MTS, 1994, Harvard; MA, 2002, PhD, 2005, Rutgers. (2008)

Ellen K. Scott, professor (low-wage work, public policy, gender). BA, 1982, Williams; MA, 1991, New School for Social Research; MA, 1992, PhD, 1997, California, Davis. (2001)

Jiannbin Lee Shiao, associate professor (race and ethnicity, research methods, Asian America). BA, 1991, Brown; MA, 1994, 1996, PhD, 1998, California, Berkeley. (1998)

Jessica Vasquez-Tokos, professor (race and ethnicity, immigration, family). BA, 1998, Princeton; MA, 2002, PhD, 2007, California, Berkeley. (2012)

Richard York, professor (environmental sociology, statistics, research methods). BS, 1994, Southern Oregon; MS, 1997, Bemidji State; PhD, 2002, Washington State. (2002)



## Emeriti

Vallon L. Burris, professor emeritus. BA, 1969, Rice; PhD, 1976, Princeton. (1977)

Steven Deutsch, professor emeritus. BA, 1958, Oberlin; MA, 1959, PhD, 1964, Michigan State. (1966)

John B. Foster, professor emeritus (environment, Marxism, political economy). BA, 1975, Evergreen State; MA, 1977, PhD, 1984, York. (1985)

Marion Sherman Goldman, professor emeritus [sic]. AB, 1967, California, Berkeley; MA, 1970, PhD, 1977, Chicago. (1973)

Patricia A. Gwartney, professor emerita. AB, 1973, California, Berkeley; MA, 1979, PhD, 1981, Michigan. (1981)

Benton Johnson, professor emeritus. BA, 1947, North Carolina; MA, 1953, PhD, 1954, Harvard. (1957)

Kenneth B. Liberman, professor emeritus. BA, 1970, State University of New York, Old Westbury; MA, 1976, PhD, 1981, California, San Diego (1983)

Gregory McLauchlan, associate professor (urban sociology; political sociology; science, technology, environment). BA, 1974, MA, 1978, PhD, 1988, California, Berkeley. (1989)

Robert M. O'Brien, professor emeritus. BS, 1967, Pomona; MS, 1970, PhD, 1973, Wisconsin. (1981)

Donald R. Van Houten, professor emeritus. BA, 1958, Oberlin; PhD, 1967, Pittsburgh. (1968)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Major - Bachelor's Degree

- Sociology (BA/BS) (p. 408)

### Minor

- Criminology (p. 410)
- Sociology (p. 410)

## Graduate Programs

### Major - Doctoral Degree

- Sociology (PhD) (p. 411)

## Sociology (BA/BS)

Sociology is the systematic study of human groups and societies -- how they develop, how they are structured, and how they function. Like human society itself, the field of sociology is extremely broad. Sociologists study the social world, from small groups of friends and families, to formal organizations, such as universities and corporations, to entire nations. We look at social relationships and interactions, at power and conflict, at structures that hold societies together, and at how societies change.

Hands-on learning and applied sociology are key aspects of our program. Options available to students include, but are not limited to participating in the Inside/Out Program partnered with a class at Oregon State Penitentiary, the Sociology Honors program where students produce their own research and write a thesis, presenting original research at the Undergraduate Research Symposium, a wide variety of community outreach and research internships, peer advising and mentoring, and more.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop a sociological imagination allowing them to analyze and evaluate fundamental features of society, including social conflict, inequalities, institutions, group relations, the experiences of individuals, and human interactions with the earth's natural environment.
- Recognize and understand major theoretical traditions and be able to use sociological theories to critically analyze systems of social power, institutions, human difference, or behavior.
- Be proficient in basic research methods including interviews, direct observation, content analysis, and surveys. They will know how to collect and analyze data, and how to identify appropriate methods for answering different sociological questions.
- Develop literacy with statistical methods for describing numerical data and for drawing inferences from samples to populations. They will be able to understand statistical models and evaluate quantitative research results.
- Be able to apply their theoretical and empirical knowledge to complex social problems, and to assess the quality of evidence for competing claims regarding social issues.

Courses used to satisfy major requirements must be taken for letter grades and passed with grades of C– or better; at least a 2.00 grade point average (GPA) must be achieved in these courses. Four credits from a course not numbered 401–409 may be taken pass/no pass (P/N); P grades must be earned to apply them to the major.

Courses numbered 401–406 may be taken pass/no pass (P/N); P grades must be earned to apply them to the major. No more than 8 credits from these courses may be applied to the major.

---

## Concentrations

- General Sociology (p. 408)
- Critical Thinking with Data (p. 409)
- Culture, Identities, and Institutions (p. 409)
- Environment, Health, and Community (p. 409)
- Inequalities, Crime, and Social Justice (p. 410)

---

## General Sociology

Work in sociology begins with Introduction to Sociology (SOC 204) or Social Inequality (SOC 207), both of which provide an introduction to the discipline. They emphasize how sociology can be applied to contemporary social issues. Students specializing in general sociology move on to courses that provide a more in-depth study of social institutions. Courses on social stratification, social psychology, social change, and sociological theory help to tie these diverse areas together by providing perspectives that are useful in the study of any institutional

area. Finally, courses in methodology and statistics provide a tool kit of analytical and research skills that are useful both in sociology courses and in whatever activities the student pursues after graduation.

## Sociology Major Requirements

| Code                                                  | Title                                                                    | Credits   |
|-------------------------------------------------------|--------------------------------------------------------------------------|-----------|
| <b>Core Courses</b>                                   |                                                                          |           |
| SOC 204                                               | Introduction to Sociology (May be replaced by SOC 207 Social Inequality) | 4         |
| SOC 310                                               | Social Theory                                                            | 4         |
| SOC 311                                               | Research Methods                                                         | 4         |
| SOC 312                                               | Statistical Analysis in Sociology <sup>1</sup>                           | 4         |
| <b>Upper-Division Courses</b>                         |                                                                          |           |
| 400-level lecture courses (407, 410–499) <sup>2</sup> |                                                                          | 12        |
| 300- or 400-level courses                             |                                                                          | 8         |
| <b>Additional Courses</b>                             |                                                                          |           |
| Sociology courses (any level)                         |                                                                          | 12        |
| <b>Total Credits</b>                                  |                                                                          | <b>48</b> |

<sup>1</sup> STAT 243Z, MATH 425, or PSY 302 can be taken as substitutes for SOC 312. If STAT 243Z is substituted for SOC 312 then an additional upper division 4 credit SOC course must be taken.

<sup>2</sup> These credits must be earned at the University of Oregon.

## Concentration in Critical Thinking with Data

| Code                          | Title                                                                    | Credits |
|-------------------------------|--------------------------------------------------------------------------|---------|
| <b>Core Courses</b>           |                                                                          |         |
| SOC 204                       | Introduction to Sociology (May be replaced by SOC 207 Social Inequality) | 4       |
| SOC 310                       | Social Theory                                                            | 4       |
| SOC 311                       | Research Methods                                                         | 4       |
| SOC 412                       | Sociological Research Methods                                            | 4       |
| <b>Upper-Division Courses</b> |                                                                          |         |
| SOC 413                       | Sociological Research Methods                                            | 4       |
| SOC 416                       | Issues in Environmental Sociology [Topic]                                | 4       |
| or SOC 442                    | Issues in Urban Sociology: [Topic]                                       |         |
| or SOC 450                    |                                                                          |         |
| or SOC 456                    | Feminist Theory                                                          |         |
| or SOC 457                    | Sex and Society                                                          |         |
| or SOC 475                    | Marxist Sociological Theory                                              |         |
| or SOC 484                    | Issues in Deviance, Control, and Crime: [Topic]                          |         |
| SOC 425                       | Issues in Sociology of Family: [Topic]                                   | 4       |
| or SOC 445                    | Sociology of Race and Ethnicity: [Topic]                                 |         |
| or SOC 446                    | Issues in Sociology of Work: [Topic]                                     |         |
| or SOC 447                    | Issues in Sociology of Organizations: [Topic]                            |         |
| or SOC 451                    | Social Stratification                                                    |         |
| or SOC 452                    | Issues of Migration: [Topic]                                             |         |
| or SOC 465                    | Political Sociology                                                      |         |
| or SOC 467                    | Economic Sociology                                                       |         |
| or SOC 491                    | Sociology of Education                                                   |         |
| 300- or 400-level courses     |                                                                          | 12      |
| <b>Additional Courses</b>     |                                                                          |         |

|                               |           |
|-------------------------------|-----------|
| Sociology courses (any level) | 8         |
| <b>Total Credits</b>          | <b>48</b> |

## Concentration in Culture, Identities, and Institutions

| Code                                   | Title                                                                    | Credits   |
|----------------------------------------|--------------------------------------------------------------------------|-----------|
| <b>Core Courses</b>                    |                                                                          |           |
| SOC 204                                | Introduction to Sociology (May be replaced by SOC 207 Social Inequality) | 4         |
| SOC 310                                | Social Theory                                                            | 4         |
| SOC 311                                | Research Methods                                                         | 4         |
| SOC 312                                | Statistical Analysis in Sociology                                        | 4         |
| <b>Upper-Division Courses</b>          |                                                                          |           |
| SOC 328                                | Self and Society                                                         | 4         |
| SOC 317                                | Sociology of the Mass Media                                              | 4         |
| or SOC 330                             | Sociology of the Family                                                  |           |
| or SOC 346                             | Work and Occupations                                                     |           |
| or SOC 370                             | Urban Sociology                                                          |           |
| or SOC 385                             | Medical Sociology                                                        |           |
| SOC 355                                | Sociology of Gender                                                      | 4         |
| or SOC 345                             | Race and Ethnicity                                                       |           |
| <b>400 Level Sociology Coursework:</b> |                                                                          | <b>12</b> |
| SOC 458                                | Issues in Cultural Sociology: [Topic] (Cultural Sociology)               |           |
| SOC 445                                | Sociology of Race and Ethnicity: [Topic]                                 |           |
| SOC 455                                | Issues in Sociology of Gender: [Topic]                                   |           |
| SOC 457                                | Sex and Society                                                          |           |
| SOC 452                                | Issues of Migration: [Topic]                                             |           |
| SOC 451                                | Social Stratification                                                    |           |
| SOC 425                                | Issues in Sociology of Family: [Topic]                                   |           |
| SOC 446                                | Issues in Sociology of Work: [Topic]                                     |           |
| SOC 447                                | Issues in Sociology of Organizations: [Topic]                            |           |
| SOC 465                                | Political Sociology                                                      |           |
| SOC 467                                | Economic Sociology                                                       |           |
| SOC 491                                | Sociology of Education                                                   |           |
| <b>Additional Courses</b>              |                                                                          |           |
| Sociology courses (any level)          |                                                                          | 8         |
| <b>Total Credits</b>                   |                                                                          | <b>48</b> |

## Concentration in Environment, Health, and Community

| Code                          | Title                               | Credits |
|-------------------------------|-------------------------------------|---------|
| <b>Core Courses</b>           |                                     |         |
| SOC 204                       | Introduction to Sociology           | 4       |
| or SOC 207                    | Social Inequality                   |         |
| SOC 310                       | Social Theory                       | 4       |
| SOC 311                       | Research Methods                    | 4       |
| SOC 312                       | Statistical Analysis in Sociology   | 4       |
| <b>Upper-Division Courses</b> |                                     |         |
| SOC 304                       | Community, Environment, and Society | 4       |

|                                               |                                           |           |
|-----------------------------------------------|-------------------------------------------|-----------|
| <b>Choose Two Courses From The Following:</b> |                                           | <b>8</b>  |
| SOC 346                                       | Work and Occupations                      |           |
| SOC 370                                       | Urban Sociology                           |           |
| SOC 385                                       | Medical Sociology                         |           |
| <b>400 Level Sociology Courses</b>            |                                           | <b>12</b> |
| SOC 416                                       | Issues in Environmental Sociology [Topic] |           |
| SOC 442                                       | Issues in Urban Sociology: [Topic]        |           |
| SOC 446                                       | Issues in Sociology of Work: [Topic]      |           |
| <b>Additional Courses</b>                     |                                           |           |
| Sociology courses (any level)                 |                                           | 8         |
| <b>Total Credits</b>                          |                                           | <b>48</b> |

Concentration in Inequalities, Crime, and Social Justice

| Code                                   | Title                                                                    | Credits   |
|----------------------------------------|--------------------------------------------------------------------------|-----------|
| <b>Core Courses</b>                    |                                                                          |           |
| SOC 204                                | Introduction to Sociology (May be replaced by SOC 207 Social Inequality) | 4         |
| SOC 310                                | Social Theory                                                            | 4         |
| SOC 311                                | Research Methods                                                         | 4         |
| SOC 312                                | Statistical Analysis in Sociology                                        | 4         |
| <b>Upper-Division Courses</b>          |                                                                          |           |
| SOC 301                                | American Society                                                         | 4         |
| or SOC 304                             | Community, Environment, and Society                                      |           |
| or SOC 313                             | Social Issues and Movements                                              |           |
| or SOC 355                             | Sociology of Gender                                                      |           |
| or SOC 370                             | Urban Sociology                                                          |           |
| SOC 345                                | Race and Ethnicity                                                       | 4         |
| SOC 380                                | Introduction: Deviance, Control, and Crime                               | 4         |
| <b>400 Level Sociology Courses</b>     |                                                                          | <b>8</b>  |
| Choose Two Courses from the Following: |                                                                          |           |
| SOC 442                                | Issues in Urban Sociology: [Topic]                                       |           |
| SOC 445                                | Sociology of Race and Ethnicity: [Topic]                                 |           |
| SOC 451                                | Social Stratification                                                    |           |
| SOC 465                                | Political Sociology                                                      |           |
| SOC 475                                | Marxist Sociological Theory                                              |           |
| SOC 484                                | Issues in Deviance, Control, and Crime: [Topic]                          | 4         |
| <b>Additional Courses</b>              |                                                                          |           |
| Sociology courses (any level)          |                                                                          | 8         |
| <b>Total Credits</b>                   |                                                                          | <b>48</b> |

Sociology Minor

Minor Requirements

The minor in sociology complements a major in another discipline. Courses used to satisfy requirements for the minor must be taken for letter grades and passed with grades of C– or better.

- Of the 24 credits required in sociology courses, 12 must be upper division

- 12 credits must be taken in residence at the University of Oregon; 8 of those credits must be upper division
- No more than 8 credits from the sociology minor may be used to complete the requirements of another major or minor

| Code                                      | Title                             | Credits   |
|-------------------------------------------|-----------------------------------|-----------|
| Select one from the following:            |                                   | 4         |
| SOC 204                                   | Introduction to Sociology         |           |
| SOC 207                                   | Social Inequality                 |           |
| Select one of the following: <sup>1</sup> |                                   | 4         |
| SOC 310                                   | Social Theory                     |           |
| SOC 311                                   | Research Methods                  |           |
| SOC 312                                   | Statistical Analysis in Sociology |           |
| Other sociology courses <sup>2</sup>      |                                   | 16        |
| <b>Total Credits</b>                      |                                   | <b>24</b> |

- <sup>1</sup> Students in the minor may take 400-level courses only after completing this requirement. Exceptions may be made by instructor permission.
- <sup>2</sup> No more than 4 credits in courses numbered 401–406 may be applied to the minor.

Criminology Minor

Who defines crime and criminal behavior? Why do people commit crimes? What does society do, and what can society do better to prevent and respond to crime? The criminology minor gives students the tools to analyze how society defines, regulates and tries to prevent crime, as well as considering social issues and structures that may cause people to break laws. The minor program in criminology allows students to pair their majors with an exploration of issues of crime and the criminal justice system.

The criminology minor affords students the opportunity to analyze how society defines, regulates and seeks to prevent criminal behavior as well as considering what factors lead people to commit crimes.

Courses address the role of systemic inequality and state violence in relation to crime. Students select courses from multiple social science disciplines including sociology, anthropology, political science, psychology and indigenous, race and ethnic studies to gain an understanding of the nature of crime, including the social and cultural factors contributing to criminal behavior and institutional efforts to prevent it. They also gain skills in analyzing evidence as well as identifying, apprehending and rehabilitating perpetrators.

Minor in Criminology

| Code                    | Title                                       | Credits |
|-------------------------|---------------------------------------------|---------|
| Required Core Courses:  |                                             | 16      |
| SOC 204                 | Introduction to Sociology                   |         |
| PS 106                  | Power, Politics, and Inequality             |         |
| SOC 380                 | Introduction: Deviance, Control, and Crime  |         |
| ANTH 176                | Introduction to Forensic Anthropology       |         |
| Electives: <sup>1</sup> |                                             | 20      |
| ANTH 473                | Advanced Forensic Anthropology <sup>2</sup> |         |
| CRES 420                |                                             |         |
| CRES 445                | Conflicts of Incarceration                  |         |
| ES 352                  | Social Equity and Criminal Justice          |         |

|                      |                                                         |           |
|----------------------|---------------------------------------------------------|-----------|
| ES 450               | Race and Incarceration                                  |           |
| FHS 482              |                                                         |           |
| PS 275               | Legal Process An Introduction to the American Judiciary |           |
| PS 375               | Race, Politics, and the Law                             |           |
| PS 466               | Civil Rights in Post-Warren Era                         |           |
| PS 485               | Civil Rights and Civil Liberties                        |           |
| PPPM 418             | Introduction to Public Law                              |           |
| PSY 309              | Psychopathology                                         |           |
| PSY 366              | Culture and Mental Health                               |           |
| SOC 370              | Urban Sociology                                         |           |
| SOC 484              | Issues in Deviance, Control, and Crime:<br>[Topic]      |           |
| <b>Total Credits</b> |                                                         | <b>36</b> |

<sup>1</sup> Up to 4 credits of internship or practicum can be applied towards the minor.

<sup>2</sup> ANTH 176 and ANTH 473 must be taken in sequence if ANTH 473 is selected as an elective.

## Additional Requirements

- At least 20 credits must be at the upper-division level

## Sociology (PhD)

The Department of Sociology offers graduate work leading to a doctor of philosophy (PhD) and is intended for students seeking a professional career in research and teaching in both academic and nonacademic settings. The department does not offer a terminal master's degree, although students enrolled in the PhD program will also receive a master's degree as part of their training.

Students receive training in qualitative and quantitative research methodologies, sociological theory, and major substantive fields within sociology such as gender, sexuality, environment, race and ethnicity, culture, social networks, labor, immigration, and political economy. The department places a strong emphasis on research, and many students will find opportunities to participate in projects conducted by faculty members.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of core sociological knowledge and knowledge of several sub-fields within sociology.
- Become proficient in research design, primary or secondary data collection, and empirical data analysis.
- Demonstrate independent scientific thinking and advance knowledge within the discipline of sociology.
- Demonstrate effective oral and written communication skills reflective of presenting, publishing, and writing standards in sociology and the broader social sciences.
- Understand career practices, including, for example, ethical issues with regard to human subjects research, teaching, and related professional standards and responsibilities.

| Code    | Title                                        | Credits |
|---------|----------------------------------------------|---------|
| SOC 601 | Research: [Topic]                            | 1-16    |
| SOC 603 | Dissertation                                 | 1-16    |
| SOC 605 | Reading and Conference: [Topic] <sup>1</sup> | 1-16    |
| SOC 606 | Field Studies: [Topic]                       | 1-12    |
| SOC 608 | Workshop: [Topic]                            | 1-16    |

<sup>1</sup> In some cases, Reading and Conference: [Topic] (SOC 605) must be taken for a grade. Consult with the graduate coordinator.

## Doctor of Philosophy Degree Requirements

| Code                             | Title        | Credits   |
|----------------------------------|--------------|-----------|
| Graduate-level sociology courses |              | 75        |
| Dissertation                     |              | 18        |
| SOC 603                          | Dissertation |           |
| <b>Total Credits</b>             |              | <b>93</b> |

## Master's-Level Requirements

Students typically complete 55 credits of master's-level requirements in the first six terms of full-time work. Students are awarded a master's degree if they have completed their required courses, achieved a mid-B or better average in their graded courses, and passed the master's paper requirement. Students who enter with a master's degree in sociology may request substitution of as many as five courses from their previous institutions to meet programmatic requirements.

## Doctoral-Level Requirements

After earning the master's degree, students take an additional 20 credits of doctoral-level course work and prepare for a comprehensive examination in a sociological subfield chosen jointly by the student and the advisor.

Upon passing the comprehensive examination, the student is advanced to PhD candidacy and begins work on the doctoral dissertation. The final product is a book-length manuscript presenting empirical research that demonstrates originality and the scholar's ability to conduct independent investigation.

## Women's, Gender, and Sexuality Studies

### Gabriela Martínez, Department Head

541-346-1997  
315 Hendricks Hall  
1298 University of Oregon  
Eugene, Oregon 97403-1298  
wgs@uoregon.edu

The Department of Women's, Gender, and Sexuality Studies offers students an interdisciplinary curriculum that focuses on the diverse experiences of women in both national and international contexts. The department also examines the meaning of gender as a socially constructed category that shapes personal identities, beliefs, opportunities, and behaviors. The wide range of courses explores the intersections of gender, race, class, and sexuality; the institutional structures that have an impact on women's and men's lives; and the broad range of feminist theory that seeks to explain and influence women's status in society. Among the areas of emphasis in women's, gender, and sexuality studies are gender and sexuality, queer studies,

third-world feminism, cultural representation and literature, women and labor, feminist theory, critical race feminism, immigration and citizenship, and social activism.

Core and affiliated faculty members in the department come from a wide range of disciplinary perspectives including history, literature, anthropology, sociology, geography, environmental studies, ethnic studies, philosophy, religious studies, architecture and fine arts, music, Romance and Germanic languages, political science, public policy, and law.

Any student may take women's, gender, and sexuality studies courses. Some students take a few courses to complement the curriculum in another major. Others choose to fulfill the requirements for a major in women's, gender, and sexuality studies or a minor in women's, gender, and sexuality studies or in queer studies.

## Faculty

Oluwakemi Balogun, associate professor (globalization, nationalism, African studies). BA, 2003, Pomona College; PhD, 2012, California, Berkeley. (2013)

Jamie M. Bufalino, senior instructor (gender and sexuality in US history, history of feminism, US consumer culture). See **History**.

Ana-Maurine Lara, associate professor (Black feminisms, decolonial theories and methodologies, speculative fiction and poetry). BA, 1997, Harvard-Radcliffe University; MA, 2012, Yale University; PhD, 2014, Yale University. (2015)

Isabel Millán, assistant professor (Latino and Chicano studies, transnational feminism, women and queer of color theory). BA, 2004, California, Santa Barbara; MA, 2007, San Francisco State; PhD, 2013, Michigan, Ann Arbor. (2018)

Judith Raiskin, associate professor (postcolonial literature, feminist theory, sexuality). BA, 1979, California, Berkeley; MA, 1981, Chicago; PhD, 1989, Stanford. (1995)

Yvette Saavedra, assistant professor (Chicana/o history, US history, gender and sexuality history). BA, 2001, Pitzer College; MA, 2003, University of Texas, El Paso; PhD, 2013, University of Texas, El Paso. (2019)

Carol Stabile, professor (gender, race, and class in the media). AB, 1983, Mount Holyoke College; MA, 1985, PhD, 1992, Brown. (2008)

## Emerita

Barbara Corrado Pope, professor emerita. BA, 1964, Hiram; MA, 1966, Iowa; PhD, 1981, Columbia. (1976)

Linda O. Fuller, professor emerita. BA, 1966, MA, 1977, PhD, 1985, California, Berkeley. (1989)

Elizabeth Reis, professor emerita. AB, 1980, Smith; MA, 1982, Brown; PhD, 1991, California, Berkeley. (2002)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Affiliated

Shabnam Ahktari, mathematics  
Yvette Alex-Assensoh, political science

Susan C. Anderson, German and Scandinavian  
Erin Beck, political science  
Sonja Boos, German and Scandinavian  
Yvonne Braun, international studies  
Charise Cheney, ethnic studies  
Krista Chronister, counseling psychology and human services  
Carolyn Craig, Research Compliance Services  
Lynn Fujiwara, ethnic studies  
Alison Gash, political science  
Amalia Gladhart, Romance languages  
Bryna Goodman, history  
Michael Hames-Garcia, ethnic studies  
Julie Heffernan, education studies  
Ellen Herman, history  
Sara Hodges, psychology  
Jocelyn Hollander, sociology  
Lamia Karim, anthropology  
Kate Kelp-Stebbins, English  
Rebecca Linder, honors college  
Sharon Luk, ethnic studies  
Kathryn A. Lynch, environmental studies  
Bonnie Mann, philosophy  
Erin McKenna, philosophy  
Michelle McKinley, law  
Kate Mondloch, history of art and architecture  
Dorothee Ostmeier, German and Scandinavian  
Eileen M. Otis, sociology  
C. J. Pascoe, sociology  
Scott L. Pratt, philosophy  
Alai Reyes-Santos, ethnic studies  
Camisha Russell, philosophy  
Ellen Scott, sociology  
Carol T. Silverman, anthropology  
Gretchen Soderlund, journalism and communication  
Beata Stawarska, philosophy  
Leslie H. Steeves, journalism and communication  
Lynn Stephen, anthropology  
Analisa Taylor, Romance languages  
Courtney Thorsson, English  
Jessica Vasquez-Tokos, sociology  
Jo Weaver, international studies  
Elizabeth A. Wheeler, English  
Frances J. White, anthropology  
Mary E. Wood, English

## Undergraduate Programs

### Major - Bachelor's Degree

- Women's, Gender, and Sexuality Studies (BA/BS)  
(p. 413)

### Minors

- Queer Studies (p. 416)
- Women's, Gender, and Sexuality Studies (p. 416)

## Graduate Programs

### Certificate

- Women's, Gender, and Sexuality Studies (p. 417)



## Women's, Gender, and Sexuality Studies (BA/BS)

The major in women's, gender, and sexuality studies explores gender and sexuality in all areas of life – political, cultural, economic and bodily dimensions. Through interdisciplinary courses, students examine how gender, race, class, sexualities, and abilities shape personal identities, beliefs, opportunities, and behaviors. They also explore multiple dimensions of power in courses on black feminist theories, transnational feminisms, and feminist histories, literature and the arts. The department is committed to critical views and ideas that encourage possibilities for transformation and change.

In the Department of Women's, Gender, and Sexuality Studies, students challenge the status quo by asking questions of themselves and the communities and worlds around them. The department's majors revisit and revise histories, understand and evaluate economic disparities, and through creative problem solving, learn to effect social change.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop a broad understanding of feminist studies, histories, and theories through interdisciplinary, intersectional, and transnational conceptual lenses.
- Develop skills in critical thinking and analysis through feminist research and methods.
- Communicate complex information and ideas (e.g., feminist theory) in a written manner that is clear and accessible.
- Apply feminist knowledge and skills to real-world problems in order to participate in social justice activism and civic engagement.

### Women's, Gender, and Sexuality Studies Major Requirements

| Code                                        | Title                                          | Credits |
|---------------------------------------------|------------------------------------------------|---------|
| WGS 101                                     | Introduction to Women's and Gender Studies     | 4       |
| Select two of the following:                |                                                | 8       |
| WGS 201                                     | Introduction to Queer Studies                  |         |
| WGS 221                                     | Bodies and Power                               |         |
| WGS 250                                     | Gender, Literature, and Culture                |         |
| WGS 251                                     | Transnational and Indigenous Feminisms         |         |
| WGS 261                                     | Gender and Popular Culture                     |         |
| Select eight of the following: <sup>1</sup> |                                                | 32      |
| WGS 303                                     | Women and Gender in American History           |         |
| WGS 315                                     | History and Development of Feminist Theory     |         |
| WGS 321                                     | Feminist Perspectives: Identity, Race, Culture |         |
| WGS 322                                     | Queer Theory                                   |         |
| WGS 331                                     | Science, Technology, and Gender                |         |
| WGS 341                                     | Women, Work, and Class                         |         |
| WGS 350                                     | Literature as Feminist Theory                  |         |
| WGS 351                                     | Decolonial Feminisms                           |         |
| WGS 361                                     | Gender, Film, and the Media                    |         |
| WGS 407                                     | Seminar: [Topic]                               |         |

|                      |                                       |           |
|----------------------|---------------------------------------|-----------|
| WGS 409              | Terminal Project                      |           |
| WGS 421              | Bodies and Embodiment                 |           |
| WGS 422              | Sexuality Studies: [Topic]            |           |
| WGS 432              | Gender, Environment, and Development  |           |
| WGS 450              | Literature and Feminist World-Making  |           |
| WGS 451              | Global Perspectives on Gender [Topic] |           |
| WGS 411              | Feminist Praxis <sup>2</sup>          | 4         |
| <b>Total Credits</b> |                                       | <b>48</b> |

<sup>1</sup> Students may choose one of two options to satisfy the eight-course requirement:

- Choose three 300-level courses and five 400-level courses
- Choose four 300-level courses and four 400-level courses

<sup>2</sup> Offered fall term only.

Graded courses in the major must be completed with grades of C– or higher. No more than 8 credits taken pass/no pass in these courses may be counted toward the major.

At least 36 credits must be in upper-division courses; of those 36 credits, as many as 12 may be approved in other subject codes with advisor approval. At least 16 credits applied to the major must be taken at the University of Oregon. Women's, gender, and sexuality studies (WGS) majors must attain a grade point average of 2.50 or higher in courses applied to the major. No more than 8 credits from another major or minor may count toward the major.

### Senior Honors Thesis

Students interested in producing a substantial piece of original research and writing may elect to write a senior thesis in women's, gender, and sexuality studies.

To be eligible to write an honors thesis, students should have a cumulative GPA of 3.50 in WGS courses. Students who satisfy the major requirements, maintain throughout their undergraduate studies at Oregon a GPA of 3.50 or above in courses in the major, and submit a copy of the honors thesis approved by their committee to the department receive a baccalaureate degree with honors in women's, gender, and sexuality studies.

### Thesis Criteria

A thesis must be based on a student's original research. Depending on the discipline, it can be a written paper that presents the results of the research. Theses average between 30 and 50 pages, including notes and bibliographies.

Only theses that meet the following criteria will be approved and awarded honors:

- Identifies a clear and original topic or research question
- Demonstrates knowledge of the literature concerning that topic or research question in the field of gender studies by reviewing that body of literature and providing a substantive bibliography
- Provides an analysis of the topic or research question, using clearly identified methodology
- It uses the citational style appropriate to its disciplinary focus
- The thesis is mindful of the relationships among gender, race, class, ability, and national identity as these pertain to the object of study

Students producing a senior thesis should expect to do the following work over the course of a full year prior to their graduation. In the spring and summer before the thesis writing begins, students need to identify a primary advisor (first reader) and a second reader, both of whom are either a faculty member in the department or an affiliated faculty member (see faculty list). If an affiliated faculty member is the first reader, then the instructor of Reading and Conference: [Topic] (WGS 405) will be the second reader.

In fall, students should register for Reading and Conference: [Topic] (WGS 405) (1–4 variable credits) with their thesis advisor and submit a timeline for completion of the thesis to the thesis advisor.

By the end of the fall term, students should complete a draft of a research proposal that is five to eight pages in length and includes a literature review, a short section on the methods that will be used, research questions or a thesis statement (depending on the discipline), and a bibliography.

Research proposals must be approved by the thesis advisor and a copy must be submitted to the department. If an affiliate faculty member is the thesis advisor, the proposal must be approved by the student's primary advisor in the department as well.

In winter, students should register for Thesis (WGS 403). Using the timeline submitted in the fall, students spend winter term conducting research and writing the thesis in consultation with their advisor. By the end of winter term, research should be complete and thesis writing should be significantly underway.

In spring, students write, revise, and produce a final draft of the thesis following the timeline submitted in the fall. By no later than the end of the fifth week of the term, students must submit their final thesis to their departmental advisor, their affiliate advisor, or both. Upon approval, students must submit a copy of their final thesis to the department head.

The student's performance on the thesis and on courses taken during the senior year will be reviewed before the honors distinction is granted. Obtain complete instructions and required forms from the department office.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

*The degree plan shows courses that are solely within the department (subject code WGS) and suggestions for arranging general-education courses, language courses, and mathematics courses. The plans below do not necessarily include sufficient courses to meet the 180-credit minimum to graduate.*

*It is suggested that students look for courses that meet the multicultural requirements when taking general-education requirements.*

## Bachelor of Arts in Women's and Gender Studies

| Course            | Title                                      | Credits | Milestones |
|-------------------|--------------------------------------------|---------|------------|
| <b>First Year</b> |                                            |         |            |
| <b>Fall</b>       |                                            |         |            |
| WGS 101           | Introduction to Women's and Gender Studies | 4       |            |

|                                           |                      |           |  |
|-------------------------------------------|----------------------|-----------|--|
| PEMA 116                                  | Women's Self Defense | 2         |  |
| WR 121Z                                   | Composition I        | 4         |  |
| Core-education course in arts and letters |                      | 4         |  |
| <b>Credits</b>                            |                      | <b>14</b> |  |
| <b>Winter</b>                             |                      |           |  |
| WR 122Z                                   | Composition II       | 4         |  |
| WGS 200-level course                      |                      | 4         |  |
| Core-education course in social science   |                      | 4         |  |
| Lower-division elective course            |                      | 4         |  |
| <b>Credits</b>                            |                      | <b>16</b> |  |
| <b>Spring</b>                             |                      |           |  |
| 200-level course with WGS subject code    |                      | 4         |  |
| Core-education course in arts and letters |                      | 4         |  |
| Core-education course in science          |                      | 4         |  |
| Lower-division elective course            |                      | 4         |  |
| <b>Credits</b>                            |                      | <b>16</b> |  |
| <b>Total Credits</b>                      |                      | <b>46</b> |  |

| Course                                             | Title | Credits   | Milestones                         |
|----------------------------------------------------|-------|-----------|------------------------------------|
| <b>Second Year</b>                                 |       |           |                                    |
| <b>Fall</b>                                        |       |           |                                    |
| 300-level course with WGS subject code             |       | 4         |                                    |
| First term of first-year second-language sequence  |       | 5         |                                    |
| Core-education course in arts and letters          |       | 4         |                                    |
| Elective physical education course                 |       | 1         |                                    |
| <b>Credits</b>                                     |       | <b>14</b> |                                    |
| <b>Winter</b>                                      |       |           |                                    |
| 300-level course with WGS subject code             |       | 4         |                                    |
| Second term of first-year second-language sequence |       | 5         |                                    |
| Core-education course in science                   |       | 4         |                                    |
| Elective physical education course                 |       | 1         |                                    |
| <b>Credits</b>                                     |       | <b>14</b> |                                    |
| <b>Spring</b>                                      |       |           |                                    |
| 300-level course with WGS subject code             |       | 4         | Apply for departmental scholarship |
| Third term of first-year second-language sequence  |       | 5         |                                    |
| Core-education course in social science            |       | 4         |                                    |
| Core-education course in science                   |       | 4         |                                    |
| <b>Credits</b>                                     |       | <b>17</b> |                                    |
| <b>Total Credits</b>                               |       | <b>45</b> |                                    |

| Course                                                                               | Title | Credits   | Milestones |
|--------------------------------------------------------------------------------------|-------|-----------|------------|
| <b>Third Year</b>                                                                    |       |           |            |
| <b>Fall</b>                                                                          |       |           |            |
| Upper-division elective course with WGS subject code or approved cross-listed course |       | 4         |            |
| First term of second-year second-language sequence                                   |       | 4         |            |
| Core-education course in arts and letters                                            |       | 4         |            |
| Elective course                                                                      |       | 4         |            |
| <b>Credits</b>                                                                       |       | <b>16</b> |            |
| <b>Winter</b>                                                                        |       |           |            |
| 400-level course with WGS subject code                                               |       | 4         |            |

Second term of second-year second-language sequence 4

Core-education course in social science 4

**Credits 12**

#### Spring

400-level course with WGS subject code 4

Third term of second-year second-language sequence 4

Core-education course in science 4

Elective course 4

**Credits 16**

**Total Credits 44**

**Course Title Credits Milestones**

#### Fourth Year

##### Fall

WGS 411 Feminist Praxis 4

Elective courses 12

**Credits 16**

##### Winter

400-level course with WGS subject code or approved cross-listed course 4

Elective courses 12

**Credits 16**

##### Spring

400-level course with WGS subject code or approved cross-listed course 4

Elective courses 12

**Credits 16**

**Total Credits 48**

## Bachelor of Science in Women's and Gender Studies

**Course Title Credits Milestones**

#### First Year

##### Fall

WGS 101 Introduction to Women's and Gender Studies 4

WR 121Z Composition I 4

Core-education course in arts and letters 4

Lower Elective Course such as PEMA 116 2

**Credits 14**

##### Winter

200 level WGS course 4

WR 122Z Composition II 4

Core-education course in social science 4

Lower Division Elective course 4

**Credits 16**

##### Spring

200 level WGS course 4

Core-education course in arts and letters 4

Core-education course in science 4

Lower Division Elective course 4

**Credits 16**

**Total Credits 46**

**Course Title Credits Milestones**

#### Second Year

##### Fall

300 level WGS course 4

Mathematics or computer science course 4

Core-education course in arts and letters 4

Lower Division Elective Course such as PE 1

**Credits 13**

##### Winter

300 level WGS course 4

Mathematics or computer science course 4

Core-education course in science 4

Lower Division Elective Course such as PE 1

**Credits 13**

##### Spring

300 level WGS course 4

Mathematics or computer science course 4

Core-education course in social science 4

Core-education course in science 4

**Credits 16**

**Total Credits 42**

**Course Title Credits Milestones**

#### Third Year

##### Fall

Upper Division WGS Course or Approved Cross-Listed 4

Mathematics or computer science course 4

Core-education course in arts and letters 4

Elective course 4

**Credits 16**

##### Winter

400 Level WGS Course 4

Elective course 4

Core-education course in social science 4

**Credits 12**

##### Spring

400 Level WGS Course 4

Core-education course in science 4

Elective Course 4

Elective Course 4

**Credits 16**

**Total Credits 44**

**Course Title Credits Milestones**

#### Fourth Year

##### Fall

WGS 411 Feminist Praxis 4

|                                                      |    |
|------------------------------------------------------|----|
| Three Elective Courses                               | 12 |
| Credits                                              | 16 |
| Winter                                               |    |
| 400 level WGS Course or Approved Cross-Listed Course | 4  |
| Elective courses                                     | 12 |
| Credits                                              | 16 |
| Spring                                               |    |
| 400 level WGS Course or Approved Cross-Listed Course | 4  |
| Three Elective Courses                               | 12 |
| Credits                                              | 16 |
| Total Credits                                        | 48 |

## Women's, Gender, and Sexuality Studies Minor

Students must apply for the WGSS minor in the Women's, Gender, and Sexuality Studies office well in advance of graduation for transcript evaluation.

### Women's, Gender, and Sexuality Studies Minor Requirements

| Code                                        | Title                                          | Credits |
|---------------------------------------------|------------------------------------------------|---------|
| WGS 101                                     | Introduction to Women's and Gender Studies     | 4       |
| Select one of the following:                |                                                | 4       |
| WGS 201                                     | Introduction to Queer Studies                  |         |
| WGS 221                                     | Bodies and Power                               |         |
| WGS 250                                     | Gender, Literature, and Culture                |         |
| WGS 251                                     | Transnational and Indigenous Feminisms         |         |
| Select three of the following: <sup>1</sup> |                                                | 12      |
| WGS 303                                     | Women and Gender in American History           |         |
| WGS 315                                     | History and Development of Feminist Theory     |         |
| WGS 321                                     | Feminist Perspectives: Identity, Race, Culture |         |
| WGS 322                                     | Queer Theory                                   |         |
| WGS 331                                     | Science, Technology, and Gender                |         |
| WGS 341                                     | Women, Work, and Class                         |         |
| WGS 350                                     | Literature as Feminist Theory                  |         |
| WGS 351                                     | Decolonial Feminisms                           |         |
| WGS 361                                     | Gender, Film, and the Media                    |         |
| WGS 407                                     | Seminar: [Topic]                               |         |
| WGS 409                                     | Terminal Project                               |         |
| WGS 411                                     | Feminist Praxis <sup>2</sup>                   |         |
| WGS 421                                     | Bodies and Embodiment                          |         |
| WGS 422                                     | Sexuality Studies: [Topic]                     |         |
| WGS 432                                     | Gender, Environment, and Development           |         |
| WGS 450                                     | Literature and Feminist World-Making           |         |
| WGS 451                                     | Global Perspectives on Gender [Topic]          |         |

|                                                                                                   |    |
|---------------------------------------------------------------------------------------------------|----|
| Choose one 300- or 400-level WGS elective or an advisor-approved course with another subject code | 4  |
| Total Credits                                                                                     | 24 |

### Additional Requirements

1. No more than 8 credits may be taken pass/no pass.
2. All graded courses in the major must be completed with grades of C– or higher.
3. At least 16 credits applied to the major must be taken at the University of Oregon.
4. No more than 8 credits from another major or minor may count toward the major.

Graded courses in the minors must be completed with grades of C– or higher. No more than 8 credits taken pass/no pass in these courses may be counted toward the minors.

A minimum of 16 credits applied to the minors must be taken at the University of Oregon. No more than 8 credits from other majors or minors may count toward the minors for women's, gender, and sexuality studies and queer studies.

## Queer Studies Minor

The Queer studies minor introduces students to a dynamic, interdisciplinary field that explores lesbian, gay, bisexual, and transgender lives, and the evolving landscape of gender, sexualities, and identities. Queer studies courses help students understand the diversity of LGBTQ communities, the history and present conditions of sexual identity formation, the function of ideologies of sexuality, and how homophobia and transphobia's interact with racism, colonialism, sexism, ableism, classism and other forms of power.

### Queer Studies Minor Requirements

| Code                                                                                           | Title                                                      | Credits |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------|
| WGS 201                                                                                        | Introduction to Queer Studies                              | 4       |
| Select one of the following:                                                                   |                                                            | 4       |
| WGS 221                                                                                        | Bodies and Power                                           |         |
| WGS 250                                                                                        | Gender, Literature, and Culture                            |         |
| WGS 251                                                                                        | Transnational and Indigenous Feminisms                     |         |
| Select one of the following:                                                                   |                                                            | 4       |
| WGS 322                                                                                        | Queer Theory                                               |         |
| WGS 422                                                                                        | Sexuality Studies: [Topic] (repeatable when topic changes) |         |
| Select one queer studies course (with the QST subject code) at any level—100. 200. 300. or 400 |                                                            | 4       |
| Select two 300- or 400-level queer studies courses (with the QST subject code)                 |                                                            | 8       |
| Total Credits                                                                                  |                                                            | 24      |

Students wishing to minor in queer studies should consult frequently with a women's, gender, and sexuality studies advisor to determine which courses offered during any given academic year will count toward the fulfillment of credits.

Students must apply for the queer studies minor in the women's, gender, and sexuality studies office well in advance of graduation for transcript evaluation. In order to be eligible for the minor, students must complete

all degree requirements and a major in women's, gender, and sexuality studies or another academic department.

## Women's, Gender, and Sexuality Studies Graduate Certificate

Whether pursuing an academic career path, a career in law or social justice, industry, government, or the nonprofit sector, a graduate certificate in women's and gender studies offers students knowledge and research skills well-suited to employment and citizenship in an increasingly diverse and global world.

The University of Oregon's WGSS graduate certificate program is interdisciplinary, intersectional, and international in its orientation. The certificate provides graduate students enrolled in UO departments with training in intersectional feminist scholarship and theory, as well as opportunities to teach undergraduate courses in WGSS (enrolled certificate students will receive preference in their applications for WGSS GTFs and summer teaching) and to explore research opportunities with UO's Center for the Study of Women in Society.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge of intersectional and interdisciplinary feminist theories and scholarship.
- Demonstrate competence with feminist practices and methodologies.
- Demonstrate knowledge of feminist pedagogies.
- Communicate an understanding of current events and issues shaping and impacting WGSS or WGSS-related fields.

### Graduate Certificate Requirements

| Code                                                       | Title                                        | Credits   |
|------------------------------------------------------------|----------------------------------------------|-----------|
| <b>Core Courses</b>                                        |                                              |           |
| WGS 615                                                    | Contemporary Feminist Theory                 | 5         |
| Select WGS courses totaling 12 credits from the following: |                                              | 12        |
| WGS 507                                                    | Seminar: [Topic]                             |           |
| WGS 511                                                    | Feminist Praxis                              |           |
| WGS 521                                                    | Bodies and Embodiment                        |           |
| WGS 522                                                    | Sexuality Studies: [Topic]                   |           |
| WGS 532                                                    | Gender, Environment, and Development         |           |
| WGS 550                                                    | Literature and Feminist World-Making         |           |
| WGS 551                                                    | Global Perspectives on Gender [Topic]        |           |
| WGS 605                                                    | Reading and Conference: [Topic] <sup>1</sup> |           |
| WGS 607                                                    | Seminar: [Topic]                             |           |
| WGS 606                                                    | Practicum: [Topic] <sup>1</sup>              |           |
| <b>Other Courses</b>                                       |                                              |           |
| Approved graduate courses in WGS or other departments      |                                              | 7         |
| <b>Total Credits</b>                                       |                                              | <b>24</b> |

<sup>1</sup> Indicates a variable-credit course. The student must declare the credit value upon registering online—e.g., Practicum: [Topic] (WGS 606).

### Additional Requirements

No more than 4 credits in Reading and Conference: [Topic] (WGS 605) and Practicum: [Topic] (WGS 606) can be applied to the certificate.

No more than 8 credits may be taken pass/no pass without specific approval.

Applicants should arrange an appointment with the graduate advisor.



# Robert Donald Clark Honors College

---

<http://honors.uoregon.edu> (<http://honors.uoregon.edu/>)

## Carol Stabile, Acting Dean

108 Chapman Hall  
1293 University of Oregon  
Eugene, Oregon 97403-1293  
[honors@uoregon.edu](mailto:honors@uoregon.edu)

The Clark Honors College provides curious and motivated students with a broad-based liberal arts education that combines challenging academic coursework with hands-on learning experiences, internships, research, and other opportunities that allow them to develop skills that will support their individual career goals. Our award-winning faculty and staff empower students and help them develop into critical thinkers, excellent communicators, and future leaders so they can help find solutions to some of the world's most urgent issues.

Clark Honors College is a community rich with diverse perspectives and opinions, reflected in the make-up of faculty, staff, and students, and the content of curriculum and programming. We offer small classes capped at 19 students. Our students learn from a curriculum taught primarily by core faculty who are dedicated to teaching excellence, pedagogical innovation, and student success. Our interdisciplinary curriculum emphasizes critical thinking, strong written and oral communication skills, collaboration, and problem-solving through coursework and special degree and course opportunities, and support for the research-informed pedagogy that teaches these skills.

## Faculty

Dare Baldwin, Professor, Psychology

Corinne Bayerl, Senior Instructor I, Comparative Literature, German/Scandinavian

Anita Chari, Associate Professor, Political Science

Nicole Dudukovic, Senior Instructor I, Neurosciences Major Director, Psychology

Daphne Gallagher, Senior Instructor I, Clark Honors College

Alison Gash, Associate Professor, Political Science

Lindsay Hinkle, Instructor, Clark Honors College

Trond Jacobsen, Instructor, Director of Forensics, Clark Honors College

Ian McNeely, Professor, History, European Studies, German & Scandinavian

Brian McWhorter, Professor, School of Music and Dance

Michael Moffitt, Professor, School of Law

Kate Mondloch, Professor, History of Art & Architecture

Barbara Mossberg, Professor of Practice in Literature, Clark Honors College

Lisa Munger, Instructor, Clark Honors College

Carol Paty, Professor, Earth Sciences, Physics

Elizabeth Raisanen, Officer of Admin, Clark Honors College

Angela Rovak, Office of Admin, Clark Honors College

Casey Shoop, Senior Instructor I, Clark Honors College

Carol Stabile, Professor, Women & Gender Studies

Lisa Wolverton, Professor, History

## Emeritus Faculty

Henry M. Alley, Professor emeritus.

Louise M. Bishop, Associate Professor emerita.

Joseph G. Fracchia, Professor emeritus.

David Frank, Professor emeritus.

Roxann Prazniak, Professor emerita.

## Academic Requirements

Requirements in the honors college satisfy the core-education requirements that other University of Oregon students meet for graduation. Honors college faculty and professional advisors advise honors college students concerning these requirements and mentor them concerning their academic choices. Students retain full responsibility for understanding and shaping their study programs.

Depending on test scores, students may use advanced placement or international baccalaureate credits as well as transfer credits from other higher education institutions toward honors college outside course requirements, second-language requirements, applicable major requirements, cultural literacy requirements, or university electives. To earn a BS degree, students must complete one year of college-level mathematics or the equivalent. Advanced placement, international baccalaureate, and transfer credits may help fulfill either such a math requirement or the language requirement.

## University and Major Requirements

Honors college requirements, which replace university core-education requirements, represent roughly one-third of a student's total four-year schedule. Before graduating, Clark Honors College students must also meet the requirements, listed elsewhere in this catalog, of their major department or professional school. They must maintain a 3.00 or better cumulative grade point average (GPA).

Clark Honors College students who have completed the CHC#core#education requirements (HC 101H, 221H, 231H, 241H, and 301H; Area of Inquiry approved courses outside the CHC in Arts and Letters, Social Science, and Science (one course in each area); an approved quantitative reasoning course; and 20 credits in upper division CHC Colloquia) have fulfilled the university's Area of Inquiry requirements. Should a student leave the CHC after successful completion of all of these requirements, the student will retain their clearance of the university's Area of Inquiry requirements.

## Honors College Degree Requirements

| Code                                                                                                                                                                                                                        | Title                                               | Credits  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------|
| <b>Foundations in Liberal Arts Inquiry</b>                                                                                                                                                                                  |                                                     |          |
| HC 101H                                                                                                                                                                                                                     | Liberal Arts: [Topic]                               | 4        |
| <b>200-level Disciplinary Requirements</b>                                                                                                                                                                                  |                                                     |          |
| HC 221H                                                                                                                                                                                                                     | Arts and Letters Inquiry: [Topic]                   | 4        |
| HC 231H                                                                                                                                                                                                                     | Social Science Inquiry: [Topic]                     | 4        |
| HC 241H                                                                                                                                                                                                                     | Scientific Inquiry: [Topic]                         | 4        |
| <b>Research and Writing Requirement</b>                                                                                                                                                                                     |                                                     |          |
| HC 301H                                                                                                                                                                                                                     | Research and Writing: [Topic]                       | 4        |
| <b>Outside Course Requirements</b>                                                                                                                                                                                          |                                                     |          |
| One course in quantitative reasoning or mathematics from the UO approved Bachelor of Science list                                                                                                                           |                                                     | 4        |
| One additional Science course from the UO approved Areas of Inquiry list                                                                                                                                                    |                                                     | 4        |
| One additional Social Science course from the UO approved Areas of Inquiry list                                                                                                                                             |                                                     | 4        |
| One additional Arts and Letters course from the UO approved Areas of Inquiry list                                                                                                                                           |                                                     | 4        |
| <b>Second-Language Requirements <sup>1</sup></b>                                                                                                                                                                            |                                                     |          |
| Demonstrate second-language proficiency equivalent to completion of second college year in second language; satisfy all requirements in university department, program, or school that offers a major leading to a BA or BS |                                                     |          |
| <b>Cultural Literacy Requirements</b>                                                                                                                                                                                       |                                                     | <b>8</b> |
| University cultural literacy requirement <sup>2</sup>                                                                                                                                                                       |                                                     |          |
| <b>Colloquia Requirements <sup>7</sup></b>                                                                                                                                                                                  |                                                     |          |
| HC 421H                                                                                                                                                                                                                     | Honors College Arts and Letters Colloquium: [Topic] | 4        |
| HC 431H                                                                                                                                                                                                                     | Honors College Social Science Colloquium: [Topic]   | 4        |
| HC 441H                                                                                                                                                                                                                     | Honors College Science Colloquium: [Topic]          | 4        |
| Any two additional colloquia <sup>4</sup>                                                                                                                                                                                   |                                                     | 8        |
| <b>Thesis Requirements</b>                                                                                                                                                                                                  |                                                     |          |
| HC 277H                                                                                                                                                                                                                     | Thesis Orientation                                  | 2        |
| HC 477H                                                                                                                                                                                                                     | Thesis Prospectus <sup>3</sup>                      | 2        |
| Successful completion and defense of a thesis                                                                                                                                                                               |                                                     |          |

<sup>1</sup> The second-language requirement is waived if a department, program, or school requires 90 or more credits of course work for a major leading to a BS degree (see Majors, Degrees, and Contexts Waiving Second-Language Requirements list). No case exists in which Clark Honors College language requirements replace departmental language requirements.

<sup>2</sup> Designated honors college colloquia carry a supplemental course number if they satisfy one of the below categories—, Honors College Global Perspectives Colloquium: [Topic] (HC 434H), HC US: Difference, Inequality, Agency Colloquium: [Topic] (HC 444H)—or any approved (p. 45) UO courses may be used to satisfy the multicultural/cultural literacy requirement.

<sup>3</sup> Course taken at least one term before intended graduation to formalize the thesis project.

<sup>4</sup> Students may substitute four credits of independent thesis research (401, 403, 405, or other course numbers as applicable), taken within or outside the honors college, in place of an elective colloquium. Independent research credits may be taken P/NP

## Majors, Degrees, and Contexts Waiving Second-Language Requirement

An up-to-date list that includes newly added majors is available on the CHC website.

- Accounting
- Biology
- Business administration
- Biochemistry
- Chemistry
- Computer science
- Data science
- Earth sciences
- Environmental science
- Environmental studies
- General science
- Human physiology
- Math and computer science
- Marine biology
- Multidisciplinary science
- Music, only in cases in which the second language is not a requirement for the student's chosen degree (Note: The second language requirement is not waived for General Music and Popular Music concentrations)
- Bachelor of Music in Music Education
- Music Composition
- Music Performance
- Music Technology
- Neuroscience
- Jazz Studies
- Physics
- Product design
- Bachelor of architecture
- Bachelor of interior architecture
- Bachelor of landscape architecture
- Students pursuing a bachelor of fine arts degrees (students must still fulfill the BFA Language or Math/Science Requirement)

## Writing

The honors college is committed to excellence in writing. The core curriculum integrates instruction and practice in fundamental rhetorical skills—writing, reading, speaking, and listening—with the subject matter of the courses. If they choose to leave the honors college, students who pass HC 101H with the minimum grade of C- or P have completed the university's Writing 121 requirement. Students who pass HC 221H with the minimum grade of C- or P have completed the university's Writing 122/23 requirement.

## Four-Year Degree Plan

*The degree plan shown is only an example of how students may complete their degrees in four years. There are alternative ways to*

navigate the CHC curriculum. Students should consult their advisor to determine the best path for them. The Robert D. Clark Honors College is not a major. Students who follow the honors college curriculum fulfill all of the University of Oregon's core education requirements. Honors college requirements must be taken for a letter grade, unless pass/no pass is the only option. In addition, only courses passed with grades of C– or better will fulfill honors college requirements.

Bachelor of Arts

| Course                                             | Title                                                  | Credits | Milestones |
|----------------------------------------------------|--------------------------------------------------------|---------|------------|
| First Year                                         |                                                        |         |            |
| Fall                                               |                                                        |         |            |
| HC 101H                                            | Liberal Arts: [Topic]                                  | 4       |            |
| First term of first-year second-language sequence  |                                                        |         | 5          |
| Quantitative Reasoning Course                      | Non-HC course with >4 or >5 core education designation | 4       |            |
| Elective or Major Course                           |                                                        |         | 4          |
| Credits                                            |                                                        |         | 17         |
| Winter                                             |                                                        |         |            |
| HC 231H                                            | Social Science Inquiry: [Topic]                        | 4       |            |
| Second term of first-year second-language sequence |                                                        |         | 5          |
| Arts & Letters Course                              | Non-HC course with >1 core ed designation              | 4       |            |
| Elective or Major Course                           |                                                        |         | 4          |
| Credits                                            |                                                        |         | 17         |
| Spring                                             |                                                        |         |            |
| HC 221H                                            | Arts and Letters Inquiry: [Topic]                      | 4       |            |
| Third term of first-year second-language sequence  |                                                        |         | 5          |
| Social Science Course                              | Non-HC Course with >2 core ed designation              | 4       |            |
| Elective or Major Course                           |                                                        |         | 4          |
| Credits                                            |                                                        |         | 17         |
| Total Credits                                      |                                                        |         | 51         |

| Course                                             | Title                                                          | Credits | Milestones |
|----------------------------------------------------|----------------------------------------------------------------|---------|------------|
| Second Year                                        |                                                                |         |            |
| Fall                                               |                                                                |         |            |
| HC 241H                                            | Scientific Inquiry: [Topic] (HC Disciplinary Courses Complete) | 4       |            |
| First term of second-year second-language sequence |                                                                |         | 4          |
| Science Course                                     | Non - HC course with >3 or >4 core ed                          | 4       |            |

|                                                     |                               |                                |    |
|-----------------------------------------------------|-------------------------------|--------------------------------|----|
| Elective or Major Course                            |                               |                                | 4  |
| Credits                                             |                               |                                | 16 |
| Winter                                              |                               |                                |    |
| HC 301H                                             | Research and Writing: [Topic] | HC Research & Writing Complete | 4  |
| Second term of second-year second-language sequence |                               |                                | 4  |
| Elective and Major Courses                          |                               |                                | 8  |
| Credits                                             |                               |                                | 16 |
| Spring                                              |                               |                                |    |
| Third term of second-year second-language sequence  |                               |                                | 4  |
| Completion of HC second-language requiremer         |                               |                                |    |
| HC 277H                                             | Thesis Orientation            |                                | 2  |
| Elective and Major Courses                          |                               |                                | 8  |
| Credits                                             |                               |                                | 14 |
| Total Credits                                       |                               |                                | 46 |

| Course                     | Title                                               | Credits | Milestones |
|----------------------------|-----------------------------------------------------|---------|------------|
| Third Year                 |                                                     |         |            |
| Fall                       |                                                     |         |            |
| HC 421H                    | Honors College Arts and Letters Colloquium: [Topic] |         | 4          |
| Elective and Major Courses |                                                     |         | 12         |
| Credits                    |                                                     |         | 16         |
| Winter                     |                                                     |         |            |
| HC 431H                    | Honors College Social Science Colloquium: [Topic]   |         | 4          |
| Elective and Major Courses |                                                     |         | 12         |
| Credits                    |                                                     |         | 16         |
| Spring                     |                                                     |         |            |
| HC 477H                    | Thesis Prospectus                                   |         | 2          |
| Elective and Major Courses |                                                     |         | 12         |
| Credits                    |                                                     |         | 14         |
| Total Credits              |                                                     |         | 46         |

| Course                     | Title                                      | Credits | Milestones |
|----------------------------|--------------------------------------------|---------|------------|
| Fourth Year                |                                            |         |            |
| Fall                       |                                            |         |            |
| HC 441H                    | Honors College Science Colloquium: [Topic] |         | 4          |
| Elective and Major Courses |                                            |         | 12         |
| Credits                    |                                            |         | 16         |

**Winter**

|         |                                                                 |   |
|---------|-----------------------------------------------------------------|---|
| HC 421H | Honors College Arts and Letters                                 | 4 |
| or      | Colloquium: [Topic]                                             |   |
| HC 431H | or Honors College Social Science                                |   |
| or      | Colloquium: [Topic]                                             |   |
| HC 434H | or Honors College Global                                        |   |
| or      | Perspectives Colloquium: [Topic]                                |   |
| HC 441H | or Honors College Science                                       |   |
| or      | Colloquium: [Topic]                                             |   |
| HC 444H | or HC US: Difference, Inequality,<br>Agency Colloquium: [Topic] |   |

|                            |    |
|----------------------------|----|
| Elective and Major Courses | 12 |
|----------------------------|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

**Spring**

|         |                                                                 |   |
|---------|-----------------------------------------------------------------|---|
| HC 421H | Honors College Arts and Letters                                 | 4 |
| or      | Colloquium: [Topic] (Completion of HC                           |   |
| HC 431H | colloquium requirements)                                        |   |
| or      | or Honors College Social Science                                |   |
| HC 434H | Colloquium: [Topic]                                             |   |
| or      | or Honors College Global                                        |   |
| HC 441H | Perspectives Colloquium: [Topic]                                |   |
| or      | or Honors College Science                                       |   |
| HC 444H | Colloquium: [Topic]                                             |   |
|         | or HC US: Difference, Inequality,<br>Agency Colloquium: [Topic] |   |

|                |                    |
|----------------|--------------------|
| Thesis defense | Thesis<br>defended |
|----------------|--------------------|

|                            |    |
|----------------------------|----|
| Elective and Major Courses | 12 |
|----------------------------|----|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>16</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

# Charles H. Lundquist College of Business

---

## Bruce Blonigen

Edward Maletis Dean | Philip H. Knight Professor  
Lundquist College of Business  
1208 University of Oregon  
Eugene, OR 97403

Lillis Business Complex  
uobusiness@uoregon.edu

The Lundquist College of Business is an integral part of the University of Oregon, a comprehensive public research university committed to innovative teaching, discovery, and service. The college's mission is to

- Provide outstanding undergraduate education that combines a strong foundation in the liberal arts, excellence in traditional business disciplines, and experiential opportunities drawing on the strength of Oregon's distinctive qualities.
- Support economic development by offering master's programs associated with signature centers derived from Oregon's distinctive qualities, and by providing expert services to the Oregon community and beyond.
- Contribute to the advancement of business knowledge through scholarship and doctoral programs in accordance with the research mission of the university.

The Lundquist College of Business is a top-tier business school with a unique mission and vision that draws strength from its links to the Pacific Rim and the distinctive qualities of Oregon culture: innovation, sustainability, active lifestyles, and financial stewardship.

The Lundquist College is housed in the Lillis Business Complex, a striking state-of-the-art educational facility that is home to more than 200 faculty and staff members. The college enrolls more than 5,000 full-time undergraduate and graduate students and offers undergraduate degree programs in business administration and accounting, as well as MBA, Executive MBA, Master of Science in Sports Product Management, Master of Accounting, Master of Science in Finance, and PhD graduate programs.

These degree programs are supported by the School of Accounting and four departments in finance, management, marketing, and operations and business analytics. In addition, an important innovation in the college's approach to business education are the four centers of excellence (Center for Sustainable Business Practices, Warsaw Sports Marketing Center, Lundquist Center for Entrepreneurship, and Cameron Center for Finance and Securities Analysis) that advance a "learning by doing" approach to business education. The centers originate connections to industry that provide students with collaborative learning opportunities addressing real-time business issues and challenges.

The college is accredited by the Association to Advance Collegiate Schools of Business (AACSB), the highest accreditation standard for business schools internationally. Only 6 percent of the world's business schools are AACSB accredited and less than 2 percent are accredited in both business and accounting.

## Majors - Bachelor's Degree

- Accounting (BA/BS) (p. 424)
- Business Administration (BA/BS) (p. 427)

## Concentrations for Accounting and Business Administration

- Accounting (p. 431) (Business Administration major only)
- Entrepreneurship (p. 431)
- Finance (p. 431)
- Marketing (p. 431)
- Operations and Business Analytics (p. 431)
- Sports Business (p. 431)

## Minors

- Business Administration (p. 431)
- Entrepreneurship (p. 432)
- Sports Business (p. 433)
- Sustainable Business (p. 433)

## Certificate

- Global Business (p. 434)

---

## Business Premajor Admission

New students planning to earn a bachelor's degree in the Lundquist College of Business typically enter the university as business premajors. Transfer students and university students from other majors may become business premajors by submitting a Request for Addition or Deletion Major form, available in the Advising Office. Students who seek premajor status in business should meet with an advisor in the college if their GPA is below 3.00. Business premajors typically are not eligible to take most 300- and 400-level business courses. Business premajor status does not guarantee admission to the accounting or business administration major.

Admitted business premajors typically spend the first two years fulfilling general-education and premajor requirements.

## Premajor Requirements

- **Junior Standing.** Course work of 75 or more credits must be complete.
- **Cumulative GPA Requirement.** Guaranteed admission requires a 3.00 cumulative grade point average in college course work, including transfer work. The college includes all course work when calculating the cumulative GPA for admission to the major.
- **Holistic Review.** Students who have taken all required business premajor course work but fall slightly below the minimum GPA requirements may be considered for admission under a holistic review process. For more details, interested students may visit an academic advisor in 203 Peterson Hall.
- **English Competence.** International students must have a Test of English as a Foreign Language (TOEFL) score of at least 575 (paper-based test), 233 (computer-based test), 89 (internet-based test), an International English Language Testing System (IELTS) score of 7.0, or have completed the Academic English for International Students (AEIS) program.



## First-Year Direct Admission

Direct admission is only offered to first-year students who are entering in the fall term and list their intended major as business administration. The University of Oregon considers a number of factors when making direct admissions decisions, including high school GPA, strength of academic course work, test scores, and ability to enhance the diversity of the university. Students selected for direct admission will need to complete the lower-division course requirements but will not need to apply to the major like other students interested in business administration or accounting.

## Pre-Major Requirements

Premajor core business courses must be taken at the University of Oregon.

In addition, international students are required to take Academic English for International Students (AEIS) courses or produce English language proficiency test scores (575 on the TOEFL paper-based test, 89 on the TOEFL internet-based test, or 7.0 in the IELTS).

All courses must be taken for letter grades and passed with grades of C- or better.

| Code                                     | Title                                                                          | Credits   |
|------------------------------------------|--------------------------------------------------------------------------------|-----------|
| <b>Core Courses</b> <sup>1</sup>         |                                                                                |           |
| BA 101                                   | Introduction to Business                                                       | 4         |
| ACTG 211                                 | Introduction to Accounting I                                                   | 4         |
| ACTG 213                                 | Introduction to Accounting II                                                  | 4         |
| EC 201                                   | Introduction to Economic Analysis: Microeconomics                              | 4         |
| EC 202                                   | Introduction to Economic Analysis: Macroeconomics                              | 4         |
| <b>Additional Courses</b> <sup>2</sup>   |                                                                                |           |
| BA 240                                   | Spreadsheet Analysis and Visualization                                         | 4         |
| MATH 241                                 | Calculus for Business and Social Science I                                     | 4         |
| STAT 243Z                                | Elementary Statistics I                                                        | 4         |
| <b>College Compositions</b> <sup>2</sup> |                                                                                |           |
| WR 121Z<br>or HC 101H                    | Composition I<br>Liberal Arts: [Topic]                                         | 4         |
| WR 122Z<br>or WR 123<br>or HC 221H       | Composition II<br>College Composition III<br>Arts and Letters Inquiry: [Topic] | 4         |
| <b>Total Credits</b>                     |                                                                                | <b>40</b> |

<sup>1</sup> A 3.00 cumulative GPA (including both UO and transfer coursework) and a minimum grade of C- in core courses are required for guaranteed admission to the major. Premajor requirements must be taken for letter grades. The university limits retaking of courses in which a P or mid-C or better is earned; a petition is required. When repeating a core course, only the second grade is used in calculating the core GPA. Core courses may be repeated only once (including marks of W, N, F, D, C-).

<sup>2</sup> Must be taken for letter grades and passed with grades of C- or better.

## Application to the Major

Students seeking admission through the standard pathway must submit a formal application for admission to the major one term prior to enrolling

in upper-division business courses. Typically this takes place in the term they are completing their lower-division requirements. To be eligible for admission as a major, a student must apply before the term deadline. Applications are due the first week of the term for admission the following term. Applications are not accepted during summer session. Students who are completing their final term of business premajor requirements may submit applications.

The following documents are required for admission:

1. Completed application form (<https://business.uoregon.edu/ug/apply/major/>)
2. Academic transcripts or proof of enrollment
3. A cover letter and résumé
4. Short answer essays

## Definitions, Limitations, and Policies

### Transfer Students

The sequential nature of this program requires careful academic planning. Students who want to transfer to the college are encouraged to meet with an advisor in the Lundquist College of Business early in their academic careers. Students are admitted to the university as business pre-majors. Once admitted, they may apply for major status in accordance with the procedure described. Applications are due the first Friday of the term for admission the following term.

### Second Bachelor's Degree

A student who has a bachelor's or master's degree in a field of business administration may not earn a second bachelor's degree in business. Students who have earned a nonbusiness degree and want a second degree in a field of business must be admitted to the university as postbaccalaureate nongraduate students. Second-degree candidates must meet the same admission requirements and follow the same application process described.

Students retain business pre-major status until admission requirements are completed or waived because of completed coursework. Second-degree students must complete the same upper-division requirements as first-degree candidates. The Second Bachelor's Degree section of this catalog, under **Bachelor's Degree Requirements**, lists university requirements for a second bachelor's degree; the Undergraduate Advising office has information about Lundquist College requirements.

### Residence Requirement

Students must complete a minimum of 44 upper-division credits in regularly scheduled Lundquist College of Business courses. With the department head's approval, credits may be transferred from other accredited institutions, independent study, or approved courses in other departments. Accounting majors must complete all upper-division accounting courses at the University of Oregon.

### Grading

Premajor required courses and upper-division courses must be taken for letter grades and passed with grades of C- or better. See the **Registration and Academic Policies** section of this catalog for an explanation of the university's grading systems.

### Upper-Division Courses

Courses for the minor are open to nonmajors, and courses for the certificate in international business communication are open to students

whose native language is not English. Only admitted majors in the Lundquist College of Business may enroll in all other 300- and 400-level business courses.

## Majors - Master's Degree

- Accounting (MActg) (p. 434)
- Finance (MS) (p. 435)
- General Business (MBA) (p. 436)
- General Business Executive (MBA) (p. 438)
- Sports Product Management (MS) (p. 438)

## Specializations for General Business (MBA)

- Advanced Strategy and Leadership (p. 436)
- Finance and Securities Analysis (p. 437)
- Innovation and Entrepreneurship (p. 437)
- Sports Business (p. 437)
- Sustainability Business Practices (p. 438)

## Majors - Doctoral Degree (PhD)

- Accounting (p. 439)
- Finance (p. 439)
- Management (p. 439)
- Marketing (p. 440)
- Operations and Business Analytics (p. 440)

# Accounting (BA/BS)

For more information, contact [lcb.undergrad@uoregon.edu](mailto:lcb.undergrad@uoregon.edu).

Students who major in accounting will learn more than just how to crunch numbers. They will attain excellent conceptual and technical skills that help them excel in a career as a future business leader. Accounting students will practice the communications skills necessary to share the story the numbers reveal. Learn from some of the best accounting professors in the nation—professors who keep ahead of the curve through their engagement with ongoing research on the evolving global business economy.

Earn both a bachelor's degree and a master of accounting in just four years at the UO Lundquist College of Business. Qualified students entering the UO with AP or IB credit are eligible for the 3+1 Accounting Pathway (<https://business.uoregon.edu/ug/majors/accounting/3-1/>). 3+1 students will have the opportunity to finish their accounting undergraduate degree in three years and complete their master's degree in their fourth year.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Be creative and analytical problem solvers.
- Be effective communicators.
- Effectively work in a multi-cultural professional environment.
- Be skilled in leading and working successfully in diverse teams.
- Identify and evaluate the ethical, legal and sustainability implications of business decisions.
- Demonstrate proficiency in fundamental and concentration-specific business knowledge.

## Pre-Major Requirements

Premajor core business courses must be taken at the University of Oregon.

In addition, international students are required to take Academic English for International Students (AEIS) courses or produce English language proficiency test scores (575 on the TOEFL paper-based test, 89 on the TOEFL internet-based test, or 7.0 in the IELTS).

All courses must be taken for letter grades and passed with grades of C- or better.

| Code                                     | Title                                             | Credits   |
|------------------------------------------|---------------------------------------------------|-----------|
| <b>Core Courses <sup>1</sup></b>         |                                                   |           |
| BA 101                                   | Introduction to Business                          | 4         |
| ACTG 211                                 | Introduction to Accounting I                      | 4         |
| ACTG 213                                 | Introduction to Accounting II                     | 4         |
| EC 201                                   | Introduction to Economic Analysis: Microeconomics | 4         |
| EC 202                                   | Introduction to Economic Analysis: Macroeconomics | 4         |
| <b>Additional Courses <sup>2</sup></b>   |                                                   |           |
| BA 240                                   | Spreadsheet Analysis and Visualization            | 4         |
| MATH 241                                 | Calculus for Business and Social Science I        | 4         |
| STAT 243Z                                | Elementary Statistics I                           | 4         |
| <b>College Compositions <sup>2</sup></b> |                                                   |           |
| WR 121Z                                  | Composition I                                     | 4         |
| or HC 101H                               | Liberal Arts: [Topic]                             |           |
| WR 122Z                                  | Composition II                                    | 4         |
| or WR 123                                | College Composition III                           |           |
| or HC 221H                               | Arts and Letters Inquiry: [Topic]                 |           |
| <b>Total Credits</b>                     |                                                   | <b>40</b> |

<sup>1</sup> A 3.00 cumulative GPA (including both UO and transfer coursework) and a minimum grade of C- in core courses are required for guaranteed admission to the major. Premajor requirements must be taken for letter grades. The university limits retaking of courses in which a P or mid-C or better is earned; a petition is required. When repeating a core course, only the second grade is used in calculating the core GPA. Core courses may be repeated only once (including marks of W, N, F, D, C-).

<sup>2</sup> Must be taken for letter grades and passed with grades of C- or better.

## Accounting Major Requirements

| Code                       | Title                                        | Credits |
|----------------------------|----------------------------------------------|---------|
| <b>Upper-Division Core</b> |                                              |         |
| BA 308                     | Leadership and Communication                 | 4       |
| MKTG 311                   | Marketing Management                         | 4       |
| FIN 311                    | Economic Foundations of Competitive Analysis | 4       |
| FIN 316                    | Financial Management                         | 4       |
| MGMT 311                   | Managing People in Organizations             | 4       |
| BA 325                     | Business Law and Ethics                      | 4       |
| OBA 311                    | Business Analytics I                         | 4       |
| OBA 312                    | Business Analytics II                        | 4       |

|                                                |                                |           |
|------------------------------------------------|--------------------------------|-----------|
| OBA 335                                        | Operations Management          | 4         |
| BA 453                                         | Business Strategy and Planning | 4         |
| <b>Upper-Division Accounting Courses</b>       |                                |           |
| ACTG 350–352                                   | Intermediate Accounting I-III  | 12        |
| ACTG 360                                       | Cost Accounting                | 4         |
| ACTG 440                                       | Auditing                       | 4         |
| ACTG 450                                       | Advanced Financial Accounting  | 4         |
| ACTG 470                                       | Federal Taxation               | 4         |
| <b>Global Context Requirement <sup>1</sup></b> |                                | <b>9</b>  |
| <b>Total Credits</b>                           |                                | <b>77</b> |

<sup>1</sup> Global Context requires that students take three courses that focus on the culture of a country other than their native countries. All three courses should focus on the same country and be at least three credits each. (Students wishing to study a region should obtain advisor approval.) Foreign language courses must be at least 200-level or higher. Alternatively, students who study abroad or intern for credit in one country for six weeks or more may have the Global Context requirement waived with the approval of an academic advisor. Plans should be submitted to 203 Peterson for approval.

- The 400-level courses are typically taken in the senior year. Upper-division accounting credits applied toward the major must be taken at the Lundquist College. Exceptions require explicit approval from the accounting department head.
- Students pursuing the certified public accountant (CPA) designation are required to take additional course work prior to sitting for the Certified Public Accountant Examination.

### 3 + 1 Accounting Pathway (Concurrent Degree Program)

The 3+1 Accounting Pathway is an accelerated program for accounting majors, an opportunity for qualified incoming freshman students interested in accounting to complete within four years the bachelor's degree in accounting concurrently with the master of accounting degree. Through an evaluation of college-ready credits (e.g., Advanced Placement and International Baccalaureate programs), high-achieving students are fast-tracked for admission to the Lundquist College of Business one full year before their contemporaries. Students in this program may complete their undergraduate degree in three years, with the fourth year used to complete the master of accounting program. Students must submit applications for admission to the 3+1 Accounting Pathway by October 31 of the fall trimester of their freshman year.

For more information, visit the website (<https://business.uoregon.edu/master-accounting/>). For application information, visit the admissions website (<https://business.uoregon.edu/ug/majors/accounting/3-1/application-instructions/>).

### Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them. Milestones are not specific to one course unless explicitly stated. Please visit the website (<https://business.uoregon.edu/ug/advising/>) for more information.*

### Bachelor of Arts in Accounting

| Course                                             | Title                                             | Credits   | Milestones |
|----------------------------------------------------|---------------------------------------------------|-----------|------------|
| <b>First Year</b>                                  |                                                   |           |            |
| <b>Fall</b>                                        |                                                   |           |            |
| BA 101                                             | Introduction to Business                          | 4         |            |
| BA 199                                             | Special Studies: [Topic]                          | 1         |            |
|                                                    | Academic Residential Community or FIG seminar     |           |            |
| MATH 111Z                                          | Precalculus I: Functions                          | 4         |            |
| First term of first-year second-language sequence  |                                                   | 5         |            |
| <b>Credits</b>                                     |                                                   | <b>14</b> |            |
| <b>Winter</b>                                      |                                                   |           |            |
| EC 201                                             | Introduction to Economic Analysis: Microeconomics | 4         |            |
| MATH 241                                           | Calculus for Business and Social Science I        | 4         |            |
| WR 121Z                                            | Composition I                                     | 4         |            |
| Second term of first-year second-language sequence |                                                   | 5         |            |
| <b>Credits</b>                                     |                                                   | <b>17</b> |            |
| <b>Spring</b>                                      |                                                   |           |            |
| EC 202                                             | Introduction to Economic Analysis: Macroeconomics | 4         |            |
| WR 122Z                                            | Composition II                                    | 4         |            |
| Third term of first-year second-language sequence  |                                                   | 5         |            |
| Arts and Letters course                            |                                                   | 4         |            |
| <b>Credits</b>                                     |                                                   | <b>17</b> |            |
| <b>Total Credits</b>                               |                                                   | <b>48</b> |            |

| Course                                                                      | Title                                  | Credits      | Milestones                   |
|-----------------------------------------------------------------------------|----------------------------------------|--------------|------------------------------|
| <b>Second Year</b>                                                          |                                        |              |                              |
| <b>Fall</b>                                                                 |                                        |              |                              |
| ACTG 211                                                                    | Introduction to Accounting I           | 4            |                              |
| STAT 243Z                                                                   | Elementary Statistics I                | 4            |                              |
| First term of second-year second-language sequence                          |                                        | 4-5          |                              |
| Social Science course that also satisfies a cultural literacy requirement   |                                        | 4            |                              |
| <b>Credits</b>                                                              |                                        | <b>16-17</b> |                              |
| <b>Winter</b>                                                               |                                        |              |                              |
| ACTG 213                                                                    | Introduction to Accounting II          | 4            | Apply to College of Business |
| BA 240                                                                      | Spreadsheet Analysis and Visualization | 4            |                              |
| Second term of second-year second-language sequence                         |                                        | 4-5          |                              |
| Science course                                                              |                                        | 4            |                              |
| <b>Credits</b>                                                              |                                        | <b>16-17</b> |                              |
| <b>Spring</b>                                                               |                                        |              |                              |
| BA 308                                                                      | Leadership and Communication           | 4            |                              |
| Third term of second-year second-language sequence                          |                                        | 4-5          |                              |
| Arts and Letters course that also satisfies a cultural literacy requirement |                                        | 4            |                              |

|                |       |
|----------------|-------|
| Science course | 4     |
| Credits        | 16-17 |
| Total Credits  | 48-51 |

| Course                                                                  | Title                                        | Credits | Milestones |
|-------------------------------------------------------------------------|----------------------------------------------|---------|------------|
| <b>Third Year</b>                                                       |                                              |         |            |
| <b>Fall</b>                                                             |                                              |         |            |
| ACTG 350                                                                | Intermediate Accounting I                    | 4       |            |
| OBA 311                                                                 | Business Analytics I                         | 4       |            |
| Arts and Letters course                                                 |                                              | 4       |            |
| Credits                                                                 |                                              | 12      |            |
| <b>Winter</b>                                                           |                                              |         |            |
| ACTG 351                                                                | Intermediate Accounting II                   | 4       |            |
| FIN 316                                                                 | Financial Management                         | 4       |            |
| OBA 312                                                                 | Business Analytics II                        | 4       |            |
| Arts and Letters course                                                 |                                              | 4       |            |
| Credits                                                                 |                                              | 16      |            |
| <b>Spring</b>                                                           |                                              |         |            |
| ACTG 352                                                                | Intermediate Accounting III                  | 4       |            |
| FIN 311                                                                 | Economic Foundations of Competitive Analysis | 4       |            |
| MGMT 311                                                                | Managing People in Organizations             | 4       |            |
| Elective course                                                         |                                              | 4       |            |
| Consider applying for a Master of Accounting program if CPA is the goal |                                              |         |            |
| Credits                                                                 |                                              | 16      |            |
| Total Credits                                                           |                                              | 44      |            |

| Course             | Title                          | Credits | Milestones            |
|--------------------|--------------------------------|---------|-----------------------|
| <b>Fourth Year</b> |                                |         |                       |
| <b>Fall</b>        |                                |         |                       |
| ACTG 450           | Advanced Financial Accounting  | 4       | Attend Meet the Firms |
| ACTG 470           | Federal Taxation               | 4       |                       |
| MKTG 311           | Marketing Management           | 4       |                       |
| Credits            |                                | 12      |                       |
| <b>Winter</b>      |                                |         |                       |
| ACTG 360           | Cost Accounting                | 4       | Apply for graduation  |
| BA 325             | Business Law and Ethics        | 4       |                       |
| Elective course    |                                | 4       |                       |
| OBA 335            | Operations Management          | 4       |                       |
| Credits            |                                | 16      |                       |
| <b>Spring</b>      |                                |         |                       |
| ACTG 440           | Auditing                       | 4       | Register for commence |
| BA 453             | Business Strategy and Planning | 4       |                       |
| Elective course    |                                | 4       |                       |
| Credits            |                                | 12      |                       |
| Total Credits      |                                | 40      |                       |

Bachelor of Science in Accounting

| Course                                                                      | Title                                             | Credits | Milestones |
|-----------------------------------------------------------------------------|---------------------------------------------------|---------|------------|
| <b>First Year</b>                                                           |                                                   |         |            |
| <b>Fall</b>                                                                 |                                                   |         |            |
| BA 101                                                                      | Introduction to Business                          | 4       |            |
| MATH 111Z                                                                   | Precalculus I: Functions                          | 4       |            |
| Arts and Letters course                                                     |                                                   | 4       |            |
| Social Science course                                                       |                                                   | 4       |            |
| Credits                                                                     |                                                   | 16      |            |
| <b>Winter</b>                                                               |                                                   |         |            |
| EC 201                                                                      | Introduction to Economic Analysis: Microeconomics | 4       |            |
| MATH 241                                                                    | Calculus for Business and Social Science I        | 4       |            |
| WR 121Z                                                                     | Composition I                                     | 4       |            |
| Arts and Letters course that also satisfies a cultural literacy requirement |                                                   | 4       |            |
| Credits                                                                     |                                                   | 16      |            |
| <b>Spring</b>                                                               |                                                   |         |            |
| EC 202                                                                      | Introduction to Economic Analysis: Macroeconomics | 4       |            |
| WR 122Z                                                                     | Composition II                                    | 4       |            |
| Arts and Letters course                                                     |                                                   | 4       |            |
| Science course                                                              |                                                   | 4       |            |
| Credits                                                                     |                                                   | 16      |            |
| Total Credits                                                               |                                                   | 48      |            |

| Course                                                                    | Title                                  | Credits | Milestones                              |
|---------------------------------------------------------------------------|----------------------------------------|---------|-----------------------------------------|
| <b>Second Year</b>                                                        |                                        |         |                                         |
| <b>Fall</b>                                                               |                                        |         |                                         |
| ACTG 211                                                                  | Introduction to Accounting I           | 4       |                                         |
| STAT 243Z                                                                 | Elementary Statistics I                | 4       |                                         |
| Arts and Letters course that also satisfies global context                |                                        | 4       |                                         |
| Elective                                                                  |                                        | 4       | Consider using electives toward a minor |
| Credits                                                                   |                                        | 16      |                                         |
| <b>Winter</b>                                                             |                                        |         |                                         |
| ACTG 213                                                                  | Introduction to Accounting II          | 4       | Apply for the College of Business       |
| BA 240                                                                    | Spreadsheet Analysis and Visualization | 4       |                                         |
| Elective                                                                  |                                        | 4       |                                         |
| Science course                                                            |                                        | 4       |                                         |
| Credits                                                                   |                                        | 16      |                                         |
| <b>Spring</b>                                                             |                                        |         |                                         |
| BA 308                                                                    | Leadership and Communication           | 4       |                                         |
| Global Context course                                                     |                                        | 4       |                                         |
| Global Context course that also satisfies a cultural literacy requirement |                                        | 4       |                                         |

|                      |           |
|----------------------|-----------|
| Elective             | 4         |
| <b>Credits</b>       | <b>16</b> |
| <b>Total Credits</b> | <b>48</b> |

### Course Title Credits Milestones

#### Third Year

##### Fall

|                |                           |           |
|----------------|---------------------------|-----------|
| ACTG 350       | Intermediate Accounting I | 4         |
| OBA 311        | Business Analytics I      | 4         |
| Science course |                           | 4         |
| <b>Credits</b> |                           | <b>12</b> |

##### Winter

|                |                            |           |
|----------------|----------------------------|-----------|
| ACTG 351       | Intermediate Accounting II | 4         |
| FIN 316        | Financial Management       | 4         |
| OBA 312        | Business Analytics II      | 4         |
| Elective       |                            | 4         |
| <b>Credits</b> |                            | <b>16</b> |

##### Spring

|                                                                         |                                              |           |
|-------------------------------------------------------------------------|----------------------------------------------|-----------|
| ACTG 352                                                                | Intermediate Accounting III                  | 4         |
| FIN 311                                                                 | Economic Foundations of Competitive Analysis | 4         |
| MGMT 311                                                                | Managing People in Organizations             | 4         |
| Elective                                                                |                                              | 4         |
| Consider applying for a master of accounting program if CPA is the goal |                                              |           |
| <b>Credits</b>                                                          |                                              | <b>16</b> |
| <b>Total Credits</b>                                                    |                                              | <b>44</b> |

### Course Title Credits Milestones

#### Fourth Year

##### Fall

|                |                               |           |
|----------------|-------------------------------|-----------|
| ACTG 450       | Advanced Financial Accounting | 4         |
| ACTG 470       | Federal Taxation              | 4         |
| MKTG 311       | Marketing Management          | 4         |
| Elective       |                               | 4         |
| <b>Credits</b> |                               | <b>16</b> |

##### Winter

|                |                         |                      |           |
|----------------|-------------------------|----------------------|-----------|
| ACTG 360       | Cost Accounting         | Apply for graduation | 4         |
| OBA 335        | Operations Management   |                      | 4         |
| BA 325         | Business Law and Ethics |                      | 4         |
| <b>Credits</b> |                         |                      | <b>12</b> |

##### Spring

|                      |                                |                       |           |
|----------------------|--------------------------------|-----------------------|-----------|
| ACTG 440             | Auditing                       | Register for commence | 4         |
| BA 453               | Business Strategy and Planning |                       | 4         |
| Elective             |                                |                       | 4         |
| <b>Credits</b>       |                                |                       | <b>12</b> |
| <b>Total Credits</b> |                                |                       | <b>40</b> |

## Business Administration (BA/BS)

For more information, contact [lcb.undergrad@uoregon.edu](mailto:lcb.undergrad@uoregon.edu).

Students majoring in business administration learn to build their ideas into a small business—or a small business empire. Lead a Fortune 500 company. Market an NFL franchise. Realize financial goals. Take Wall Street (or Main Street) by storm. The Lundquist College of Business (<https://business.uoregon.edu/>) at the University of Oregon can take students where they want to go. Lundquist students are part of an intelligently informal community of thinkers and doers who are serious, determined, focused, and hands-on.

A degree in business administration is just part of the story. Students can pursue a general business focus or choose a concentration (p. 431) in accounting, entrepreneurship, finance, marketing, operations and business analytics, or sports business. They can also minor (<https://business.uoregon.edu/ug/minors/business-administration/>) in business administration, entrepreneurship, sports business, or sustainable business. No matter which degree or concentration is chosen, the Lundquist College of Business provides a collaborative environment where students find ample opportunities to try out real-world projects and scenarios, giving them career experience before they even graduate.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Be creative and analytical problem solvers.
- Be effective communicators.
- Effectively work in a multi-cultural professional environment.
- Be skilled in leading and working successfully in diverse teams.
- Identify and evaluate the ethical, legal and sustainability implications of business decisions.
- Demonstrate proficiency in fundamental and concentration-specific business knowledge.

## Pre-Major Requirements

Premajor core business courses must be taken at the University of Oregon.

In addition, international students are required to take Academic English for International Students (AEIS) courses or produce English language proficiency test scores (575 on the TOEFL paper-based test, 89 on the TOEFL internet-based test, or 7.0 in the IELTS).

All courses must be taken for letter grades and passed with grades of C- or better.

| Code                                   | Title                                             | Credits |
|----------------------------------------|---------------------------------------------------|---------|
| <b>Core Courses <sup>1</sup></b>       |                                                   |         |
| BA 101                                 | Introduction to Business                          | 4       |
| ACTG 211                               | Introduction to Accounting I                      | 4       |
| ACTG 213                               | Introduction to Accounting II                     | 4       |
| EC 201                                 | Introduction to Economic Analysis: Microeconomics | 4       |
| EC 202                                 | Introduction to Economic Analysis: Macroeconomics | 4       |
| <b>Additional Courses <sup>2</sup></b> |                                                   |         |
| BA 240                                 | Spreadsheet Analysis and Visualization            | 4       |



|                                         |                                            |           |
|-----------------------------------------|--------------------------------------------|-----------|
| MATH 241                                | Calculus for Business and Social Science I | 4         |
| STAT 243Z                               | Elementary Statistics I                    | 4         |
| <b>College Compositions<sup>2</sup></b> |                                            |           |
| WR 121Z                                 | Composition I                              | 4         |
| or HC 101H                              | Liberal Arts: [Topic]                      |           |
| WR 122Z                                 | Composition II                             | 4         |
| or WR 123                               | College Composition III                    |           |
| or HC 221H                              | Arts and Letters Inquiry: [Topic]          |           |
| <b>Total Credits</b>                    |                                            | <b>40</b> |

<sup>1</sup> A 3.00 cumulative GPA (including both UO and transfer coursework) and a minimum grade of C– in core courses are required for guaranteed admission to the major. Premajor requirements must be taken for letter grades. The university limits retaking of courses in which a P or mid-C or better is earned; a petition is required. When repeating a core course, only the second grade is used in calculating the core GPA. Core courses may be repeated only once (including marks of W, N, F, D, C–).

<sup>2</sup> Must be taken for letter grades and passed with grades of C- or better.

## Business Administration Major Requirements

Upper-division core courses typically are completed during junior year.

| Code                                                                                      | Title                                        | Credits |
|-------------------------------------------------------------------------------------------|----------------------------------------------|---------|
| <b>Upper-Division Core</b>                                                                |                                              |         |
| BA 308                                                                                    | Leadership and Communication                 | 4       |
| BA 325                                                                                    | Business Law and Ethics                      | 4       |
| BA 453                                                                                    | Business Strategy and Planning               | 4       |
| FIN 311                                                                                   | Economic Foundations of Competitive Analysis | 4       |
| FIN 316                                                                                   | Financial Management                         | 4       |
| MGMT 311                                                                                  | Managing People in Organizations             | 4       |
| MKTG 311                                                                                  | Marketing Management                         | 4       |
| OBA 311                                                                                   | Business Analytics I                         | 4       |
| OBA 312                                                                                   | Business Analytics II                        | 4       |
| OBA 335                                                                                   | Operations Management                        | 4       |
| <b>Business Administration Requirements</b>                                               |                                              |         |
| Seven upper-division business courses from at least two business departments <sup>1</sup> |                                              | 28      |
| <b>Accounting</b>                                                                         |                                              |         |
| ACTG 340                                                                                  | Accounting for Entrepreneurs                 |         |
| ACTG 350                                                                                  | Intermediate Accounting I                    |         |
| ACTG 351                                                                                  | Intermediate Accounting II                   |         |
| ACTG 352                                                                                  | Intermediate Accounting III                  |         |
| ACTG 360                                                                                  | Cost Accounting                              |         |
| ACTG 410                                                                                  | Experimental Course: [Topic]                 |         |
| ACTG 440                                                                                  | Auditing                                     |         |
| ACTG 450                                                                                  | Advanced Financial Accounting                |         |
| ACTG 460                                                                                  | Government & Not for Profit Accounting       |         |
| ACTG 470                                                                                  | Federal Taxation                             |         |
| ACTG 480                                                                                  | Accounting Data Analytics I                  |         |
| <b>Finance</b>                                                                            |                                              |         |
| FIN 380                                                                                   | Financial Markets and Investments            |         |

|                                            |                                                  |           |
|--------------------------------------------|--------------------------------------------------|-----------|
| FIN 462                                    | Derivative Markets and Financial Institutions    |           |
| FIN 463                                    | International Finance                            |           |
| FIN 464                                    | Commercial Banking                               |           |
| FIN 473                                    | Financial Analysis and Valuation                 |           |
| <b>Management</b>                          |                                                  |           |
| MGMT 335                                   | Launching New Ventures                           |           |
| MGMT 410                                   | Experimental Course: [Topic]                     |           |
| MGMT 415                                   | Human Resources Management                       |           |
| MGMT 416                                   | Organizational Development and Change Management |           |
| MGMT 417                                   | Negotiation Strategies                           |           |
| MGMT 420                                   | Managing in a Global Economy                     |           |
| MGMT 422                                   | Sustainable Business Strategy and Implementation |           |
| MGMT 443                                   | Life Cycle Assessment                            |           |
| MGMT 455                                   | Implementing Entrepreneurial Strategies          |           |
| <b>Marketing</b>                           |                                                  |           |
| MKTG 390                                   | Marketing Research                               |           |
| MKTG 410                                   | Experimental Course: [Topic]                     |           |
| MKTG 415                                   | Marketing Analytics                              |           |
| MKTG 420                                   | Marketing Communications                         |           |
| MKTG 435                                   | Consumer Behavior                                |           |
| MKTG 445                                   | Entrepreneurial Marketing                        |           |
| MKTG 470                                   | International Marketing                          |           |
| MKTG 490                                   | Marketing Strategy                               |           |
| SBUS 410                                   | Experimental Course: [Topic]                     |           |
| SBUS 450                                   | Sports Marketing                                 |           |
| SBUS 452                                   | Sports Sponsorship                               |           |
| SBUS 453                                   | Law and Sports Business                          |           |
| SBUS 455                                   | Financing Sports Business                        |           |
| SBUS 456                                   | Sports Brand Management                          |           |
| <b>Operations &amp; Business Analytics</b> |                                                  |           |
| OBA 410                                    | Experimental Course: [Topic]                     |           |
| OBA 444                                    | Business Database Management Systems             |           |
| OBA 455                                    | Data Driven Predictive Modeling                  |           |
| OBA 466                                    | Project and Operations Management Models         |           |
| OBA 477                                    | Supply-Chain Operations and Information          |           |
| Global Context Requirement <sup>2</sup>    |                                                  | 9         |
| <b>Total Credits</b>                       |                                                  | <b>77</b> |

<sup>1</sup> Four of the courses may be taken in one concentration (p. 431) area. Concentrations are optional and do not appear on UO academic transcripts or diplomas.

<sup>2</sup> Global Context requires that students take three courses that focus on the culture of a country other than their native countries. All three courses should focus on the same country and be at least three credits each. (Students wishing to study a region should obtain advisor approval.) Foreign language courses must be at least 200-level or higher. Alternatively, students who study abroad or intern for credit in one country for six weeks or more may have the Global Context requirement waived with the approval of an academic advisor. Plans should be submitted to 203 Peterson for approval.

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

### Bachelor of Arts in Business Administration

| Course               | Title                                              | Credits   | Milestones |
|----------------------|----------------------------------------------------|-----------|------------|
| <b>First Year</b>    |                                                    |           |            |
| <b>Fall</b>          |                                                    |           |            |
| BA 101               | Introduction to Business                           | 4         |            |
| BA 199               | Special Studies: [Topic]                           | 1         |            |
|                      | Academic Residential Community or FIG seminar      |           |            |
| MATH 111Z            | Precalculus I: Functions                           | 4         |            |
|                      | First term of first-year second-language sequence  | 5         |            |
| <b>Credits</b>       |                                                    | <b>14</b> |            |
| <b>Winter</b>        |                                                    |           |            |
| EC 201               | Introduction to Economic Analysis: Microeconomics  | 4         |            |
|                      | Second term of first-year second-language sequence | 5         |            |
| MATH 241             | Calculus for Business and Social Science I         | 4         |            |
| WR 121Z              | Composition I                                      | 4         |            |
| <b>Credits</b>       |                                                    | <b>17</b> |            |
| <b>Spring</b>        |                                                    |           |            |
| EC 202               | Introduction to Economic Analysis: Macroeconomics  | 4         |            |
|                      | Third term of first-year second-language sequence  | 5         |            |
| WR 122Z              | Composition II                                     | 4         |            |
|                      | Elective                                           | 4         |            |
| <b>Credits</b>       |                                                    | <b>17</b> |            |
| <b>Total Credits</b> |                                                    | <b>48</b> |            |

| Course             | Title                                                                       | Credits      | Milestones                       |
|--------------------|-----------------------------------------------------------------------------|--------------|----------------------------------|
| <b>Second Year</b> |                                                                             |              |                                  |
| <b>Fall</b>        |                                                                             |              |                                  |
| ACTG 211           | Introduction to Accounting I                                                | 4            |                                  |
| STAT 243Z          | Elementary Statistics I                                                     | 4            |                                  |
|                    | First term of second-year second-language sequence                          | 4-5          |                                  |
|                    | Social science course that also satisfies a cultural literacy requirement   | 4            |                                  |
| <b>Credits</b>     |                                                                             | <b>16-17</b> |                                  |
| <b>Winter</b>      |                                                                             |              |                                  |
| ACTG 213           | Introduction to Accounting II                                               | 4            | Apply to the College of Business |
| BA 240             | Spreadsheet Analysis and Visualization                                      | 4            |                                  |
|                    | Arts and Letters course that also satisfies a cultural literacy requirement | 4            |                                  |
|                    | Second term of second-year second-language sequence                         | 4-5          |                                  |
| <b>Credits</b>     |                                                                             | <b>16-17</b> |                                  |

|                |                                                    |              |
|----------------|----------------------------------------------------|--------------|
| <b>Spring</b>  |                                                    |              |
| BA 308         | Leadership and Communication                       | 4            |
|                | Arts and Letters course                            | 4            |
|                | Science course                                     | 4            |
|                | Third term of second-year second-language sequence | 4-5          |
| <b>Credits</b> |                                                    | <b>16-17</b> |

|                      |  |              |
|----------------------|--|--------------|
| <b>Total Credits</b> |  | <b>48-51</b> |
|----------------------|--|--------------|

| Course               | Title                                        | Credits   | Milestones |
|----------------------|----------------------------------------------|-----------|------------|
| <b>Third Year</b>    |                                              |           |            |
| <b>Fall</b>          |                                              |           |            |
| FIN 311              | Economic Foundations of Competitive Analysis | 4         |            |
| OBA 311              | Business Analytics I                         | 4         |            |
|                      | Arts and Letters course                      | 4         |            |
| <b>Credits</b>       |                                              | <b>12</b> |            |
| <b>Winter</b>        |                                              |           |            |
| FIN 316              | Financial Management                         | 4         |            |
| MKTG 311             | Marketing Management                         | 4         |            |
| MGMT 311             | Managing People in Organizations             | 4         |            |
|                      | Arts and Letters course                      | 4         |            |
| <b>Credits</b>       |                                              | <b>16</b> |            |
| <b>Spring</b>        |                                              |           |            |
| OBA 335              | Operations Management                        | 4         |            |
| OBA 312              | Business Analytics II                        | 4         |            |
|                      | Upper-division business elective             | 4         |            |
|                      | Elective                                     | 4         |            |
| <b>Credits</b>       |                                              | <b>16</b> |            |
| <b>Total Credits</b> |                                              | <b>44</b> |            |

| Course               | Title                            | Credits   | Milestones            |
|----------------------|----------------------------------|-----------|-----------------------|
| <b>Fourth Year</b>   |                                  |           |                       |
| <b>Fall</b>          |                                  |           |                       |
| BA 325               | Business Law and Ethics          | 4         |                       |
|                      | Upper-division business elective | 4         |                       |
|                      | Upper-division business elective | 4         |                       |
|                      | Elective course                  | 4         |                       |
| <b>Credits</b>       |                                  | <b>16</b> |                       |
| <b>Winter</b>        |                                  |           |                       |
| BA 453               | Business Strategy and Planning   | 4         | Apply for graduation  |
|                      | Upper-division business elective | 4         |                       |
|                      | Upper-division business elective | 4         |                       |
| <b>Credits</b>       |                                  | <b>12</b> |                       |
| <b>Spring</b>        |                                  |           |                       |
|                      | Upper-division business elective | 4         | Register for commence |
|                      | Upper-division business elective | 4         |                       |
|                      | Elective course                  | 4         |                       |
| <b>Credits</b>       |                                  | <b>12</b> |                       |
| <b>Total Credits</b> |                                  | <b>40</b> |                       |

## Bachelor of Science in Business Administration

| Course               | Title                                                                         | Credits   | Milestones |
|----------------------|-------------------------------------------------------------------------------|-----------|------------|
| <b>First Year</b>    |                                                                               |           |            |
| <b>Fall</b>          |                                                                               |           |            |
| BA 101               | Introduction to Business                                                      | 4         |            |
| MATH 111Z            | Precalculus I: Functions                                                      | 4         |            |
|                      | Arts and letters course that also satisfies a cultural literacy requirement   | 4         |            |
|                      | Social science course                                                         | 4         |            |
| <b>Credits</b>       |                                                                               | <b>16</b> |            |
| <b>Winter</b>        |                                                                               |           |            |
| EC 201               | Introduction to Economic Analysis: Microeconomics                             | 4         |            |
| MATH 241             | Calculus for Business and Social Science I                                    | 4         |            |
| WR 121Z              | Composition I                                                                 | 4         |            |
|                      | Arts and Letters course                                                       | 4         |            |
| <b>Credits</b>       |                                                                               | <b>16</b> |            |
| <b>Spring</b>        |                                                                               |           |            |
| EC 202               | Introduction to Economic Analysis: Macroeconomics                             | 4         |            |
| WR 122Z              | Composition II                                                                | 4         |            |
|                      | Arts and letters course that also satisfies a cultural literacy I requirement | 4         |            |
|                      | Elective                                                                      | 4         |            |
| <b>Credits</b>       |                                                                               | <b>16</b> |            |
| <b>Total Credits</b> |                                                                               | <b>48</b> |            |

| Course               | Title                                               | Credits   | Milestones |
|----------------------|-----------------------------------------------------|-----------|------------|
| <b>Second Year</b>   |                                                     |           |            |
| <b>Fall</b>          |                                                     |           |            |
| ACTG 211             | Introduction to Accounting I                        | 4         |            |
| STAT 243Z            | Elementary Statistics I                             | 4         |            |
|                      | Arts and Letters that also satisfies Global Context | 4         |            |
|                      | Global context course                               | 4         |            |
| <b>Credits</b>       |                                                     | <b>16</b> |            |
| <b>Winter</b>        |                                                     |           |            |
| ACTG 213             | Introduction to Accounting II                       | 4         |            |
| BA 240               | Spreadsheet Analysis and Visualization              | 4         |            |
|                      | Science course                                      | 4         |            |
|                      | Elective course                                     | 4         |            |
| <b>Credits</b>       |                                                     | <b>16</b> |            |
| <b>Spring</b>        |                                                     |           |            |
| BA 308               | Leadership and Communication                        | 4         |            |
| OBA 311              | Business Analytics I                                | 4         |            |
|                      | Science course                                      | 4         |            |
|                      | Elective                                            | 4         |            |
| <b>Credits</b>       |                                                     | <b>16</b> |            |
| <b>Total Credits</b> |                                                     | <b>48</b> |            |

| Course               | Title                                        | Credits   | Milestones |
|----------------------|----------------------------------------------|-----------|------------|
| <b>Third Year</b>    |                                              |           |            |
| <b>Fall</b>          |                                              |           |            |
| MGMT 311             | Managing People in Organizations             | 4         |            |
| OBA 312              | Business Analytics II                        | 4         |            |
|                      | Science course                               | 4         |            |
| <b>Credits</b>       |                                              | <b>12</b> |            |
| <b>Winter</b>        |                                              |           |            |
| FIN 316              | Financial Management                         | 4         |            |
| MKTG 311             | Marketing Management                         | 4         |            |
| OBA 335              | Operations Management                        | 4         |            |
|                      | Elective course                              | 4         |            |
| <b>Credits</b>       |                                              | <b>16</b> |            |
| <b>Spring</b>        |                                              |           |            |
| FIN 311              | Economic Foundations of Competitive Analysis | 4         |            |
|                      | Upper-division business elective             | 4         |            |
|                      | Science course                               | 4         |            |
|                      | Elective                                     | 4         |            |
| <b>Credits</b>       |                                              | <b>16</b> |            |
| <b>Total Credits</b> |                                              | <b>44</b> |            |

| Course               | Title                            | Credits   | Milestones            |
|----------------------|----------------------------------|-----------|-----------------------|
| <b>Fourth Year</b>   |                                  |           |                       |
| <b>Fall</b>          |                                  |           |                       |
| BA 325               | Business Law and Ethics          | 4         |                       |
|                      | Upper-division business elective | 4         |                       |
|                      | Upper-division business elective | 4         |                       |
|                      | Upper-division business elective | 4         |                       |
| <b>Credits</b>       |                                  | <b>16</b> |                       |
| <b>Winter</b>        |                                  |           |                       |
| BA 453               | Business Strategy and Planning   | 4         | Apply for graduation  |
|                      | Upper-division business elective | 4         |                       |
|                      | Global context course            | 4         |                       |
| <b>Credits</b>       |                                  | <b>12</b> |                       |
| <b>Spring</b>        |                                  |           |                       |
|                      | Upper-division business elective | 4         | Register for commence |
|                      | Upper-division business elective | 4         |                       |
|                      | Elective course                  | 4         |                       |
| <b>Credits</b>       |                                  | <b>12</b> |                       |
| <b>Total Credits</b> |                                  | <b>40</b> |                       |

# LCB Undergraduate Concentrations

## Concentrations for Accounting and Business Administration Majors

- Accounting (p. 431) (Business Administration major only):
- Entrepreneurship (p. 431): Identify and implement new business opportunities.
- Finance (p. 431): Unpack the stock market and learn how money works.
- Marketing (p. 431): Analyze, create, and find new ways to understand and keep customers.
- Operations and Business Analytics (p. 431): Decode big data and complex systems to drive business value.
- Sports Business (p. 431): Turn your passion into a career and learn business through the lens of sports.

### Concentration in Accounting

| Code                         | Title                         | Credits   |
|------------------------------|-------------------------------|-----------|
| ACTG 350                     | Intermediate Accounting I     | 4         |
| ACTG 351                     | Intermediate Accounting II    | 4         |
| ACTG 352                     | Intermediate Accounting III   | 4         |
| Select one of the following: |                               | 4         |
| ACTG 360                     | Cost Accounting               |           |
| ACTG 440                     | Auditing                      |           |
| ACTG 450                     | Advanced Financial Accounting |           |
| ACTG 470                     | Federal Taxation              |           |
| ACTG 480                     | Accounting Data Analytics I   |           |
| <b>Total Credits</b>         |                               | <b>16</b> |

### Concentration: Entrepreneurship

| Code                 | Title                                   | Credits   |
|----------------------|-----------------------------------------|-----------|
| MGMT 335             | Launching New Ventures                  | 4         |
| ACTG 340             | Accounting for Entrepreneurs            | 4         |
| MKTG 445             | Entrepreneurial Marketing               | 4         |
| MGMT 455             | Implementing Entrepreneurial Strategies | 4         |
| <b>Total Credits</b> |                                         | <b>16</b> |

### Concentration in Finance

| Code                         | Title                                         | Credits   |
|------------------------------|-----------------------------------------------|-----------|
| FIN 380                      | Financial Markets and Investments             | 4         |
| FIN 473                      | Financial Analysis and Valuation              | 4         |
| Select two of the following: |                                               | 8         |
| FIN 462                      | Derivative Markets and Financial Institutions |           |
| FIN 463                      | International Finance                         |           |
| FIN 464                      | Commercial Banking                            |           |
| <b>Total Credits</b>         |                                               | <b>16</b> |

### Concentration: Marketing

| Code     | Title               | Credits |
|----------|---------------------|---------|
| MKTG 390 | Marketing Research  | 4       |
| MKTG 415 | Marketing Analytics | 4       |

|                      |                    |           |
|----------------------|--------------------|-----------|
| MKTG 435             | Consumer Behavior  | 4         |
| MKTG 490             | Marketing Strategy | 4         |
| <b>Total Credits</b> |                    | <b>16</b> |

### Concentration: Operations and Business Analytics

| Code                          | Title                                    | Credits   |
|-------------------------------|------------------------------------------|-----------|
| Select four of the following: |                                          | 16        |
| OBA 410                       | Experimental Course: [Topic]             |           |
| OBA 444                       | Business Database Management Systems     |           |
| OBA 455                       | Data Driven Predictive Modeling          |           |
| OBA 466                       | Project and Operations Management Models |           |
| OBA 477                       | Supply-Chain Operations and Information  |           |
| <b>Total Credits</b>          |                                          | <b>16</b> |

### Concentration: Sports Business

| Code                         | Title                     | Credits   |
|------------------------------|---------------------------|-----------|
| MKTG 390                     | Marketing Research        | 4         |
| SBUS 450                     | Sports Marketing          | 4         |
| Select two of the following: |                           | 8         |
| SBUS 455                     | Financing Sports Business |           |
| SBUS 452                     | Sports Sponsorship        |           |
| SBUS 453                     | Law and Sports Business   |           |
| <b>Total Credits</b>         |                           | <b>16</b> |

## Business Administration Minor

The business minor gives students the opportunity to develop a core set of business skills that complement their major passion. The minor in business administration is open to students from all majors except pre-business, business administration, or accounting. For general social sciences majors with a concentration in applied economics, business, and society, students must adhere to the GSS double-dipping policy. See the GSS website (<https://gss.uoregon.edu/faqs/>) for more information. Completing the minor requires 24 credits of course work, which can be completed in one academic year.

Students may declare a minor in business administration online on the college's website, where a checklist of requirements can be found. Advising assistance is available in the Office of Undergraduate Advising.

### Business Administration Minor

All professions and organizations, public and private, operate according to business principles. Earning a minor in business administration prepares students to participate in organizational conversations and become leaders within their future professions. The minor in business administration is open to students from all majors other than business administration, accounting, and general social science with a concentration in applied economics, business, and society. Completing the minor requires 24 credits of coursework, which can be completed in one academic year.

Students may declare a minor in business administration online at the college's website, where a checklist of requirements can be found. Advising assistance is available in the Office of Undergraduate Advising.

Twelve upper-division credits must be taken in the Lundquist College of Business. Courses used to fulfill the minor requirements must be taken for a letter grade and passed with a grade of C- or better. When minor requirements have been completed and notification of application for a degree has been received from the Office of the Registrar, the student is cleared for the minor.

| Code                 | Title                                                   | Credits   |
|----------------------|---------------------------------------------------------|-----------|
| BA 101               | Introduction to Business <sup>1</sup>                   | 4         |
| BA 215               | Accounting: Language of Business Decisions <sup>2</sup> | 4         |
| BA 315               | Economy, Industry, and Competitive Analysis             | 4         |
| BA 316               | Management: Creating Value through People               | 4         |
| BA 317               | Marketing: Creating Value for Customers                 | 4         |
| BA 318               | Finance: Creating Value through Capital                 | 4         |
| <b>Total Credits</b> |                                                         | <b>24</b> |

<sup>1</sup> Must be taken before the other required minor courses.

<sup>2</sup> Must be taken before Finance: Creating Value through Capital (BA 318)

## Entrepreneurship Minor

The minor in entrepreneurship is intended for nonbusiness students who want to learn about innovation processes and the managerial and leadership skills required to create a new venture. The entrepreneurship minor gives students the opportunity to envision, develop, test, and build a for-profit or nonprofit venture working within an interdisciplinary framework of exploration and self-discovery.

The minor in entrepreneurship is open to students from all majors except business administration, accounting, and general social science with a concentration in applied economics, business, and society. Completing the minor requires 24 credits of course work, which can be completed in one academic year.

Students may declare a minor in entrepreneurship online at the college's website (<https://business.uoregon.edu/ug/minors/entrepreneurship/>), where a checklist of requirements can be found. Advising assistance is available in the Office of Undergraduate Advising.

### Minor in Entrepreneurship

| Code                           | Title                                                | Credits |
|--------------------------------|------------------------------------------------------|---------|
| Required Courses:              |                                                      | 16      |
| BA 101                         | Introduction to Business                             |         |
| MGMT 335                       | Launching New Ventures                               |         |
| MKTG 445                       | Entrepreneurial Marketing                            |         |
|                                | or MGMT 41 Experimental Course: [Topic]              |         |
| ACTG 340                       | Accounting for Entrepreneurs                         |         |
|                                | or BA 215 Accounting: Language of Business Decisions |         |
| Elective Courses: <sup>1</sup> |                                                      | 8       |
| ENVS 455                       | Sustainability                                       |         |
| ARCH 201                       | Introduction to Architecture                         |         |
| ARCH 202                       | Design Skills                                        |         |
| ARCH 222                       | Introduction to Architectural Computer Graphics      |         |

|          |                                                   |
|----------|---------------------------------------------------|
| ART 101  | Understanding Contemporary Art                    |
| ART 111  | The Artist Experience                             |
| ART 115  | Surface, Space, and Time                          |
| ARTD 250 | Print Media Digital Arts                          |
| ARTD 251 | Time-Based Digital Arts                           |
| ARTD 252 | Interactive Digital Arts                          |
| BA 199   | Special Studies: [Topic]                          |
| BA 215   | Accounting: Language of Business Decisions        |
| BA 317   | Marketing: Creating Value for Customers           |
| CS 111   | Introduction to Web Programming                   |
| CS 122   | Introduction to Programming and Problem Solving   |
| CS 210   | Computer Science I                                |
| CS 211   | Computer Science II                               |
| CS 422   | Software Methodology I                            |
| EC 101   | Contemporary Economic Issues                      |
| EC 201   | Introduction to Economic Analysis: Microeconomics |
| EC 202   | Introduction to Economic Analysis: Macroeconomics |
| EC 333   | Resource and Environmental Economic Issues        |
| EC 360   | Issues in Industrial Organization                 |
| EC 380   | International Economic Issues                     |
| ENVS 335 | Allocating Scarce Environmental Resources         |
| ENVS 345 | Environmental Ethics                              |
| ENVS 435 | Environmental Justice                             |
| ENVS 467 | Sustainable Agriculture                           |
| J 410    | Experimental Course: [Topic]                      |
| LA 199   | Special Studies: [Topic]                          |
| LA 390   | Urban Farm                                        |
| LA 410   | Experimental Course: [Topic]                      |
| MGMT 410 | Experimental Course: [Topic]                      |
| MGMT 225 | Introduction to Entrepreneurship                  |
| MGMT 455 | Implementing Entrepreneurial Strategies           |
| MKTG 445 | Entrepreneurial Marketing                         |
| MUS 346  | Music, Money, and the Law                         |
| MUS 476  | Digital Audio Workstation Techniques I            |
| MUS 480  | Audio Production Techniques I                     |
| MUS 481  | Audio Recording Techniques II                     |
| PD 101   | Introduction to Product Design                    |
| PD 370   | Design Process                                    |
| PD 485   | Advanced Studio III                               |
| PHYS 155 | Physics behind the Internet                       |
| PHYS 161 | Physics of Energy and Environment                 |
| PHYS 162 | Solar and Other Renewable Energies                |
| PPPM 280 | Introduction to the Nonprofit Sector              |
| PPPM 425 | Project Management                                |
| PPPM 487 | Impact Philanthropy                               |
| PSY 202  | Mind and Society                                  |
| PSY 301  | Scientific Thinking in Psychology                 |



|                      |                           |           |
|----------------------|---------------------------|-----------|
| PSY 305              | Cognition                 |           |
| PSY 306              | Social Psychology         |           |
| PSY 366              | Culture and Mental Health |           |
| PSY 457              | Group Dynamics            |           |
| <b>Total Credits</b> |                           | <b>24</b> |

<sup>1</sup> It is possible to earn more than one minor within the Lundquist College of Business. However, for students earning more than one business-related minor, no more than three courses can be used to satisfy multiple business minors. Please see an advisor for more details.

## Sports Business Minor

The minor in sports business is intended to provide baseline business skills and knowledge to students who are not intending to pursue a sports business career per se, but rather are pursuing sports-related professional paths in which business acumen is a supporting skill (e.g., sports journalist, sports psychologist, sportswear designer). The sports business minor develops skills in teamwork, writing, and oral communications with an emphasis on providing core business competencies to those pursuing sports industry-related careers.

The minor in sports business is open to students from all majors except pre-business, business administration, or accounting. For general social sciences majors with a concentration in applied economics, business, and society, students must adhere to the GSS double-dipping policy. See the GSS website (<https://gss.uoregon.edu/faqs/>) for more information. Completing the minor requires 24 credits of course work, which can be completed in one academic year.

Students may declare a minor in sports business online on the college's website, where a checklist of requirements can be found. Advising assistance is available in the Office of Undergraduate Advising.

### Sports Business Minor

The sports business minor develops skills in teamwork, writing, and oral communications with an emphasis on providing core business competencies to those pursuing sports industry-related careers. The minor is intended to provide baseline business skills and knowledge to students who are not intending to pursue a sports business career per se, but rather are pursuing sports-related professional paths in which business acumen is a supporting skill (e.g., sports journalist, sports psychologist, sportswear designer). The minor in sports business is open to students from all majors except business administration, accounting, and general social science with a concentration in applied economics, business, and society. Completing the minor requires 24 credits of course work, which can be completed in one academic year.

Students may declare a minor in sports business online at the college's website (<https://business.uoregon.edu/ug/minors/sports-business/>), where a checklist of requirements can be found. Advising assistance is available in the Office of Undergraduate Advising.

Twelve upper-division credits must be taken in the Lundquist College of Business. Upper-division business courses must be taken for letter grades. Students must earn a C– or better in all courses taken for a letter grade to fulfill minor requirements. When minor requirements have been completed and notification of application for a degree has been received from the Office of the Registrar, the student is cleared for the minor.

| Code                   | Title                                     | Credits   |
|------------------------|-------------------------------------------|-----------|
| <b>Core Courses</b>    |                                           |           |
| BA 101                 | Introduction to Business <sup>1</sup>     | 4         |
| BA 316                 | Management: Creating Value through People | 4         |
| BA 317                 | Marketing: Creating Value for Customers   | 4         |
| SBUS 250               | Sports Business and Society               | 4         |
| SBUS 456               | Sports Brand Management                   | 4         |
| <b>Elective Course</b> |                                           | <b>4</b>  |
| ARTD 250               | Print Media Digital Arts                  |           |
| BA 318                 | Finance: Creating Value through Capital   |           |
| ES 310                 | Race and Popular Culture: [Topic]         |           |
| FIN 281                | Personal Finance                          |           |
| J 320                  | Gender, Media, and Diversity              |           |
| GEOG 281               | The World and Big Data                    |           |
| MGMT 335               | Launching New Ventures                    |           |
| PD 101                 | Introduction to Product Design            |           |
| SOC 317                | Sociology of the Mass Media               |           |
| <b>Total Credits</b>   |                                           | <b>24</b> |

<sup>1</sup> Must be taken before the other required minor courses.

## Sustainable Business Minor

The minor in sustainable business is designed for non-business majors who want to learn to apply business solutions to address social and environmental challenges. The sustainable business minor teaches students how to use the power of business for good, finding ways to make the world better for everyone.

The minor in sustainable business is open to students from all majors except pre-business, business administration, or accounting. For general social sciences majors with a concentration in applied economics, business, and society, students must adhere to the GSS double-dipping policy. See the GSS website (<https://gss.uoregon.edu/faqs/>) for more information. Completing the minor requires 24 credits of course work, which can be completed in one academic year.

Students may declare a minor in sustainable business online on the college's website, where a checklist of requirements can be found. Advising assistance is available in the Office of Undergraduate Advising.

The sustainable business minor consists of three business administration courses, two courses from specialized clusters, and one elective (total of 24 credit hours).

| Code                                 | Title                                            | Credits |
|--------------------------------------|--------------------------------------------------|---------|
| BA 101                               | Introduction to Business                         | 4       |
| MGMT 250                             | Introduction to Sustainable Business             | 4       |
| MGMT 422                             | Sustainable Business Strategy and Implementation | 4       |
| Choose one of the following courses: |                                                  | 4       |
| BA 215                               | Accounting: Language of Business Decisions       |         |
| BA 315                               | Economy, Industry, and Competitive Analysis      |         |
| BA 316                               | Management: Creating Value through People        |         |

|                                      |                                                         |
|--------------------------------------|---------------------------------------------------------|
| BA 317                               | Marketing: Creating Value for Customers                 |
| BA 318                               | Finance: Creating Value through Capital                 |
| MGMT 443                             | Life Cycle Assessment                                   |
| MKTG 410                             | Experimental Course: [Topic]                            |
| Choose two of the following courses: |                                                         |
| ARCH 431                             | Community Design                                        |
| CH 113                               | The Chemistry of Sustainability                         |
| CH 114                               |                                                         |
| CRES 101                             | Introduction to Conflict Resolution                     |
| EC 330                               | Urban and Regional Economic Problems                    |
| EC 333                               | Resource and Environmental Economic Issues              |
| EC 434                               | Environmental Economics                                 |
| EC 435                               | Natural Resource Economics                              |
| EC 462                               | Economics of Transportation                             |
| EC 491                               | Issues in Economic Growth and Development               |
| EDLD 311                             | Equity Leadership and Social Change                     |
| ENG 230                              | Introduction to Environmental Literature                |
| ENVS 202                             | Introduction to Environmental Studies: Natural Sciences |
| ENVS 203                             | Introduction to Environmental Studies: Humanities       |
| ENVS 435                             | Environmental Justice                                   |
| ENVS 455                             | Sustainability                                          |
| ENVS 467                             | Sustainable Agriculture                                 |
| GEOG 361                             | Global Environmental Change                             |
| GEOG 448                             | Tourism and Development                                 |
| GEOG 465                             | Environment and Development                             |
| GEOG 481                             | GIScience I                                             |
| HIST 273                             | Introduction to Global Environmental History            |
| HIST 378                             | American Environmental History to 1890                  |
| HIST 379                             | American Environmental History, 1890-Present            |
| J 410                                | Experimental Course: [Topic]                            |
| LA 199                               | Special Studies: [Topic]                                |
| LA 410                               | Experimental Course: [Topic]                            |
| LA 459                               | Landscape Technology Topics                             |
| MGMT 410                             | Experimental Course: [Topic]                            |
| PHYS 161                             | Physics of Energy and Environment                       |
| PHYS 162                             | Solar and Other Renewable Energies                      |
| PPPM 325                             | Community Leadership and Change                         |
| PPPM 327                             |                                                         |
| PPPM 442                             | Sustainable Urban Development                           |
| PPPM 445                             | Green Cities                                            |
| PS 477                               | International Environmental Politics                    |
| <b>Total Credits</b>                 |                                                         |

24

## Global Business Certificate

The Certificate in Global Business is for those who want to be prepared to accept a job internationally and appreciate the different cultural values, economies, and communication styles of our vast and varied business

world and is open to students in all University of Oregon majors. Upon successful completion of an approved plan, students will receive their certificate in addition to their diploma. Applications can be submitted to an academic advisor.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Discuss the promises of globalization, whether the global economy has delivered on those promises, and how we might reform globalization to represent the needs of people and the planet.
- Identify cross-country cultural differences in political, economic, social, and legal factors, and evaluate their implications for business decisions.
- Analyze global and country-level macro-environments of marketing, choose an appropriate market-entry or expansion strategy, and manage product, pricing, distribution, and communication strategies in international markets.

To receive a Certificate in Global Business, students must complete a total of 36 credits (must include 24 upper division credits) with 12 credits at the 400 level. Of the 12 400-level credits, 8 are included in the international business core. The remaining 4 credits must be planned as part of the area studies.

| Code                                                                     | Title                           | Credits   |
|--------------------------------------------------------------------------|---------------------------------|-----------|
| International Business Core:                                             |                                 |           |
| BA 101                                                                   | Introduction to Business        | 4         |
| BA 252                                                                   | Global Perspectives in Business | 4         |
| MGMT 420                                                                 | Managing in a Global Economy    | 4         |
| MKTG 470                                                                 | International Marketing         | 4         |
| <b>Area Study/Global Systems/Cross Cultural Competencies<sup>1</sup></b> |                                 | <b>20</b> |
| <b>Total Credits</b>                                                     |                                 | <b>36</b> |

<sup>1</sup> Area study requirements consist of 20 credits of coursework that relate to an international theme with at least 4 credits at the 400 level. This must be approved by an advisor in the Lundquist College of Business. Area studies coursework must include at least two department prefixes. Usually this theme will be geographically-based, focusing on a region such as Latin America, North Africa, or Europe. Other themes that are not geographic may be submitted for approval; for example global systems, cross cultural competencies, and macro level international forces (such as globalization). Four credits of second year second language can be used toward this requirement. Literature or cultural studies courses taught in a second language may be applied to the area studies. Only 4 credits of business course work can be used in this category and must be pre-approved.

## Accounting (MActg)

For more information, contact [lcbmacc1@uoregon.edu](mailto:lcbmacc1@uoregon.edu).

At the University of Oregon's Master of Accounting program at the Lundquist College of Business, students develop a mindset that goes beyond learning new accounting methods and tax laws. They hone their ability to work in a constructive and respectful way. They learn how to communicate attention to detail through precise and engaging presentations. And they bring it all together to achieve true professional success to land a great job.

The Master of Accounting program is designed for students whose undergraduate major is accounting or the equivalent. The program is constructed so that it can be completed in three terms (one academic year) of full-time study. The curriculum is designed to sharpen written and oral communication, leadership, critical thinking, and analytical skills that are needed to excel in the accounting profession.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Accounting Knowledge - Each accounting major is proficient in expanded conceptual and technical accounting knowledge.
- Critical Thinking and Discipline Integration - Each student will think critically and integratively to solve complex business problems.
- Research Skills - Each student will be able to apply research techniques to solve complex business problems.
- Communication Skills - Each student will effectively communicate in writing the solution of a business problem.

## Accounting Major Requirements

| Code                                                           | Title                                                             | Credits   |
|----------------------------------------------------------------|-------------------------------------------------------------------|-----------|
| <b>Core Accounting Courses</b>                                 |                                                                   |           |
| ACTG 617                                                       | Taxation of Business                                              | 4         |
| ACTG 618                                                       | Taxes and Business Strategy                                       | 4         |
| ACTG 630                                                       | Accounting Measurement and Disclosure                             | 4         |
| ACTG 631                                                       | Financial Statement Analysis and Valuation                        | 4         |
| ACTG 662                                                       | Strategic Cost Management                                         | 4         |
| ACTG 608                                                       | Workshop: [Topic] (Developing the Business Professional Seminars) | 2         |
| <b>Core Elective Courses - select two from the following:</b>  |                                                                   | <b>8</b>  |
| ACTG 580                                                       | Accounting Data Analytics I                                       |           |
| ACTG 610                                                       | Experimental Course: [Topic]                                      |           |
| ACTG 642                                                       | Advanced Assurance Services                                       |           |
| ACTG 681                                                       | Accounting Data & Analytics II                                    |           |
| <b>Elective Courses</b>                                        |                                                                   | <b>15</b> |
| Five general business or other graduate electives <sup>1</sup> |                                                                   |           |
| <b>Total Credits</b>                                           |                                                                   | <b>45</b> |

<sup>1</sup> The plan of study for the electives outside of accounting is determined by the student and the program director.

## Finance (MS)

For more information, contact [msinfo@uoregon.edu](mailto:msinfo@uoregon.edu).

With a focus on valuation and asset management, the University of Oregon Master of Science in Finance (MSF) program is ideal for those targeting a coveted career as a financial analyst—whether at a "sell-side" investment firm evaluating specific sectors/industries, a "buy-side" investment house managing its own funds, an investment bank, or a corporate finance department.

The master of science in finance is a 12-month degree program with an emphasis on valuation and asset management designed for students who recently graduated with majors in science, technology, engineering, mathematics, business, economics, or equivalent subjects. The curriculum is designed to provide students with insights from the most advanced theoretical and empirical research in finance while

attending professional development seminars. Through the UO's Cameron Center for Finance and Securities Analysis, students have opportunities to practice securities analysis and portfolio management in a live environment with access to the Pacific Northwest's financial, banking, and investment industry.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Critical Thinking - Students will be able to identify and provide adequate solutions to financial problems.
- Financial Knowledge - Students will be able to have a deep understanding on the functioning of financial markets.
- Business Ethics - Students will be knowledgeable about the ethical standard of business conduct.
- Communication - Students will be able to communicate effectively and professionally in the business context.

## Master of Science in Finance

The MSF curriculum totals a minimum of 45 credits, allowing students to complete the degree in 12 months (four quarters).

The program consists of six required courses - including a capstone practicum and a quarterly seminar - along with 13 available electives. Emphasis is on valuation and asset management. The required core courses have no pre-requisites for MSF students. The program will coordinate with industry partners to design such real-world projects as security analysis, portfolio allocation, risk management, and valuation of corporate investment projects or startups.

| Code                                                    | Title                                         | Credits      |
|---------------------------------------------------------|-----------------------------------------------|--------------|
| <b>Core Courses</b>                                     |                                               |              |
| ACTG 612                                                | Financial Accounting                          | 3            |
| FIN 607                                                 | Seminar: [Topic]                              | 5            |
| FIN 617                                                 | Data Analysis in Finance                      | 3            |
| FIN 612                                                 | Fundamentals of Finance                       | 3            |
| FIN 615                                                 | Quantitative Methods for Finance              | 3            |
| FIN 683                                                 | Concepts of Investments                       | 3            |
| <b>Financial Markets (1 Required, Both Recommended)</b> |                                               | <b>3-4</b>   |
| FIN 562                                                 | Derivative Markets and Financial Institutions |              |
| FIN 675                                                 | Fixed Income Securities                       |              |
| <b>Capstone Requirement:</b>                            |                                               | <b>3</b>     |
| FIN 673                                                 | Advanced Topics in Corporate Finance          | 3            |
| or FIN 610                                              | Experimental Course: [Topic]                  |              |
| <b>Electives</b>                                        |                                               | <b>19-20</b> |
| ACTG 631                                                | Financial Statement Analysis and Valuation    |              |
| FIN 562                                                 | Derivative Markets and Financial Institutions |              |
| FIN 564                                                 | Commercial Banking                            |              |
| FIN 606                                                 | Practicum: [Topic]                            |              |
| FIN 608                                                 | Workshop: [Topic]                             |              |
| FIN 610                                                 | Experimental Course: [Topic]                  |              |
| FIN 671                                                 | Corporate Finance and Valuation               |              |
| FIN 673                                                 | Advanced Topics in Corporate Finance          |              |
| FIN 675                                                 | Fixed Income Securities                       |              |

|                               |                         |           |
|-------------------------------|-------------------------|-----------|
| FIN 685                       | Alternative Investments |           |
| FIN 687                       | Hedge Funds             |           |
| <b>Minimum Total Credits:</b> |                         | <b>45</b> |

## General Business (MBA)

for more information, contact [mbainfo@uoregon.edu](mailto:mbainfo@uoregon.edu).

The Oregon MBA degree embodies the college's emphasis on interdisciplinary study, experiential learning, research excellence, and a supportive learning environment. No other program inspires individual distinction and deep and practical experience like the Oregon MBA. Earn an MBA with a specialization in one of four select areas: finance and securities analysis, innovation and entrepreneurship, sports business, and sustainable business practices. The four specializations of the MBA curriculum are aligned with the college's centers of excellence—the Lundquist Center for Entrepreneurship, the Cameron Center for Finance and Securities Analysis, the Center for Sustainable Business Practices, and the James H. Warsaw Sports Marketing Center. The centers promote research collaboration among faculty members from different departments, facilitate student interactions with industry professionals, and provide practical, real-world learning opportunities.

Strong faculty involvement and the state-of-the art facilities of the Lillis Business Complex create an ideal learning environment. An emphasis on group work ensures that students get to know one another and their instructors well. In addition, a strong cohort model aids in developing solid working relationships and strong friendships. Finally, students enhance their education by participating in global and domestic experiential learning trips and co-curricular opportunities offered through the college's Professional Edge Program.

Two years of full-time study are needed to earn the minimum of 76 credits required for the degree. See the website (<https://business.uoregon.edu/programs/mba/>) for more information and admission requirements.

### Accelerated Program

The accelerated master's degree program is intensive, allowing outstanding undergraduate majors in business from an accredited institution to earn an MBA degree in nine or 15 months by taking a minimum of 49 credits over three or four terms. Applicants should have a strong overall academic record and significant full-time work experience. Students choose one of the four specializations listed above. See the website (<https://business.uoregon.edu/mba/degree-programs/accelerated/>) for more information.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Make sound business decisions by using fundamental business concepts in analyzing and synthesizing information.
- Be guided by ethical precepts in making business decisions.
- Think strategically in a global business context.
- Develop and communicate solutions to real world problems and/or opportunities.

| Code                | Title                               | Credits |
|---------------------|-------------------------------------|---------|
| <b>Core Courses</b> |                                     |         |
| ACTG 612            | Financial Accounting (Core Courses) | 3       |
| BA 661              | Oregon Advanced Strategy            | 3       |

|                                      |                                                  |           |
|--------------------------------------|--------------------------------------------------|-----------|
| or FIN 671                           | Corporate Finance and Valuation                  |           |
| BA 680                               | Data Visualization and Communication in Business | 3         |
| BA 721                               | Business Writing                                 | 1         |
| BE 625                               | Business Law and Ethics                          | 3         |
| FIN 612                              | Fundamentals of Finance                          | 3         |
| FIN 613                              | Managerial Economics                             | 3         |
| MGMT 612                             | Managing Individuals and Organizations           | 3         |
| MGMT 614                             | Strategic Management                             | 3         |
| MGMT 615                             | Leadership                                       | 3         |
| MGMT 623                             | Negotiation                                      | 3         |
| MGMT 640                             | Sustainable Business Development                 | 3         |
| MKTG 612                             | Marketing Management                             | 3         |
| OBA 612                              | Quantitative Methods for Managers                | 3         |
| OBA 613                              | Operations Management                            | 3         |
| Specialization and General Electives |                                                  | 33        |
| <b>Total Credits</b>                 |                                                  | <b>76</b> |

## Program Requirements

- Students are required to complete one of four center-affiliated specializations: Innovation & Entrepreneurship, Finance & Securities Analysis, Sports Business, or Sustainable Business Practices; Advanced Strategy and Leadership may be added as a second specialization.
- Students are required to complete a series of modules on facilitation skills designed to help them work more effectively in teams during their first year of the program.
- Students are required to complete a professional development plan during their first year of the program.
- Students are required to participate in a center-based series of modules on specialization-specific topics led by external presenters.
- Finance and Securities Analysis (p. 437)
- Innovation and Entrepreneurship (p. 437)
- Sports Business (p. 437)
- Sustainable Business Practices (p. 438)
- Advanced Strategy and Leadership (p. 436) (*Advanced Strategy and Leadership may only be added as a secondary specialization.*)

## Advanced Strategy and Leadership Specialization Requirements

| Code                                                            | Title                                      | Credits  |
|-----------------------------------------------------------------|--------------------------------------------|----------|
| <b>Required Courses:</b>                                        |                                            |          |
| BA 661                                                          | Oregon Advanced Strategy                   | 3        |
| MGMT 615                                                        | Leadership                                 | 3        |
| MGMT 623                                                        | Negotiation                                | 3        |
| <b>One course of the following for the Finance Requirement:</b> |                                            | <b>3</b> |
| ACTG 580                                                        | Accounting Data Analytics I                |          |
| ACTG 618                                                        | Taxes and Business Strategy                |          |
| ACTG 631                                                        | Financial Statement Analysis and Valuation |          |
| ACTG 662                                                        | Strategic Cost Management                  |          |
| FIN 671                                                         | Corporate Finance and Valuation            |          |
| FIN 673                                                         | Advanced Topics in Corporate Finance       |          |

|                                                                                         |                                          |          |
|-----------------------------------------------------------------------------------------|------------------------------------------|----------|
| FIN 685                                                                                 | Alternative Investments                  |          |
| <b>One course of the following for the Sustainable Business Requirement:</b>            |                                          | <b>3</b> |
| MGMT 543                                                                                | Life Cycle Assessment                    |          |
| MGMT 641                                                                                | Industrial Ecology                       |          |
| OBA 566                                                                                 | Project and Operations Management Models |          |
| OBA 577                                                                                 | Supply-Chain Operations and Information  |          |
| <b>One course of the following for the Marketing Requirement:</b>                       |                                          | <b>3</b> |
| OBA 555                                                                                 | Data Driven Predictive Modeling          |          |
| MKTG 660                                                                                | Marketing Research                       |          |
| MKTG 665                                                                                | Marketing Strategy                       |          |
| <b>One course of the following for the Innovation and Entrepreneurship Requirement:</b> |                                          | <b>3</b> |
| MGMT 510                                                                                | Experimental Course: [Topic]             |          |
| MGMT 620                                                                                | Managing Global Business                 |          |
| MGMT 625                                                                                | New Venture Planning                     |          |
| MGMT 635                                                                                | Opportunity Recognition                  |          |

## Finance and Securities Analysis Specialization

| Code                                                                | Title                                         | Credits   |
|---------------------------------------------------------------------|-----------------------------------------------|-----------|
| <b>Required Courses:</b>                                            |                                               |           |
| ACTG 631                                                            | Financial Statement Analysis and Valuation    | 4         |
| FIN 671                                                             | Corporate Finance and Valuation               | 3         |
| FIN 606                                                             | Practicum: [Topic] (Masters Investment Group) | 6         |
| FIN 683                                                             | Concepts of Investments                       | 3         |
| <b>Financial Markets Elective (minimum of 3 credits)</b>            |                                               | <b>3</b>  |
| FIN 562                                                             | Derivative Markets and Financial Institutions |           |
| FIN 675                                                             | Fixed Income Securities                       |           |
| <b>Specialization Electives (minimum of 6 credits) <sup>1</sup></b> |                                               | <b>6</b>  |
| ACTG 617                                                            | Taxation of Business                          |           |
| ACTG 618                                                            | Taxes and Business Strategy                   |           |
| ACTG 619                                                            | Taxation of Pass Through Entities             |           |
| FIN 564                                                             | Commercial Banking                            |           |
| FIN 610                                                             | Experimental Course: [Topic]                  |           |
| FIN 673                                                             | Advanced Topics in Corporate Finance          |           |
| FIN 687                                                             | Hedge Funds                                   |           |
| <b>Total Credits</b>                                                |                                               | <b>25</b> |

<sup>1</sup> If Finance 671 used to satisfy MBA core requirement then minimum of 9 specialization elective credits required.

## Innovation and Entrepreneurship Specialization

| Code     | Title                   | Credits |
|----------|-------------------------|---------|
| MGMT 635 | Opportunity Recognition | 3       |
| MGMT 625 | New Venture Planning    | 3       |
| MGMT 645 | New Venture Scaling     | 3       |

|                                |                                            |          |
|--------------------------------|--------------------------------------------|----------|
| MGMT 655                       | New Venture Execution                      | 4        |
| <b>Electives: <sup>1</sup></b> |                                            | <b>3</b> |
| BE 625                         | Business Law and Ethics                    |          |
| BIOE 610                       | Experimental Course: [Topic]               |          |
| FIN 671                        | Corporate Finance and Valuation            |          |
| FIN 685                        | Alternative Investments                    |          |
| J 548                          | Advertising Campaigns                      |          |
| J 624                          | Strategic Communication: [Topic]           |          |
| LAW 610                        | Experimental Course: [Topic]               |          |
| LAW 633                        | Business Planning                          |          |
| LAW 673                        | Patent Law and Policy                      |          |
| MGMT 510                       | Experimental Course: [Topic]               |          |
| MGMT 615                       | Leadership                                 |          |
| MGMT 620                       | Managing Global Business                   |          |
| MGMT 623                       | Negotiation                                |          |
| MGMT 640                       | Sustainable Business Development           |          |
| MKTG 660                       | Marketing Research                         |          |
| OBA 510                        | Experimental Course: [Topic]               |          |
| OBA 544                        | Business Database Management Systems       |          |
| OBA 555                        | Data Driven Predictive Modeling            |          |
| PPPM 581                       | Fundraising for Nonprofit Organizations    |          |
| PPPM 685                       | Social Enterprise                          |          |
| SBUS 645                       | Sports Product                             |          |
| SPD 650                        | Sports Product Materials and Manufacturing |          |

**Total Credits 16**

\* Law classes run on a semester basis. Semester credits are worth 1.5 times more than quarter credits. Thus, a 2-credit law class is worth 3 quarter credits. The credits listed here are quarter-credit equivalents. Students who wish to take a law class need to complete a non-law student enrollment request form.

<sup>1</sup> BE 625, MGMT 615, MGMT 623, MGMT 640 may not count toward both MBA core requirement and specialization elective requirement.

## Sports Business Specialization

| Code                                                                 | Title                                           | Credits  |
|----------------------------------------------------------------------|-------------------------------------------------|----------|
| <b>Required Courses:</b>                                             |                                                 |          |
| SBUS 650                                                             | Marketing Sports Properties                     | 3        |
| SBUS 652                                                             | Sports Sponsorship Alliances                    | 3        |
| SBUS 655                                                             | Economic Aspects of Sports                      | 3        |
| SBUS 645                                                             | Sports Product                                  | 3        |
| SBUS 653                                                             | Legal Aspects of Sports Business                | 3        |
| SBUS 606                                                             | Practicum: [Topic] (Strategic Planning Project) | 6        |
| <b>SBUS Specialization Electives (Minimum of 9 credits required)</b> |                                                 | <b>9</b> |
| OBA 510                                                              | Experimental Course: [Topic]                    |          |
| MKTG 515                                                             | Marketing Analytics                             |          |
| MKTG 660                                                             | Marketing Research                              |          |



|               |                                                    |    |
|---------------|----------------------------------------------------|----|
| J 560         | Brand Development: [Topic] (Sports Brand Strategy) |    |
| Total Credits |                                                    | 30 |

<sup>1</sup> SBUS 653 will substitute for BE 625 MBA core requirement for students in SBUS specialization.

## Sustainable Business Practices Specialization

| Code                                           | Title                                           | Credits |
|------------------------------------------------|-------------------------------------------------|---------|
| Required Courses                               |                                                 |         |
| MGMT 641                                       | Industrial Ecology                              | 3       |
| MGMT 543                                       | Life Cycle Assessment                           | 4       |
| MGMT 606                                       | Practicum: [Topic] (Strategic Planning Project) | 6       |
| SUST electives (Minimum of 9 credits required) |                                                 | 9       |
| MGMT 608                                       | Workshop: [Topic] (Clean Energy Finance)        |         |
| MGMT 610                                       | Experimental Course: [Topic]                    |         |
| OBA 544                                        | Business Database Management Systems            |         |
| OBA 566                                        | Project and Operations Management Models        |         |
| OBA 577                                        | Supply-Chain Operations and Information         |         |
| Total Credits                                  |                                                 | 22      |

## General Business Executive (MBA)

For more information, contact [oemba@uoregon.edu](mailto:oemba@uoregon.edu) ([oemba@oemba.uoregon.edu](mailto:oemba@oemba.uoregon.edu))

Designed for accomplished mid-to-senior managers, executives, entrepreneurs, and business leaders with demanding schedules, the Oregon Executive MBA in Portland is a transformational experience that gives already accomplished professionals the confidence and skills to become successful leaders in today's complex and global business world. Executive MBA programs are designed for those who want to work full time while earning a graduate degree in twenty months, with the summer off. Executive MBA programs cater to midcareer professionals positioning themselves to move up the corporate ladder by deepening their already broad knowledge base, by sharpening their skills, and by tackling problems their organization will face in the coming years.

Classes are held twice a month on consecutive Fridays and Saturdays. Courses are open only to students who apply and are admitted to this program. For more information, visit the admissions website (<https://business.uoregon.edu/programs/executive-mba/apply/>).

### Program Learning Outcomes

- Upon successful completion of this program, students will be able to:
- Analyze information and use fundamental business concepts to make strategic decisions.
  - Be guided by ethical precepts in making business decisions.
  - Think strategically in a global business context.
  - Develop and communicate solutions to real world problems and/or opportunities.

## General Business Executive Major Sports Product Management (MS)

For more information, contact [uospm@uoregon.edu](mailto:uospm@uoregon.edu)

The University of Oregon partnered with the sports and outdoor product Industry's best to create a Master of Science in Sports Product Management. Our mission is to build worldwide leaders in the sports product industry by offering hands-on opportunities to build products, networking with sports and outdoor industry leaders, and teaching through the lenses of global business, sustainability, and innovation. We teach the business of product creation.

The master's degree is available as an immersive, 18-month program onsite in Portland for emerging talent and an innovative, 21-month online program for working professionals. The Admissions process includes interviews and requires submission of specific materials. Information is found on the program's website (<https://business.uoregon.edu/spm/admissions/>).

### Program Learning Outcomes

- Upon successful completion of this program, students will be able to:
- Understand the components of developing a marketing plan and can apply them to developing a specific product and each step needed to bringing it to market.
  - Understand and can properly apply the concepts of accounting to the product development through go to market for a sports product.
  - Understand the subcomponents of a product strategy and are able to develop and execute each subcomponent.
  - Students understand the complexities of producing and marketing a product in a global setting.
  - Understand the elements of product design and use this understanding to develop products. In particular, sustainability, supply chain, prototyping, e-smart products and human physiology are considered and properly included in design.
  - Understand themselves and the principles of leadership and can apply them in making their teams successful.

### Sports Product Management Requirements

| Code     | Title                                                          | Credits |
|----------|----------------------------------------------------------------|---------|
| Insights |                                                                |         |
| SPM 601  | Research: [Topic] (Product Creation Lab I)                     | 1       |
| SPM 606  | Practicum: [Topic] (Professional Development I)                | 1       |
| SPM 610  | Experimental Course: [Topic] (Consumer Research)               | 3       |
| SPM 624  | Sports Product Branding                                        | 3       |
| SPM 627  | Sports Product Line Management                                 | 3       |
| SPM 631M | Human Performance and Sports Products                          | 3       |
| Creation |                                                                |         |
| SPM 601  | Research: [Topic] (Product Creation Lab II)                    | 1       |
| SPM 606  | Practicum: [Topic] (Professional Development II)               | 1       |
| SPM 610  | Experimental Course: [Topic] (Sourcing and Costing Strategies) | 3       |

|                      |                                                                       |           |
|----------------------|-----------------------------------------------------------------------|-----------|
| SPM 610              | Experimental Course: [Topic] (Sustainability in Sports Products)      | 3         |
| SPM 610              | Experimental Course: [Topic] (Design Thinking)                        | 3         |
| SPM 637              | Sports Product Development                                            | 3         |
| Europe trip          |                                                                       |           |
| <b>Business</b>      |                                                                       |           |
| SPM 601              | Research: [Topic] (Product Creation Lab III)                          | 1         |
| SPM 606              | Practicum: [Topic] (Professional Development III)                     | 1         |
| SPM 610              | Experimental Course: [Topic] (Sustainable Supply Chain and Logistics) | 3         |
| SPM 640              | Sports Marketing Strategy                                             | 3         |
| MGMT 614             | Strategic Management                                                  | 3         |
| Bend Company Visits  |                                                                       |           |
| <b>Global</b>        |                                                                       |           |
| SPM 601              | Research: [Topic] (Go-To-Market)                                      | 3         |
| SPM 653              | Law and Ethics in Sports Product Management                           | 3         |
| ACTG 612             | Financial Accounting                                                  | 3         |
| MGMT 620             | Managing Global Business                                              | 3         |
| MGMT 625             | New Venture Planning                                                  | 3         |
| Asia Trip            |                                                                       |           |
| <b>Launch</b>        |                                                                       |           |
| SPM 606              | Practicum: [Topic] (Capstone)                                         | 3         |
| SPM 606              | Practicum: [Topic] (Leadership I)                                     | 3         |
| SPM 606              | Practicum: [Topic] (Leadership II)                                    | 3         |
| <b>Total Credits</b> |                                                                       | <b>63</b> |

## Accounting (PhD)

### Jaewoo Kim, Program Coordinator

386 Lillis Hall  
541-346-3540  
jkim27@uoregon.edu (Jkim27@uoregon.edu)

The Lundquist College of Business Doctoral Program in Accounting prepares students for careers as accounting faculty at a college or university that values scholarly research.

We believe this objective can best be attained by having faculty work closely with students and monitoring their progress throughout the program. The accounting program also encourages joint research projects among faculty and students and maintains a learning environment that is supportive of the student. Our primary focus is to train students to use economic reasoning to produce research of sufficient quality to warrant publication in a top academic journal.

Faculty expertise in the Accounting PhD program focuses on federal income taxation, disclosure of financial information, and use of accounting information in corporate governance.

Please visit the Accounting PhD Program Coordinator website (<https://business.uoregon.edu/programs/phd/concentrations/accounting/>) page for requirement information.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire advanced knowledge relevant to their areas of specialization.
- Develop advanced research skills for their areas of specialization.
- Assume teaching responsibilities at high-quality colleges and universities.
- Successfully graduate and place at high-quality, research-focused colleges and universities.

## Finance (PhD)

### Youchang Wu, Program Coordinator

384 Lillis Hall  
541-346-5126  
ywu2@uoregon.edu

The Lundquist College of Business Doctoral Program in Finance develops scholars who become productive researchers and effective teachers at leading colleges and universities.

The program emphasizes analytical training in financial economics and quantitative methods and equips students to conduct original research on important problems that are of interest to both academics and practitioners in the field of finance.

Our faculty members are active researchers who publish regularly in top-tier scholarly finance journals and are widely recognized for their empirical research in the areas of corporate finance and investments.

Please visit the Finance PhD Program Coordinator website (<https://business.uoregon.edu/programs/phd/concentrations/finance/>) page for requirement information.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire advanced knowledge relevant to their areas of specialization.
- Develop advanced research skills for their areas of specialization.
- Assume teaching responsibilities at high-quality colleges and universities.
- Successfully graduate and place at high-quality, research-focused colleges and universities.

## Management (PhD)

### Chris Liu, Program Coordinator

477 Lillis Hall  
541-346-4855  
chrisliu@uoregon.edu

The Lundquist College of Business Doctoral Program in Management trains students to become researchers and educators in strategic management with a focus on technology, innovation, entrepreneurship, and sustainability.

Students have unsurpassed intellectual freedom. Our faculty is open-minded to the pursuit of novel research questions, approaches, and contexts. We do demand that our students create sound theoretical arguments, gather unique datasets, analyze them rigorously, and

consider managerial implications. We expect and enable our students to make a real contribution through both publishing and teaching.

Faculty research encompasses organizational change, supply-chain relationships, technology strategy, entrepreneurship, and sustainability.

Please visit the Management PhD Program Coordinator website (<https://business.uoregon.edu/programs/phd/concentrations/management/>) page for requirement information.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire advanced knowledge relevant to their areas of specialization.
- Develop advanced research skills for their areas of specialization.
- Assume teaching responsibilities at high-quality colleges and universities.
- Successfully graduate and place at high-quality, research-focused colleges and universities.

## Marketing (PhD)

**Ryan Rahinel, Program Coordinator**

477 Lillis  
rahinel@uoregon.edu

The Lundquist College of Business Doctoral Program in Marketing develops scholars who will be productive researchers and effective teachers at leading colleges and universities throughout the world.

The program emphasizes analytical training in marketing and quantitative methods along with economics or the behavioral sciences. It equips students to conduct original research on important problems that are of interest to both academics and practitioners in the field of marketing.

The marketing faculty have received their doctoral training at leading business schools and behavioral science departments. They are active researchers who publish regularly in scholarly marketing journals. Many have or currently serve on editorial review boards at prominent journals and are widely recognized for their research, including national research excellence awards.

Please visit the Marketing PhD Program Coordinator website (<https://business.uoregon.edu/programs/phd/concentrations/marketing/>) page for requirement information.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire advanced knowledge relevant to their areas of specialization.
- Develop advanced research skills for their areas of specialization.
- Assume teaching responsibilities at high-quality colleges and universities.
- Successfully graduate and place at high-quality, research-focused colleges and universities.

## Operations and Business Analytics (PhD)

**Eren Çil, Robert J. and Leona M. DeArmond Research Scholar, Program Coordinator**

483 Lillis  
541-346-8252  
erencil@uoregon.edu

The Lundquist College of Business Doctoral Program in Operations Management prepares students seeking academic and research careers.

Operations Management concerns how organizations should optimize business processes (e.g., production, distribution) and policies (e.g., staffing, pricing) both internally and within the broader supply chain.

Researchers in the operations management area address these complex decisions using rigorous research methods that require a solid foundation in model building, theory development, and data analysis. These foundational skills reflect the strength of the Lundquist College's Department of Operations and Business Analytics, whose faculty work closely with students within the operations management doctoral program.

In addition to its faculty, the Department of Operations and Business Analytics spans the areas of information systems and statistics, allowing doctoral students to benefit from coursework and research opportunities in two areas complementary to the operations management area. Due to the quantitative orientation of this PhD option, students entering the program should have interests that lie at the intersection of applied mathematics and business research.

Please visit the Operations and Business Analytics PhD Program Coordinator website (<https://business.uoregon.edu/programs/phd/concentrations/operations-management/>) page for requirement information.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire advanced knowledge relevant to their areas of specialization.
- Develop advanced research skills for their areas of specialization.
- Be able to assume teaching responsibilities at high-quality colleges and universities.
- Successfully graduate and place at high-quality, research-focused colleges and universities.

## Accounting

**Dane Christensen, Scharpf-Knight Chair in Accounting | Department Head**  
**Associate Professor of Accounting**

### Faculty

Dane Christensen, Scharpf-Knight Chair in Accounting; associate professor (corporate misconduct, corporate social responsibility, political economy). BA, 2003, Oregon State; BS, 2004, MActg, 2005, Oregon; PhD, 2013, Arizona. (2016)

Robin Clement, James F. and Shirley J. Rippey Senior Lecturer II of Accounting (consolidations, financial accounting theory); Director, Master of Accounting Program. BSBA, 1979, Ohio State; MBA, 1983, Wisconsin; PhD, 1994, Michigan State. (2003)

Angela Davis, Jack O. Rickli Professor (financial reporting, valuation); Senior Associate Dean, Academic Programs. BS, 1993, Idaho; PhD, 2001, Washington. (2006)

Qintao Fan, associate professor (earnings management, incentive compensation and capital budgeting, information economics, initial public offerings). BA, 1996, Renmin University of China; MA, 1998, Maryland; MS, 2001, PhD, 2004, Stanford. (2016)

Nicole Johnson, associate professor (managerial incentives, performance measurement); Academic Director, Undergraduate Programs. BS, 1996, MAcc, 1996, Brigham Young; MS, 2002, PhD, 2005, Stanford. (2013)

Drummond Kahn, professor of practice (auditing). BA, 1989, Whitman; MS, 1990, Oregon. (2000)

Jaewoo Kim, Booth Research Scholar, associate professor (capital markets, financial reporting, information intermediaries, financial accounting for income taxes); Coordinator, Accounting PhD Program. BA, 2000, Korea; MBA, 2004, Korea Advanced Institute of Science and Technology; PhD, 2013, Iowa. (2019)

Linda Krull, Tykeson Professor (capital structure decisions, effects of taxes on corporate financial reporting and investment). BS, 1992, Indiana; MAcc, 1994, Florida; PhD, 2001, Arizona. (2008)

Steven Matsunaga, Charles E. Johnson Memorial Professor of Accounting (corporate governance, managerial incentives, financial disclosure). BA, 1979, San Francisco State; MBA, 1984, William and Mary; PhD, 1992, Washington. (1992)

Sarah Nutter, Charles E. Kern Professor (impact of taxes and taxation structures on individuals and businesses, incentives and differences on institutional and individual behavior). BS, Ferris State; MBA, PhD, Michigan State. (2017)

Stephanie Peel, George E. Porter Accounting Faculty Fellow, professor of practice (financial, operational, compliance, and systems auditing; data analysis). BS, 1990, Washington University. (2018)

Kyle Peterson, Robert and Lois Braddock Research Scholar, associate professor (comparability, disclosure, financial statement complexity, revenue recognition). BS, 2001, MAcc, 2001, Brigham Young; PhD, 2008, Michigan. (2008)

Mary Savage, instructor. BS, 1997, MBA, 1999, JD, 2003, Oregon. (2021)

Joel Sneed, senior instructor I (accounting information systems, financial and international accounting, US corporate, international corporate, and individual taxation). BS, 1986, MBA, 1988, Appalachia State; MS, 1997, PhD, 2001, Arizona. (2000)

Michael Tomcal, senior instructor I (financial accounting, cost accounting, federal taxation). BS, 1982, DePaul; MEd, 2005, Oregon State; MActg, 2005, Oregon. (2006)

Jennifer Welander, instructor. BA, 1993, Oregon; MBA, 2013, Oregon. (2021)

Laura Wellman, Richard W. Lindholm Professor in Taxation, associate professor. BS, 2006, MT, 2007, PhD, 2014, Arizona State. (2023)

## Emeriti

Helen Gernon, professor emerit. BBA, 1968, Georgia; MBA, 1972, Florida Atlantic; PhD, 1978, Pennsylvania State; CPA, Florida. (1978)

David Guenther, professor emerit. BA, 1976, California State, San Bernardino; PhD, 1990, Washington. (2005)

Michele Henney, professor emerit. BS, 1982, California State; MS, 1988, Golden Gate; PhD, 1994, Oregon. (2004)

Ray King, professor emerit. BS, 1971, Montana State; MBA, 1974, Montana; PhD, 1980, Oregon; CPA, Montana. (1982)

Dale Morse, professor emerit. BA, 1969, MBA, 1975, Oregon; PhD, 1978, Stanford. (1991)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Finance

**John Chalmers, Abbott Keller Professor of Finance | Department Head  
Professor of Finance**

### Faculty

Deborah Bauer, Peter and Molly Powell Senior Instructor II of Finance (investment strategies, competitive analysis). BS 1997, Bryant; MS, 2001, Oregon. (2001)

Ioannis Branikas, assistant professor (household finance, corporate social responsibility, mutual funds). BA, 2010, MSc, 2012, Athens University of Economics and Business; MA, 2014, PhD, 2018, Princeton. (2018)

Roger Busse, professor of practice, BA, Reed; MTS, Harvard. (2021)

Maria Chaderina, assistant professor (capital structure, liquidity management, financial intermediation). BS, 2007, London; BS, 2007, Higher School of Economics; PhD, 2013, Carnegie Mellon. (2019)

John Chalmers, Abbott Keller Professor of Finance (household finance, municipal bond markets, mutual funds, retirement behavior, transaction costs); Head, Department of Finance. BA, 1985, Middlebury; MS, 1992, PhD, 1995, Rochester. (1996)

Diane Del Guercio, Gerry and Marilyn Cameron Professor in Finance (corporate governance, institutional investors, pension funds and mutual funds); Senior Associate Dean, Faculty Affairs. BA, 1986, California, Santa Barbara; MA, 1989, PhD, 1994, Chicago. (1994)

Ali Emami, senior instructor II (economics of the public accounting profession, international trade and finance). BS, 1972, National University of Iran; MS, 1980, Oregon; PhD, 1988, Oregon State. (1991)

Roberto Gutierrez, associate professor (asset pricing, return anomalies, trading of institutional money managers); Academic Director, Master of Science in Finance Program. BS, 1992, Tulane; PhD, 1999, North Carolina. (2003)

Brandon Julio, Alumni Investment Management Research Scholar, associate professor (corporate investment, international finance, mergers and acquisitions, payout policy, politics and finance, capital structure).



BA, 1998, Brigham Young; MS, 2001, South Carolina; MS, 2005, PhD, 2007, Illinois, Urbana-Champaign. (2014)

Stephen McKeon, associate professor (cryptocurrency, venture capital, private equity). BS, 2000, Oregon; MS, 2009, PhD, 2011, Purdue. (2011)

Derek Nalle, senior instructor I (greening economies and investment); Program Manager, Cameron Center for Finance and Securities Analysis. BS Miami University; MS, PhD, Oregon State (2001)

Robert Ready, Robert J. and Leona M. DeArmond Research Scholar, associate professor (asset pricing, commodities, international finance, macroeconomics). BA, 2003, Carnegie Mellon; MS, 2008, PhD, 2011, Pennsylvania. (2017)

Zhi "Jay" Wang, Alumni Investment Management Research Scholar, associate professor (asset management, institutional investors, market liquidity). BA, 1994, Peking (Beijing); MS, 1998, PhD, 2000, Iowa State; PhD, 2004, Michigan, Ann Arbor. (2012)

Michael Wismer, instructor (real estate). BA, 1970, MS, 1974, Brigham Young. (1996)

Youchang Wu, John B. Rogers Research Scholar, associate professor (asset pricing, corporate finance); Coordinator, Finance PhD Program. BS, 1994, MS, 1996, Peking, Beijing; PhD, 2004, Vienna. (2015)

## Emeriti

Larry Dann, professor emerit. BS, 1967, Northwestern; MBA, 1969, Harvard; PhD, 1980, California, Los Angeles. (1977)

Jennifer Ellis, senior instructor I emerit. BA, 1977, MA, 1978, University of Essex; PhD, 1992, Oregon (1997)

Jerome Dasso, professor emerit. BS, 1951, Purdue; MBA, 1952, Michigan; MS, 1960, PhD, 1964, Wisconsin, Madison. (1966)

Wayne Mikkelsen, professor emerit. BA, 1974, Macalester; MS, 1978, PhD, 1980, Rochester. (1984)

George Racette, associate professor emerit. BA, 1966, Stanford; MBA, 1967, Michigan; PhD, 1972, Washington. (1974)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Participating

Glen R. Waddell, professor (applied econometrics, industrial organization, labor economics). See **Economics**.

## Management

**David Wagner, Doug McKay Research Scholar | Department Head  
Associate Professor of Management**

## Faculty

Eric Boggs, instructor (experiential learning, leadership development, resilient leadership, outdoor education and wilderness leadership development, social impact, responsibility, and entrepreneurship); Director, Business Honors Program. BA, 2001, Lewis and Clark College; MA, 2010, Pacific; MS, 2011, Oregon. (2017)

Tina Boscha, instructor. BA, Calvin College; MA, 1997, Wisconsin; MFA, 2002, Oregon. (2019)

Thomas Cieslak II, senior instructor I. BS, MA, Wayne State; PhD, 2004, The Ohio State. (2022)

Kay Crider, instructor (business law, environmental law, litigation). BA, 1986, California; JD, 1989, Chicago-Kent College of Law. (2010)

Michael Crooke, professor of practice. BS, MBA, Humboldt; PhD, Claremont. (2012)

John Davis, professor of practice (business sustainability, international business and brand strategy, leadership, marketing and sales management, marketing measurement and accountability, sports marketing); Program Manager, Center for Sustainable Business Practices. BA, 1982, Stanford; MBA, Columbia, 1990. (2022)

Scott Day, Peter and Molly Powell Senior Instructor of Management. BA, 1980, Wisconsin; JD, 1984, Toledo (2022)

Khonika Gope, assistant professor. BS, 2007, Bangladesh University; MBA, 2010, Emory; PhD, 2023, Stanford. (2023)

Ralph Heidl, Inman Research Scholar, associate professor (collaborative networks, innovation management, intellectual property strategy, technology entrepreneurship). MS, 1994, MS, 2000, Pennsylvania State; PhD, 2010, Washington. (2015)

Greg Hennessy, instructor. BS, 1987, Houston; MS, 1989, California Institute of Technology; MS, 1993, Massachusetts Institute of Technology; PhD, 2021, Claremont. (2021)

Dan Howard, instructor. (business law, negotiations, professional ethics, and tax research). BA, 1996, Ohio State; JD, 2000, California (2022)

Jody Johannessen, senior instructor I (management strategy, organizational behavior, and international business). AB, Princeton; MBA, MM, 2000, Northwestern (2022)

Chuck Kalnbach, Thomas E. Wildish Senior Instructor II of Management (generations in the workplace, organizational development). BA, 1991, Thomas Edison State; MS, 1995, Indiana, Bloomington; EdD, 2008, Nova Southeastern. (2003)

Lauren Lanahan, Inman Research Scholar, associate professor (high tech ventures, research and development, institutions, public policy). BA, 2006, Reed College; MA, 2013, PhD, 2015, North Carolina. (2015)

Nathan Lillegard, instructor (early-stage finance and operations, new venture development, technology transfer and licensing, venture capital and business funding). BA, 1998, MBA, 2006, Oregon. (2012)

Chris Liu, associate professor (entrepreneurship, scientists, social influences); Coordinator, Management PhD Program. BA, 1997, Washington; PhD, 2005, Massachusetts Institute of Technology; DBA, 2010, Harvard. (2019)

Farhad Malekafzali, instructor (American institutions, international relations, comparative government). PhD, 1994, Wisconsin. (2012)

Emily Moore, instructor. BS, 2002, New Hampshire; MS, 2019, Oregon. (2019)

Alex Murray, assistant professor (crowdfunding, decentralized governance, distributed ledger technology, entrepreneurship,



innovation, resource mobilization, technology entrepreneurship, venture finance). BS, 2011, Alabama; MS, 2012, Virginia; PhD, 2018, Washington. (2019)

Andrew Nelson, Randall C. Papé Chair in Entrepreneurship and Innovation, professor (entrepreneurship, innovation, interorganizational networks, occupations and technology, research commercialization). BA, 1998, Stanford; MS, 2000, Oxford; PhD, 2007, Stanford. (2008)

Amy Nuetzman, instructor. BA, 1997, Western Oregon; MA, 2000, New Mexico Highlands. (2019)

Natasha Overmeyer, assistant professor. AB, 2013, Harvard; PhD, 2023, Stanford. (2023)

Anne Parmigiani, Carolyn S. Chambers Professor of Management (capabilities, firm boundaries, firm capabilities, interfirm relationships, knowledge transfer, supply chain management, vertical interfirm relationships). BS, 1987, MBA, 1996, Pennsylvania State; PhD, 2003, Michigan, Ann Arbor. (2004)

Mike Russo, professor (corporate policy and strategy, entrepreneurship, environmental management, technology and sustainability). BS, 1979, Columbia; MS, 1980, Stanford; MBA, 1986, PhD, 1989, California, Berkeley. (1989)

Mindy Schindler, instructor. BS, 2010, Towson; MBA, 2012, Chadron State (2022)

Steve Schmidt, instructor. BS, 1992, Oregon State; MBA, 2011, Northwest Christian. (2016)

Joshua Skov, senior instructor I (life-cycle assessment, clean energy finance, carbon accounting); Academic Director and Industry Mentor, Center for Sustainable Business Practices. BA, 1992, Yale; MA, 1994, Washington; MA, 1997, California, Berkeley. (2009)

Tina Starr, senior instructor I (business management, expatriates, human resources management, international business, international human resources management). BSc, 2000, Derby; MSc, 2001, PhD, 2006, Nottingham. (2011)

Jeffrey Stolle, Bashaw Senior Instructor II of Management (ethics, critical thinking). BA, 1990, St. Thomas - Minnesota; MA, 1994, Vanderbilt; PhD, 2001, Oregon. (2007)

David Wagner, Doug McKay Research Scholar, associate professor (human sustainability, work-life interface, mood and emotion, sleep and work); Head, Department of Management. BS, 2002, MAcc, 2004, Brigham Young; PhD, 2009, Michigan State. (2014)

Peter A. Younkin, Inman Research Scholar, associate professor (entrepreneurship, diversity, cultural industries). BA, 1999, Columbia; PhD, 2010, California, Berkeley. (2018)

## Emeriti

David Dusseau, senior instructor I emerit. BS, 1974, Ohio State; MBA, 1985, PhD, 1992 Oregon. (1984)

Warren Brown, professor emerit. BS, 1955, Colorado; MS, 1957, Stanford; MS, 1959, PhD, 1962, Carnegie-Mellon. (1967)

Beth Hjelm, senior instructor I emerit. BA, 1980, Notre Dame; MS, 1982, Kellogg School of Management. (2002)

Alan Meyer, professor emerit. BA, 1968, MBA, 1970, Washington; PhD, 1978, California, Berkeley. (2009)

Peter Mills, professor emerit. BS, 1970, MBA, 1971, California State, Long Beach; PhD, 1978, Stockholm; PhD, 1980, California, Irvine. (1995)

Rick Mowday, professor emerit. BS, 1970, San Jose; MS, 1972, PhD, 1975, California, Irvine. (1977)

Bill Starbuck, courtesy professor in residence emerit. AB, 1956, Harvard College; MS, 1959, PhD, 1964, Carnegie Institute of Technology. (2017)

Richard Steers, professor emerit. BA, 1967, Whittier; MBA, 1968, Southern California; PhD, 1973, California, Irvine. (1975)

James Terborg, professor emerit. BA, 1970, Calvin; MS, 1972, Eastern Michigan; PhD, 1975, Purdue. (1980)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Marketing

**T. Bettina Cornwell, Philip H. Knight Chair | Department Head  
Professor of Marketing**

### Faculty

Ashley Angulo, assistant professor (persuasion, charitable decision-making, psychological ownership); Co-Director, Business Research Institute. BA, 2010, Chicago; PhD, 2017, California. (2019)

John Clithero, assistant professor (computational modeling, decision making, consumer neuroscience, behavioral economics). BA, 2005, Pomona College; MA, 2007, PhD, 2011, Duke. (2018)

T. Bettina Cornwell, Philip H. Knight Chair, professor (advertising, corporate sponsorship, marketing, public policy, sports marketing); Head, Department of Marketing. BA, 1981, Florida State; MBA, 1983, PhD, 1988, Texas, Austin. (2010)

Yoav Dubinsky, instructor (sports marketing, place branding, public diplomacy, sports communication, international sports, sports and society). BA, 2006, MA, 2008, Tel Aviv; MA, 2011, Peloponnese; PhD, 2015, Tennessee. (2018)

Mark Francis, senior instructor I. BSED, 1994, MA, MBA, 2009, New Brunswick. (2023)

Jessica Gamlin, assistant professor (brands, consumer behavior, goals and motivation, identity, instrumentality); Co-Director, Business Research Institute. BA, 2006, Pennsylvania; MBA, 2012, HEC Paris; PhD, 2019, Northwestern. (2019)

Joshua A. Gordon, Woodard Family Foundation Fellow, senior instructor (strategy, consensus building); Faculty Athletics Representative. BA, 1995, Massachusetts, Amherst; MA, 2005, Massachusetts, Boston; JD, 2008, Suffolk. (2013)

Conor M. Henderson, Judy and Hugh Oliphant Research Scholar, associate professor (customer loyalty, digital and sports marketing). BA, 2008, Gonzaga; MS, 2010, PhD, 2013, Washington. (2013)

Julie Irwin, professor. BA, William and Mary; MA, PhD, Colorado. (2023)

Craig Leon, Woodard Family Foundation Fellow, instructor. BS, 2007; MS, 2009, Ohio. (2015)

Nick Light, assistant professor. BA, 2008, Vermont; MA, 2010, Chicago; PhD, 2021, Colorado, Boulder. (2023)

Noelle Nelson, assistant professor (information processing, working memory, brand logos, aesthetics in marketing); Co-Director, Business Research Institute. BS, 2006, PhD, 2012, Minnesota. (2008)

Ryan Rahinel, associate professor. BComm, 2008, Ryerson; PhD, 2014, Minnesota. (2023)

Leah Schneider, senior instructor I (marketing communications). BA, 2005, Brigham Young; PhD, 2017, York. (2015)

Utsav Shenava, instructor (advertising, brand strategy, marketing strategy, digital marketing). BS, 2008, NIT Calicut; MBA, 2014, Syracuse; MS, 2016, Phd, 2019, Purdue. (2021)

Hong Yuan, professor (retailing, pricing, promotion, services marketing, sustainable and ethical consumptions behavior economics, pricing); Coordinator, Marketing PhD Program. BS, 1997, Fudan; MA, 2001, PhD, 2005, Michigan. (2013)

Jiao Zhang, Doug McKay Research Scholar, associate professor (behavior decision theory, international marketing, marketing research, principles of marketing). BS, 1997, MS, 2000, Shanghai Jiao Tong; PhD, 2006, Chicago. (2014)

## Emeriti

Gerald Albaum, professor emerit. BA, 1954, MBA, 1958, Washington; PhD, 1962, Wisconsin, Madison. (1969)

Roger Best, professor emerit. BSEE, 1968, California State Polytechnic; MBA, 1972, California State, Hayward; PhD, 1975, Oregon. (1980)

David Boush, professor emerit. BA, 1975, MBA, 1977, Wisconsin; PhD, 1988 Minnesota (1987)

Michael Dore, instructor emerit. BS, 1971, MBA, 1972, Southern California. (1996)

Anne Forrestel, senior instructor emerit. BA, 1972, Williams College; MS, 1974, MBA, 1985, Michigan, Ann Arbor. (1997)

Marian Friestad, professor emerit. BA, 1981, MA, 1984, PhD, 1989, Wisconsin, Madison. (1987)

Del Hawkins, professor emerit. BBA, 1966, MBA, 1967, PhD, 1969, Texas. (1970)

Dennis Howard, professor emerit. BS, 1966, Oregon; MS, 1968, Illinois; PhD, 1974, Oregon State. (1997)

Lynn Kahle, professor emerit. BA, 1973, Concordia; MA, 1974, Pacific Lutheran; PhD, 1977, Nebraska. (1983)

Douglas Wilson, senior instructor II emerit. BS, 1978, Oregon State; MBA, 1990, Oregon. (1994) Mark Phelps, senior instructor emeritus. BS, 1972, JD, 1975, MBA, 1980, Oregon. (1979)

Peter Wright, professor emerit. BA, 1966, North Carolina State; MBA, 1968, Virginia; PhD, 1971, Pennsylvania State. (1997)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

# Operations and Business Analytics

**Michael Pangburn, Ehrman V. Guistina Professor | Department Head Professor of Operations and Business Analytics**

## Faculty

Eren Çil, Robert J. and Leona M. DeArmond Research Scholar, associate professor (game theory, queueing theory, service operations, strategic pricing and competition, supply chains); Coordinator, Operations and Business Analytics PhD Program; Academic Director, Oregon MBA. BS, 2004, Middle Eastern Technical; MS, 2006, Koç; PhD, 2010, Northwestern. (2010)

Erik Ford, senior instructor I (information technology). BS, 2013, MBA, 2015, Oregon. (2015)

Ming Jin, instructor (operations management, business analytics, supply chain management). BE, 2001, Shanghai Jiao Ton University; MS, 2005 Brigham Young; MS, 2007, Columbia; PhD, 2016, Utah. (2017)

Nagesh Murthy, Roger Engemann Professor (call center industry, health-care operations). BE, 1982, MMS, 1983, Birla Institute of Technology and Science; MS, 1988, MA, 1994, PhD, 1997, Ohio State. (2003)

Michael Pangburn, Ehrman V. Giustina Professor (retail operations, pricing models, product line design). BS, 1990, Virginia Polytechnic Institute and State Univ. MS, 1993, PhD, 1997, Rochester. (2002)

Pradeep Pendem, assistant professor (operational performance impact on financial outcomes, people operations, retail, healthcare, energy product delivery, customer contact services). BE, 2006, Andhra; MTech, 2008, Indian Statistical Institute; MS, 2015, PhD, 2018, North Carolina. (2018)

Saeed Piri, assistant professor (business and data analytics, machine learning, healthcare analytics, operations analytics, decision support systems). BS, 2008, Amirkabir University of Technology; MS, 2011, Sharif University of Technology; PhD, 2017, Oklahoma State. (2018)

Behrooz Pourghannad, assistant professor (health care, business model innovation, supply chain management). BS, 2008, Azad University; MA, 2013, Sabanci University, Turkey; MA, 2015, Michigan; PhD, 2019, Minnesota. (2022)

Yasamin Vahdati, instructor (empirical strategy, CEO and CMO activism). BSc, 2009, Azad; MBA, 2013, Mazandaran University of Science and Technology; PhD, 2019, Oklahoma State. (2020)

Zhibin "Ben" Yang, Edwin E. and June Woldt Cone Research Scholar, associate professor (applied machine learning and machine learning in business; operations research; supply chain contract design, management, risk management, and sustainability). BS, 1994, Southwest Jiaotong; MS, 2002, Arizona State; PhD, 2009, Michigan. (2009)

Fang Yin, senior instructor I (business value of IT, electronic commerce, recommender systems). BA, 1992, Peking, Beijing; PhD, 2002, Texas, Austin. (2008)

## Emeriti

Sergio Koreisha, professor emerit. BA, 1974, ME, 1975, California; DBA, 1980. Harvard. (1980)

James Reinmuth, professor emerit. BA, 1963, Washington; MS, 1965, PhD, 1969, Oregon State. (1967)

Larry Richards, associate professor emerit. BA, 1962, MBA, 1963, Washington; PhD, 1969, California, Los Angeles. (1966)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

# College of Design

## Adrian Parr, Dean

541-346-3631  
105 Lawrence Hall

A unique academic ecosystem, the College of Design includes not only creative practitioners—artists, architects, and designers—but also social scientists, humanities scholars, engineers, economists, biologists, planners, and policy makers. Using diverse methods, we are asking critical questions and tackling complex problems. The college (founded in 1914 and formerly known as the School of Architecture and Allied Arts) has degree programs in both Eugene and Portland.

The College of Design comprises three schools and one independent department:

- School of Architecture and Environment (p. 446)
- School of Art + Design (p. 472)
- School of Planning, Public Policy and Management (p. 488)
- Department of the History of Art and Architecture (p. 483)

## Architecture and Environment

The School of Architecture and Environment is nationally recognized for its innovation and sustainability research including the design of buildings, interiors, landscapes and communities. We are committed to the principles of civic responsibility, environmental sustainability, international understanding, and interdisciplinary education. The School of Architecture and Environment is located on the University of Oregon campus in Eugene, and at the historic White Stag Block in Portland.

## Architecture

### Michael Zaretsky, Department Head

541-346-3656  
210 Lawrence Hall  
1206 University of Oregon  
Eugene, Oregon 97403-1206

Portland Architecture Programs  
70 NW Couch St.  
Portland, Oregon 97209  
503-412-3718

Students of architecture learn how to make physical changes to their surroundings that enhance the quality of the built environment and their community's experience of life. Within this broad purpose, architectural study and practice include the tasks of providing shelter and environmental protection, providing appropriate settings for human activities, and creating forms that are aesthetically pleasing and supportive of social well-being. In the context of rapid urbanization, climate change, transforming economies, emerging technologies, growing inequalities, and other challenges, the potential impact and value of architectural design has never been greater.

Because interdisciplinary collaboration is key to the practice of architecture, the Department of Architecture shares classes and facilities with the Interior Architecture Program and the Department of Landscape Architecture in Eugene and the Historic Preservation Program in

Portland, all units within the College of Design's School of Architecture and Environment.

A central part of education in the field of architecture is the design studio, where students learn by doing—hands-on application of knowledge and skills toward the design of buildings. This type of learning is demanding, and students are expected to stay motivated and work independently and responsibly toward program and course objectives. In the design studio, continuous evaluation and response are the basic learning modes.

The department sets high standards for student performance. Advanced students often work together in courses and as collaborators with faculty members in research investigations through independent-study courses.

## Faculty

Kyu-Ho Ahn, associate professor (interior architecture). BFA, 1992, Hong-Ik; MFA, Iowa State. NCIDQ certificate. (2008)

Juli Brode, senior instructor.

G. Z. Brown, professor (design, environmental control systems, effect of energy and material conservation on architectural form). BA, 1964, MA, 1966, Michigan State; MBA, 1971, Akron; MArch, 1974, Yale; reg. architect, Oregon; fellow, American Institute of Architects. (1977)

Virginia Cartwright, associate professor (design, Finnish architecture, lighting). AB, 1975, California, Berkeley; MArch, 1981, Oregon. (1986)

Nancy Yen-Wen Cheng, associate professor (design, digital media). BA, 1983, Yale; MArch, 1990, Harvard; reg. architect, Massachusetts (inactive); NCARB certificate. (1996)

Donald B. Corner, professor (design, construction systems, housing production). BA, 1970, Dartmouth College; MArch, 1974, California, Berkeley; reg. architect, Massachusetts. (1979)

Howard Davis, professor (design, urban vernacular architecture, culturally sustainable urban districts); director, graduate studies. BS, 1968, Cooper Union; MS, 1970, Northwestern; MArch, 1974, California, Berkeley; Association of Collegiate Schools of Architecture Distinguished Professor. (1986)

Mark Donofrio, associate professor (design, structures, interdisciplinary design). BA, 2004, Illinois, Chicago; MArch, 2006, Illinois, Urbana-Champaign; reg. architect, Illinois. (2010)

Stephen F. Duff, associate professor (design; structures, construction, and design-build; naval architecture). BA, 1985, Washington (Seattle); MArch, 1988, MS, 1993, California, Berkeley. (1994)

Ihab Elzeyadi, professor (design, environmental control systems). BArch, 1988, Graduate Diploma in Architectural Engineering, 1990, Ain Shams University; MS, 1996, Pennsylvania State; PhD, 2001, Wisconsin, Milwaukee; reg. architect, reg. engineer, Egypt. (2001)

Michael E. Fifield, professor (design, housing, urban design). BA, 1973, California, Berkeley; MArch, 1980, California, Los Angeles; reg. architect, Oregon, Arizona, Idaho; NCARB certificate; fellow, American Institute of Architects; member, American Institute of Certified Planners. (1998)

Gerald Gast, associate professor (urban and architectural design, urban studies). BArch, 1967, MArch, 1969, Illinois; reg. architect, California. (1994)

Donald Genasci, professor (history and theory, architecture and urban design). BArch, 1963, Oregon; Dipl. in Urban Design, 1965, Architecture Association; MA, 1974, Essex; reg. architect, Oregon, NCARB certificate; Architects' Registration Council of the United Kingdom. (1977)

Mark Gillem, professor (urban design, social and cultural factors in design). BArch, 1989, Kansas; MArch, 1996, PhD, 2004, California, Berkeley; reg. architect, California, South Dakota; NCARB certificate; member, American Institute of Architects, American Institute of Certified Planners. (2005)

James W. Givens, senior instructor (design, design theory and process). BArch, 1985, MArch, 1989, Oregon. (1986)

Esther Hagenlocher, associate professor (architecture, interior architecture). Certificate of Profession—Cabinet Maker, 1987, Technical College, Stuttgart; DiplIng, 1994, State Academy of Art and Design, Stuttgart; MArch, 1998, University College, London; reg. architect, Germany (inactive). (2004)

Peter A. Keyes, associate professor (design, housing research and building technology, community design). AB, 1978, Harvard; MArch, 1983, Columbia; reg. architect, New York (inactive). (1990)

Solmaz Mohammadzadeh Kive, assistant professor (interior, history and theory). MArch, 2005, Shahid Beheshti; MArch, 2010, McGill; reg. architect, Tehran. (2017)

Alison G. Kwok, professor (design, environmental control systems). BA, 1977, Knox; MEd, 1980, Hawaii; MArch, 1990, PhD, 1997, California, Berkeley; reg. architect, California, Oregon; NCARB certificate; certified passive house consultant. (1998)

Nico Larco, professor (design, urban design, suburban development). BA, BArch, 1996, Cornell; MArch, MCUP, 2001, California, Berkeley; reg. architect, Massachusetts, NCARB certificate. (2005)

Erin Moore, associate professor (design, technology, media). BA, 1996, Smith; MArch, 2003, California, Berkeley; reg. architect, Arizona; NCARB certificate. (2008)

Brook Muller, associate professor (design theory, environmentally responsive architecture); associate dean for academic affairs. BA, 1987, Brown; MArch, 1992, Oregon. (2004)

Hans Joachim Neis, associate professor (urban and architectural design and theory). DiplIng, Darmstadt, 1976; MArch, 1979, MCP, 1980, PhD, 1989, California, Berkeley; reg. architect, urban designer, Germany. (2000)

Kevin Nute, professor (design history and theory, time-sensitive buildings). BA, 1981, BArch, 1985, Nottingham; PhD, 1993, Cambridge. (2000)

Otto P. Poticha, adjunct associate professor (design, architectural practice, community involvement in physical change). BS, 1958, Cincinnati; reg. architect, California, Colorado, Illinois (inactive), New Mexico, Oregon, Virginia (inactive), Washington, Washington, D.C. (inactive); NCARB certificate; fellow, American Institute of Architects. (1962)

Siobhan Rockcastle, assistant professor (design, lighting, environmental psychology); director, Baker Lighting Laboratory. BArch, 2008, Cornell; SMArchS, 2011, Massachusetts Institute of Technology; PhD, 2017, École polytechnique fédérale de Lausanne. (2017)

John S. Rowell, associate professor (design, construction, building enclosure). BS, 1984, British Columbia; MArch, 1990, Oregon; reg. architect, Washington, Oregon, California; NCARB certificate; member, American Institute of Architects. (1996)

Judith E. Sheine, professor (design, history and theory, housing). AB, 1975, Brown; MArch, 1979, Princeton; reg. architect, California. (2012)

Philip Speranza, associate professor (design, design communications). BS, 1997, Virginia; MArch, 2002, Columbia; reg. architect, California, New York. (2011)

Robert L. Thallon, associate professor (design, media, construction). BA, 1966, California, Berkeley; MArch, 1973, Oregon; reg. architect, Oregon, California. (1979)

Roxi Thoren, associate professor. See **Landscape Architecture**.

James T. Tice, professor (urban design, architectural history and theory). BArch, 1968, MArch, 1970, Cornell; reg. architect, California. (1990)

Glenda Fravel Utsey, associate professor (design, site-specific process and skill development, settlement patterns). BArch, 1971, MLA, 1977, Oregon. (1981)

Kevin G. Van Den Wymelenberg, professor; director, Energy Studies in Buildings Laboratory. BS, 2000, Wisconsin, Milwaukee; MArch, 2002, PhD, 2012, Washington (Seattle). (2015)

Daisy-O'lice Ida Williams, associate professor (design, design communications); BS, 2002, MArch, 2005, Florida A&M. (2011)

Jenny Young, professor (design, programming, health-care facilities). BA, 1970, Vassar; MArch, 1974, California, Berkeley; reg. architect, Oregon. (1982)

Linda K. Zimmer, associate professor (design, media, behavioral factors). BIArch, 1982, Kansas State; MIArch, 1990, Oregon; NCIDQ certificate; member, Institute of Business Designers. (1990)

## Courtesy

Edward Allen, courtesy professor (technical teaching program). BArch, 1962, Minnesota; MArch, 1964, California, Berkeley; reg. architect, Massachusetts. (2001)

## Emeriti

Wilmot G. Gilland, professor emeritus. AB, 1955, MFA, 1960, Princeton; reg. architect, California, Oregon; Fellow, American Institute of Architects. (1969)

Arthur W. Hawn, professor emeritus. BA, 1961, MA, 1964, Washington State; Fellow, Interior Design Educators Council. (1967)

Earl E. Moursund, professor emeritus. BS, 1949, Texas; MArch, 1951, Cranbrook Academy of Art; reg. architect, Texas. (1955)

Gary W. Moye, associate professor emeritus. BArch, 1967, Oregon; MArch, 1968, Pennsylvania; reg. architect, Pennsylvania, New York, Oregon. (1976)

Donald L. Peting, associate professor emeritus; assistant dean, architecture and allied arts. BArch, 1962, Illinois; MArch, 1963, California, Berkeley; reg. architect, Oregon, Washington. (1963)



James A. Pettinari, professor emeritus. BArch, 1966, Minnesota; MArch, 1970, Pennsylvania; reg. architect, Minnesota; NCARB certificate. (1975)

Guntis Plesums, professor emeritus. BArch, 1961, Minnesota; MArch, 1964, Massachusetts Institute of Technology; reg. architect, Oregon, New York. (1969)

John S. Reynolds, professor emeritus. BArch, 1962, Illinois; MArch, 1967, Massachusetts Institute of Technology; reg. architect, Oregon; fellow, American Institute of Architects; Association of Collegiate Schools of Architecture Distinguished Professor. (1967)

Michael D. Utsey, associate professor emeritus. BArch, 1967, Texas; MEVD, 1971, Yale; reg. architect, Oregon. (1967)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

**Major - Bachelor's Degree**

- Architecture (BArch) (p. 448)

**Minor**

- Architecture (p. 449)

**Majors - Master's Degree**

- Architecture (MArch) (p. 450)
- Architecture (MS) (p. 452)

**Major - Doctoral Degree**

- Architecture (PhD) (p. 452)

**Certificates**

- Ecological Design (p. 453)
- Technical Teaching in Architecture (p. 454)

**Specializations**

- Architectural Technology (p. 454)
- Housing (p. 454)
- Interior Architecture (p. 454)
- Urban Architecture and Urban Design (p. 454)
- Urban Historic Preservation (p. 454)

**Architecture (BArch)**

Architecture is about learning to make physical changes to our surroundings that enhance the quality of the built environment and our experience of life. This broad purpose includes providing shelter and environmental protection with the highest standards for energy efficiency and environmentally sustainable architecture, designing appropriate settings for human activities, and creating forms that are aesthetically pleasing and supportive of social well-being and environmental health.

While basics are taught in Eugene, as an advanced student, you may also study and work in the exciting urban setting of Portland at the UO's White Stag Block. The Department of Architecture at the UO offers a large number of special topic courses, and a robust program of visiting architects from around the world who come to campus to lecture and teach. The department's exceptional faculty bring strengths to a wide variety of areas that include:

- healthy built environments
- sustainable, resilient design
- housing and urban design
- design process and theory
- art and science of building
- computational design
- lighting and lighting design

The Department of Architecture at the University of Oregon is accredited by the National Architectural Accrediting Board (NAAB). The program leading to the B.Arch degree is a vibrant and collaborative learning environment that prepares students to be value-based leaders in the architecture and design disciplines as well as within the communities in which they work and live.

**Program Learning Outcomes**

- Upon successful completion of this program, students will be able to:
- Demonstrate knowledge of issues of social justice and environmental sustainability as core components of a dynamic design process between built and natural environments.
  - Demonstrate the critical thinking, values, knowledge, skills, and practices they need to create meaningful architecture that resonates with people and their cultural, physical, and ecological worlds.
  - Develop a holistic design process that integrates human experience and building systems across a range of scales considering innovative approaches, methods and technologies.
  - Develop a critical understanding of the histories and theories of architecture and urbanism as framed by diverse social, cultural, economic, and political forces, nationally and globally.
  - Develop a capacity for collaboration along with an ability to communicate with diverse constituencies.
  - Understand the paths to becoming licensed as an architect and the associated professional ethics, regulatory requirements, and fundamental business processes relevant to architecture practice in the United States.

The five-year professional BArch degree program is highly structured the first two years and more flexible the last three. This flexibility allows each student to establish a study sequence according to individual interests and needs. Transfer students should be aware that an accelerated program is normally possible only for students who transfer from an NAAB-accredited architecture program.

**Architecture Major Requirements**

| Code                                             | Title                                                                                                                                           | Credits |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <b>Introductory Architectural Design Studios</b> |                                                                                                                                                 |         |
| ARCH 283 & ARCH 284                              | Architectural Design I and Architectural Design II                                                                                              | 12      |
| ARCH 383 & ARCH 384                              | Architectural Design III and Architectural Design IV                                                                                            | 12      |
| <b>Intermediate Architectural Design Studios</b> |                                                                                                                                                 |         |
| ARCH 484                                         | Architectural Design (repeatable studio for all professional-degree students; BArch students must complete four terms of ARCH 484) <sup>1</sup> | 24      |
| <b>Advanced Architectural Design Studios</b>     |                                                                                                                                                 |         |

|                                                                                                                                                                                |                                                                         |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------|
| ARCH 485<br>& ARCH 486                                                                                                                                                         | Advanced Architectural Design I<br>and Advanced Architectural Design II | 16         |
| <b>General Theory</b>                                                                                                                                                          |                                                                         |            |
| ARCH 201                                                                                                                                                                       | Introduction to Architecture                                            | 4          |
| <b>Architectural Design Theory and Practice</b>                                                                                                                                |                                                                         |            |
| ARCH 202                                                                                                                                                                       | Design Skills                                                           | 3          |
| ARCH 222                                                                                                                                                                       | Introduction to Architectural Computer Graphics                         | 4          |
| ARCH 423                                                                                                                                                                       | Media for Design Development: [Topic]                                   | 3          |
| <b>Architectural Design Theory and Practice</b>                                                                                                                                |                                                                         |            |
| ARCH 430                                                                                                                                                                       | Architectural Contexts: Place and Culture                               | 4          |
| ARCH 440                                                                                                                                                                       | Human Context of Design                                                 | 4          |
| ARCH 450                                                                                                                                                                       | Spatial Composition                                                     | 4          |
| <b>Building Technology</b>                                                                                                                                                     |                                                                         |            |
| ARCH 461                                                                                                                                                                       | Structural Behavior                                                     | 6          |
| ARCH 462                                                                                                                                                                       | Structural Design                                                       | 6          |
| ARCH 470                                                                                                                                                                       | Building Construction                                                   | 4          |
| ARCH 471                                                                                                                                                                       | Building Enclosure                                                      | 4          |
| ARCH 491<br>& ARCH 492                                                                                                                                                         | Environmental Control Systems I<br>and Environmental Control Systems II | 8          |
| Approved advanced technology course <sup>2</sup>                                                                                                                               |                                                                         | 4          |
| <b>Professional Practice</b>                                                                                                                                                   |                                                                         |            |
| ARCH 417                                                                                                                                                                       | Context of the Architectural Profession                                 | 4          |
| <b>Architectural History</b>                                                                                                                                                   |                                                                         |            |
| ARH 314                                                                                                                                                                        | History of World Architecture I                                         | 4          |
| ARH 315                                                                                                                                                                        | History of World Architecture II                                        | 4          |
| Two additional architectural history courses taught either in the Department of the History of Art and Architecture or the School of Architecture and Environment <sup>3</sup> |                                                                         | 8          |
| <b>Subject Area Electives</b> <sup>4</sup>                                                                                                                                     |                                                                         | 2          |
| <b>General Electives</b>                                                                                                                                                       |                                                                         |            |
| Upper-Division elective courses outside the ARCH or IARC subject codes <sup>5,6</sup>                                                                                          |                                                                         | 16         |
| PHYS 201<br>& PHYS 202                                                                                                                                                         | General Physics<br>and General Physics                                  | 8          |
| <b>Total Credits</b>                                                                                                                                                           |                                                                         | <b>168</b> |

<sup>1</sup> One may be Interior Design (IARC 484), Furniture Design (IARC 486), or Site Planning and Design (LA 489).

<sup>2</sup> Approved advanced technology courses vary by term; visit department website (<https://archenvstudents.uoregon.edu/architecture-and-interior-architecture/course-syllabi/eugene-courses/>) for full list.

<sup>3</sup> Approved architectural history courses vary by term; visit department website (<https://archenvstudents.uoregon.edu/architecture-and-interior-architecture/course-syllabi/eugene-courses/>) for full list.

<sup>4</sup> Approved subject area electives vary by term; visit department website for full list. One 3-credit (minimum) subject area elective must be an approved design arts course (not technology or media).

<sup>5</sup> Art history (ARH) courses at the 300 level or above taken beyond the art history requirement may be applied toward the upper-division, general-education elective requirements.

<sup>6</sup> These courses delve into the literature of academic subjects outside the subject areas of architecture and interior architecture. The upper-division electives may not be courses in service, weekend seminar, human development, or leisure studies. They must be taken in residence at the University of Oregon.

**Courses required for the major must be passed with a grade of at least C- or P or P\* to count toward the major.**

A sample plan for the bachelor of architecture degree (<https://archenvironment.uoregon.edu/architecture/undergrad/barch/>) is available on the department website.

## Architecture Minor

The Minor in Architecture exposes students to fundamental principles of architecture through coursework that integrates design thinking, place making with human behavior and need.

### Minor Requirements: 26 credits

| Code                                                                                                                                    | Title                                                                                                         | Credits   |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------|
| ARCH 201                                                                                                                                | Introduction to Architecture                                                                                  | 4         |
| ARCH 484                                                                                                                                | Architectural Design (only required for interior architecture and landscape architecture majors) <sup>1</sup> | 6         |
| Electives (see table below; any students outside of interior architecture and landscape architecture must take 22 credits of electives) |                                                                                                               | 16        |
| <b>Total Credits</b>                                                                                                                    |                                                                                                               | <b>26</b> |

<sup>1</sup> ARCH 484 Architectural Design is a course that may not be taken by students outside of the Department of Architecture, with the exception of landscape architecture students.

### Electives

| Code     | Title                                       | Credits |
|----------|---------------------------------------------|---------|
| DSGN 321 |                                             | 4       |
| ARCH 407 | Seminar: [Topic] (Renaissance Architecture) | 1-6     |
| ARCH 407 | Seminar: [Topic] (Sustainable Urbanism)     | 1-6     |
| ARCH 409 | Terminal Project (Off-Campus Experience)    | 1-6     |
| ARCH 430 | Architectural Contexts: Place and Culture   | 4       |
| ARCH 439 | Minimal Dwelling                            | 3       |
| ARCH 440 | Human Context of Design                     | 4       |
| ARCH 450 | Spatial Composition                         | 4       |
| ARCH 491 | Environmental Control Systems I             | 4       |
| ARCH 492 | Environmental Control Systems II            | 4       |

It is possible to take other architecture courses and apply them to the minor with the permission of the instructor.

Undergraduates who are enrolled in any major may apply to the minor. Completed applications including a statement of support from the student's major advisor are submitted to the Department of Architecture office. Applicants must make an appointment with the architecture advisor to discuss their plan of study. Because the department's first obligation is to its majors, it cannot guarantee availability of courses for minors. Minors may register if space is available after the needs of majors have been met. Space for enrollment in the minor program is limited.

# Architecture (MArch)

Our master of architecture degree allows students to complete a professional degree, leading to licensure, in a stimulating academic environment that is characterized by cooperation, rigor, and a commitment to human quality in the built environment.

The program is studio-based, with a full complement of professional courses with opportunities to focus on an area of special interest. Students can take advantage of numerous on and off-campus opportunities for expanding their academic experience. We offer a full array of foreign-study programs, internships in architectural offices, and various opportunities to work directly with communities.

## Track I

Eligible applicants must hold a bachelor's degree or higher from a regionally accredited four-year U.S. college or university OR hold an equivalent credential from a qualifying international institution.

## Track II

Eligible applicants must have a pre-professional degree in architecture from a regionally accredited four-year U.S. college or university OR hold an equivalent credential from a qualifying international institution. A four-year program is considered qualified if the school has an accredited graduate program.

The Department of Architecture at the University of Oregon is accredited by the National Architectural Accrediting Board (NAAB). The program leading to the M.Arch degree is a vibrant and collaborative learning environment that prepares students to be value-based leaders in the architecture and design disciplines as well as within the communities in which they work and live.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge of issues of social justice and environmental sustainability as core components of a dynamic between built and natural environments.
  - Demonstrate the critical thinking, values, knowledge, skills, and practices they need to create meaningful architecture that resonates with people and their cultural, physical, and ecological worlds.
  - Develop a holistic design process that integrates human experience and building systems across a range of scales considering innovative approaches, methods and technologies.
  - Develop a critical understanding of the histories and theories of architecture and urbanism as framed by diverse social, cultural, economic, and political forces, nationally and globally.
  - Develop a capacity for leadership, collaboration and research along with a capacity to engage diverse constituencies.
  - Demonstrate understanding of the paths to becoming licensed as an architect and the associated professional ethics, regulatory requirements, and fundamental business processes relevant to architecture practice in the United States.
- Track I (p. 450)
  - Track II (p. 451)

## Professional Master of Architecture Degree Requirements

The professional, NAAB-accredited master of architecture (MArch) degree program prepares students for careers in architectural practice and careers in allied professions that contribute to shaping the built environment.

The department offers two tracks of study, both of which lead to the MArch degree. Track I typically takes ten terms to complete and requires 144 credits.

Track I students typically complete all or most of the MArch degree program requirements at the University of Oregon, and begin the program the summer before their first full academic year of study. Students with bachelor's degrees (BA, BS) other than a preprofessional degree in architecture must apply to the Track I program.

Students with degrees in related design disciplines (e.g., landscape architecture, interior architecture, environmental design, or architecture degrees from programs at schools that are not accredited) may be given advanced standing, up to a maximum of three terms of studio credit for equivalent prior studio work. Track I students may apply to transfer to Portland after completing the introductory design studio sequence in Eugene.

### MArch Track I

| Code                                                              | Title                                                                                          | Credits |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------|
| Introductory Architectural Design Studios                         |                                                                                                |         |
| ARCH 680 & ARCH 681 & ARCH 682                                    | Introductory Graduate Design and Introductory Graduate Design and Introductory Graduate Design | 18      |
| Intermediate Architectural Design Studios                         |                                                                                                |         |
| ARCH 584                                                          | Architectural Design (repeatable studio for all professional-degree students) <sup>1</sup>     | 30      |
| Advanced Architectural Design Studios                             |                                                                                                |         |
| ARCH 585 & ARCH 586                                               | Advanced Architectural Design I and Advanced Architectural Design II                           | 16      |
| Design Media and Communication                                    |                                                                                                |         |
| ARCH 523                                                          | Media for Design Development: [Topic]                                                          | 3       |
| ARCH 611                                                          | Graduate Design Process                                                                        | 3       |
| An Additional Course to be chosen in consultation with an advisor |                                                                                                | 2       |
| Architectural Design Theory and Practice                          |                                                                                                |         |
| ARCH 530                                                          | Architectural Contexts: Place and Culture                                                      | 4       |
| ARCH 540                                                          | Human Context of Design                                                                        | 4       |
| ARCH 550                                                          | Spatial Composition                                                                            | 4       |
| Building Technology                                               |                                                                                                |         |
| ARCH 561                                                          | Structural Behavior                                                                            | 6       |
| ARCH 562                                                          | Structural Design                                                                              | 6       |
| ARCH 570                                                          | Building Construction                                                                          | 4       |
| ARCH 571                                                          | Building Enclosure                                                                             | 4       |
| ARCH 591 & ARCH 592                                               | Environmental Control Systems I and Environmental Control Systems II                           | 8       |
| Advanced building technology elective                             |                                                                                                | 4       |
| Professional Practice                                             |                                                                                                |         |
| ARCH 517                                                          | Context of the Architectural Profession                                                        | 4       |

|                                                                          |            |
|--------------------------------------------------------------------------|------------|
| <b>Architectural History</b>                                             | <b>12</b>  |
| Approved 500- or 600-level courses in architectural history <sup>2</sup> |            |
| <b>Architectural Electives</b>                                           | <b>12</b>  |
| Approved 500- or 600-level courses in architecture or allied fields      |            |
| <b>Total Credits</b>                                                     | <b>144</b> |

<sup>1</sup> LA 589 Site Planning and Design, IARC 584 Interior Design, or IARC 586 Furniture Design may be substituted for one of the required ARCH 584 Architectural Design studios.

<sup>2</sup> Students must take at least one course in each of the following historical periods: ancient, Renaissance, and modern.  
Courses required for the program must be passed with a grade of at least C- or P or P\* to count toward the program. There is no minimum graded credit requirement for Architecture, however, the Division of Graduate Studies requires a GPA of a 3.0 to remain in good standing.

Of the required 144 credits, 15 credits must be applied to an advanced study cluster (<http://architecture.uoregon.edu/current/m.arch-cluster/>) or 16 credits must be applied to a specialization or 12 credits must be applied to one of the department's graduate certificate programs. Students who complete a concurrent master's degree in an allied field are exempt from this requirement. This work may include an independent research project.

#### MArch Track I Sample Plan of Study

## Professional Master of Architecture Degree Requirements

The professional, NAAB-accredited master of architecture (MArch) degree program prepares students for careers in architectural practice and careers in allied professions that contribute to shaping the built environment.

Track II is a six-term advanced placement program that requires approximately 87 credits (the exact number determined on the basis of individual evaluation of prior course work at the time of admission).

Track II is for applicants who have a four-year preprofessional degree in architecture from an institution where the four-year degree is part of a "four plus two" NAAB-accredited degree program. Students admitted into Track II begin their studies fall term. Applicants who have a four-year preprofessional degree in an environmental design discipline and an equivalent amount of professional studio and course work may be considered for Track II. Track II students must fulfill the same professional curriculum requirements as the Track I program, but are admitted with advanced standing in studio and subject-area courses. The extent of this advanced standing is determined by the department before beginning the program. This preliminary evaluation of course waivers is provisional, pending satisfactory completion of three terms in residence.

## MArch Track II

| Code                                             | Title                                                                                      | Credits |
|--------------------------------------------------|--------------------------------------------------------------------------------------------|---------|
| <b>Intermediate Architectural Design Studios</b> |                                                                                            |         |
| ARCH 584                                         | Architectural Design (repeatable studio for all professional-degree students) <sup>1</sup> | 18      |
| ARCH 683                                         | Graduate Architectural Design: Track II                                                    | 6       |
| <b>Advanced Architectural Design Studios</b>     |                                                                                            |         |

|            |                                      |    |
|------------|--------------------------------------|----|
| ARCH 585   | Advanced Architectural Design I      | 16 |
| & ARCH 586 | and Advanced Architectural Design II |    |

#### Professional Practice

|          |                                         |   |
|----------|-----------------------------------------|---|
| ARCH 517 | Context of the Architectural Profession | 4 |
|----------|-----------------------------------------|---|

#### Architecture Seminar

|          |                  |   |
|----------|------------------|---|
| ARCH 607 | Seminar: [Topic] | 3 |
|----------|------------------|---|

#### Architectural Core and Subject Area Electives <sup>2</sup>

|                                                             |                                           |  |
|-------------------------------------------------------------|-------------------------------------------|--|
| ARCH 523                                                    | Media for Design Development: [Topic]     |  |
| ARCH 530                                                    | Architectural Contexts: Place and Culture |  |
| ARCH 540                                                    | Human Context of Design                   |  |
| ARCH 550                                                    | Spatial Composition                       |  |
| ARCH 561                                                    | Structural Behavior                       |  |
| ARCH 562                                                    | Structural Design                         |  |
| ARCH 570                                                    | Building Construction                     |  |
| ARCH 571                                                    | Building Enclosure                        |  |
| ARCH 591                                                    | Environmental Control Systems I           |  |
| ARCH 592                                                    | Environmental Control Systems II          |  |
| ARCH 610                                                    | Experimental Course: [Topic]              |  |
| ARCH 611                                                    | Graduate Design Process                   |  |
| Advanced Building Technology Courses                        |                                           |  |
| Approved 500- or 600-level courses in Architectural History |                                           |  |
| Approved 500- or 600-level courses in allied fields         |                                           |  |

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>87</b> |
|----------------------|-----------|

<sup>1</sup> LA 589 Site Planning and Design, IARC 584 Interior Design, or IARC 586 Furniture Design may be substituted for one of the required ARCH 584 Architectural Design studios.

<sup>2</sup> Architectural Core requirements will vary depending on prior coursework credits after an evaluation of academic transcripts by the Director of Graduate Studies. All possible core courses students may be required to take are shown. Architectural Core and Subject Area Electives make up the remaining degree credit requirements to total a minimum of 87 credits earned for the degree.

Courses required for the program must be passed with a grade of at least B- or P or P\* to count toward the program. There is no minimum graded credit requirement for Architecture, however, the Graduate School requires a GPA of a 3.0 to remain in good standing.

Of the required 87 credits done in residence, 15 credits must be applied to an advanced study cluster (<http://architecture.uoregon.edu/current/m.arch-cluster/>) or 16 credits must be applied to a specialization or 12 credits must be applied to one of the department's graduate certificate programs. Students who complete a concurrent master's degree in an allied field are exempt from this requirement. This work may include an independent research project.

Students admitted into the Track II program are expected to have completed professional courses in building technology, architectural history, architectural design, and other subject areas in their undergraduate degree program. Students with insufficient preparation may be admitted with deficiencies. Satisfaction of the specific deficiencies may require additional course work for the degree. Students intending to enroll in the Track II program in Portland may be required to fulfill deficiencies on the Eugene campus before they may commence study in Portland.



# Architecture (MS)

The post-professional architecture master of science (MS) degree allows students to complete advanced research and design work that builds on an existing professional degree in architecture, architectural engineering, structural engineering, construction management, or a related field.

*Eligible applicants must hold a bachelor's degree or higher from a regionally accredited (<https://www.chea.org/regional-accrediting-organizations/>) four-year U.S. college or university OR hold an equivalent credential from a qualifying international institution. This degree does not provide a path to licensure.*

The Master of Science in Architecture is a STEM-designated degree (<https://archenvironment.uoregon.edu/architecture/stem-designated-degrees/>).

The Master of Science in Architecture degree program provides an opportunity for advanced study and contribution to knowledge in the field through a thesis or terminal project. The post-professional Master of Science in Architecture (MS) degree allows students to complete advanced research and/or design inquiry that builds on an existing professional degree in architecture, interior architecture, landscape architecture, architectural engineering, structural engineering, construction management, or another related field.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Integrate design and advanced research to address the pressing and complex issues of the built environment.
- Develop research techniques appropriate for investigating advanced systems.
- Advance the knowledge and practice of architecture through critical thinking and experimentation in a research project (thesis) or design research project (terminal project).

### MS Architecture: Post-professional Master of Science in Architecture Degree Requirements

The Master of Science in Architecture degree program provides an opportunity for advanced study and contribution to knowledge in the field through a thesis or terminal project. The post-professional Master of Science in Architecture (MS) degree allows students to complete advanced research and/or design inquiry that builds on an existing professional degree in architecture, interior architecture, landscape architecture, architectural engineering, structural engineering, construction management, or another related field. Students enrolled in the Master of Science degree program must take a minimum of 45 graduate credits, of which 30 must be in architecture and 9 must be at the 600 level. Students complete a minimum of three terms in residence and are required to complete 9 credits in ARCH 503 (<http://catalog.uoregon.edu/search/?P=ARCH%20503>) Thesis or Terminal Project (ARCH 619 (<http://catalog.uoregon.edu/search/?P=ARCH%20619>)). Students in this program are expected to develop an individual research topic leading to a thesis or terminal project in one or more of the following areas of faculty research and design excellence:

- **Sustainable Buildings:** Green Technologies, High-Performance Envelopes, Net-Zero Buildings, and Eco-Districts.

- **Sustainable Construction:** Mass Timber Design, Green Building Materials, Fabrication, Construction Methods, and Life Cycle Analysis.
- **Lighting Design:** Daylighting, Electric Lighting, Luminaires and Photometrics, and Visual Comfort.
- **Health and Indoor Environments:** Indoor Environmental Quality, Human-Centric Design, Occupant Performance and Health.
- **Sustainable Urbanism and Housing:** Urban Architecture and Urban Design, Housing Design, Community Design, Livable Communities, New Mobility, and Climate Action.
- **Design for Social Sustainability:** Environment-Behavior Studies, Human-Context of Design, Spatial Justice, Accessibility and Universal Design, Cultural, Social and Economic Sustainability.
- **Design Computing:** Modeling, Simulations, and Design Communication.
- **Architectural History and Theory:** Preservation, Adaptive-reuse, Architectural Theory and Criticism.

The post-professional MS curriculum focuses on individual research and/or design inquiry that draws from professional and general university courses and consultation with the student's advisor and thesis or terminal project committee. For more information about the thesis, see the **Division of Graduate Studies** section of this catalog.

| Code                          | Title | Credits |
|-------------------------------|-------|---------|
| Research Inquiry <sup>1</sup> |       | 9-18    |
| Area of Research/Design Focus |       | 27-36   |
| Minimum Total Credits:        |       | 45      |

<sup>1</sup> Students complete a minimum of three terms in residence and are required to complete 9 credits in ARCH 503 (<http://catalog.uoregon.edu/search/?P=ARCH%20503>) Thesis or Terminal Project (ARCH 619 (<http://catalog.uoregon.edu/search/?P=ARCH%20619>)).

# Architecture (PhD)

The PhD degree program focuses on sustainable design, addressing the needs of the profession as society faces the environmental impact of its cities. It prepares students for careers at universities and other institutions engaged in research related to sustainable design, such as national research laboratories, industry research and development, public agencies, and nongovernment organizations. PhD students address research topics that encompass spatial, environmental, historical, social, political, technical, and economic factors. In addition to a rigorous understanding of building performance, aspects of sustainable community development, and broader social processes and policies, each student is expected to demonstrate an understanding of theory and research in a related focus area. Completion of the program requires demonstrated excellence through original contributions to the field. Depending on background and research goals, students can expect to complete the degree in three to six years, with four to five years being most typical. There is a minimum residency of two years of full-time graduate work at the Eugene campus.

The program supports advanced study in the following areas:

- Design and policy for sustainable cities and livable communities
- Design for climate change and adaptation
- Cultural, social, and economic sustainability



- Net-zero building and eco-district design
- Resource forecasting and simulation of place and building performance
- Energy-efficient, adaptive reuse of existing buildings
- Indoor environmental quality and occupant health
- High-performance building envelopes and green technologies
- Life-cycle building analysis design and modeling

The Ph.D. program in Architecture focuses on sustainable architecture and integrated design. The program is an advanced research degree that engages students in multidisciplinary investigations that create new knowledge in compelling and time-sensitive research topics. The PhD program prepares students for careers at universities, and at other entities engaged in research related to sustainable design such as national research laboratories, industries, public agencies, and non-government organizations.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Conduct independent original research and disseminate research results to the academic and professional community.
- Demonstrate thoughtful and professional conduct and contribute research advances and service to their professional communities and societies.
- Demonstrate broad knowledge of principal texts, journal and conference publications, methods, discussions, and problems in a selected field of study within architecture.
- Identify fundamental research problems and propose innovative solutions to these problems through their research projects using a strong theoretical and/or experimental and/or computational background.
- Create and deliver effective verbal and written presentations that contribute to the understanding of the field.

## Doctor of Philosophy in Architecture

| Code                                             | Title                                      | Credits |
|--------------------------------------------------|--------------------------------------------|---------|
| <b>Research and Investigation</b> <sup>1</sup>   |                                            |         |
| Research - ARCH 601                              |                                            | 4-8     |
| ARCH 601                                         | Research: [Topic]                          |         |
| ARCH 620                                         | Research Methods in Sustainable Design     | 2-6     |
| ARCH 678                                         | Advanced Research in Sustainable Design    | 2-6     |
| ARCH 695                                         | Advanced Dissertation Proposal Development | 4-6     |
| <b>Primary Inside Focus Area</b> <sup>2</sup>    |                                            |         |
| ARCH 608                                         | Workshop: [Topic]                          | 1       |
| ARCH 633                                         | History of Sustainable Design              | 4       |
| Advanced electives (500 level and above)         |                                            | 13      |
| <b>Secondary Outside Focus Area</b> <sup>3</sup> |                                            |         |
| Courses at the 600 level                         |                                            | 16      |
| <b>Dissertation</b> <sup>4</sup>                 |                                            | 18      |
| ARCH 603                                         | Dissertation                               |         |
| Minimum Total Credits:                           |                                            | 84      |

<sup>1</sup> A minimum of 20 credits required.

<sup>2</sup> A minimum of 18 credits required.

<sup>3</sup> A minimum of 12 graduate credits required.

<sup>4</sup> A minimum of 18 credits required.

## Additional Requirements

- Five required theory and research courses that address qualitative and quantitative studies of environmental and building design and the planning processes that shape them
- 4 credits of supervised college teaching
- Additional course work in two focus areas, one within the department and one in a different department or program to develop knowledge of a second discipline that supports the student's research (e.g., anthropology, architectural history, biology, ecology, education, landscape architecture, planning theory, urban geography). Courses are selected in consultation with a faculty advisor
- A written comprehensive exam followed by an oral comprehensive exam upon completion of course work, typically at the end of the second year. After the student has passed both the written and oral comprehensive exams, he or she will be advanced to candidacy
- A dissertation proposal typically submitted the term following the comprehensive exams, but at least within three terms of the exams. The student forms a dissertation committee that must approve the proposal following a scheduled public proposal presentation and before undertaking the dissertation
- A public presentation and defense of the dissertation research followed by final approval by the dissertation committee

## Ecological Design Graduate Certificate

The Ecological Design Certificate is a design-based, interdisciplinary program focused on the development of a practical framework for the integration of the built environment with local and region specific natural systems.

This certificate is available to all graduate students within the College of Design.

Participating students are challenged to develop an in-depth understanding of the relationships between ecological processes, issues of cultural and social sustainability, and urban development and form, and how allied design and planning disciplines approach these relationships. Students will acquire a theoretical and pragmatic basis to carry these understandings into the world of practice.

The Ecological Design Certificate Program provides explicit curricular structure in ecologically sensitive design, encouraging students to develop an ecologically based design awareness, solidifying the commitment of the University to interdisciplinary inquiry, and upholding its capacity for leadership in the field.

The Ecological Design Certificate is a graduate certificate program in the Department of Architecture that is available to all graduate students within the College of Design. The Ecological Design Certificate is meant to support students to develop an ecologically based design awareness, solidifying the commitment of the University to interdisciplinary inquiry, and upholding its capacity for leadership in the field.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Have a multi-disciplinary understanding of the principles of ecology and of how they may be integrated into the design of the built environment.
- Be familiar with current topics in cultural and social sustainability and urban development, including perspectives from multiple design disciplines.
- Have an in-depth theoretical and practical understanding of environmental and social sustainability.

Certificate in Ecological Design Requirements

| Code               | Title | Credits |
|--------------------|-------|---------|
| Foundation Courses |       | 11-12   |
| Electives          |       | 12-13   |
| Total Credits      |       | 23-25   |

Students must complete a minimum of 24 credits in approved ecological design subject courses. A maximum of 12 credits may be counted for both the certificate and a graduate degree program, but required courses for the degree will not satisfy certificate electives. For most architecture and interior architecture students, this certificate requires 12 credits in addition to their degree requirements. Some students may need to complete prerequisites to develop subject proficiency for approved electives. More information on course requirements and application to the certificate program may be found online (<https://archenvironment.uoregon.edu/architecture/grad/certificates/ecological-design/>).

Technical Teaching in Architecture Graduate Certificate

The Technical Teaching Certificate program prepares graduate students in the fields of architecture and interior architecture for teaching positions on building technology in academic and professional settings. Building technology includes subjects such as structural design, construction materials and processes, and environmental control systems. Students investigate curricula, tools, and strategies for teaching and concentrate on improving their comprehensive knowledge of the technical subjects. It is designed for graduate students enrolled in the postprofessional MS programs in architecture and interior architecture, but graduate students in the professional MArch Track I and II programs may apply. Individuals who hold a master's degree and at least one professional degree in architecture or interior architecture may apply to this certificate program without being concurrently enrolled in a master's program at the University of Oregon.

Certificate candidates must demonstrate advanced proficiency in at least one technical subject area (structures, construction, or environmental control) and have the background necessary to teach at the introductory level in the other two. This requirement may be fulfilled by submitting a portfolio documenting professional experience or prior course work to the technology faculty, or it can be met by completing a sequence of advanced courses.

The Technical Teaching Certificate is a graduate certificate program in the Department of Architecture that is available to all graduate students in Architecture. The Technical Teacher certificate is design for student interested in the design and building technology integration, and for those interested in teaching in their architectural careers, continuing the

commitment to sustainability, curricular innovation, and leadership in the field.

Program Learning Outcomes

- Upon successful completion of this program, students will be able to:
- Develop an area of experience in one or more subject areas in curriculum, understand critical principles and concepts of sustainability within the discipline.
  - Communicate technical material effectively through curricular development, tools, strategies, and innovation specific to architectural design.
  - Conduct a self-appraisal, learning-style inventory, and a peer-review of instructional skills; identify successes and areas of improvement; and articulate a philosophy of teaching.

Certificate in Technical Teaching in Architecture

A minimum of 24 credits is required for the certificate. A maximum of 12 credits may be counted for both the certificate and a graduate degree program, but required courses for the degree will not satisfy certificate electives.

| Code                             | Title | Credits |
|----------------------------------|-------|---------|
| Technical Teaching               |       | 12      |
| Advanced Electives in Technology |       | 12      |
| Total Credits                    |       | 24      |

Architecture and Environment Graduate Specializations

- Architectural Technology (p. 454)
- Housing (p. 454)
- Interior Architecture (p. 454)
- Urban Architecture and Urban Design (p. 454)
- Urban Historic Preservation (p. 454)

The specialization is available to students in the M.ARCH., M.I.ARC, and M.S. degree programs in the Department of Architecture. 16 credits of approved advanced technology-related courses and studio are required.

The specialization is available to students in the M.Arch. and M.S. degree programs in the Department of Architecture. 16 credits of approved housing-related courses and studios are required.

The IARC Specialization is available to students in the M.Arch. and M.S. degree programs in the Department of Architecture. 16 credits of approved Interior Architecture related courses and studios are required.

The specialization is available to students in the M.Arch. and M.S. degree programs in the Department of Architecture in Portland. 16 credits of approved urban architecture- and urban design-related courses and studios are required.

The specialization is available to students in the M.Arch. and M.S. degree programs in the Department of Architecture in Portland. The specialization will have two possible options: Policy, focusing on legal and economic issues related to historic preservation, and Building Fabric, focusing on building construction and design.

# Historic Preservation

## James Buckley, Program Director

70 NW Couch Street, Floor 4R  
Portland, Oregon 97209

The University of Oregon's Historic Preservation Program is best described as having broad cultural concerns with a technical emphasis. Attention is given to historic places, buildings, and landscapes in terms of their specific forms, materials, construction, and use. The cultural and theoretical context in which they were developed is addressed, as is the impact of time upon their materials, meanings, and needs. The technologies, interpretations, and means for sustaining the presence of historic places in the future are also emphasized.

Students gain an understanding of historic resources and the processes for their preservation. This includes core courses in research methods, preservation history and theory, architectural history, and the economic, legal, and administrative processes of preservation. Students choose from three focal areas:

1. sustainable preservation theory, design, and technology
2. cultural resource management
3. resource identification and evaluation

Other focal areas are feasible but must be approved in advance by the submission of a curriculum plan by the student by the second term of the student's first year.

Courses are augmented by fieldwork in the urban, suburban, and rural areas of the region. Oregon contains Native American sites, rural buildings and landscapes developed by U.S. and European immigrant pioneers from the 1830s, as well as urban development since the 1840s. More recent transformations of the landscape by various ethnic groups and technological innovations are also explored. Extensive instructional use of the region takes place through an emphasis on the cultural and technical aspects of vernacular resources, field trips, participation in projects at the university, and through local community groups. There is also frequent involvement with the area's professionals, officials, and agencies concerned with historic resources.

Recent opportunities for experience include window restoration and traditional earth construction workshops, documentation for a Historic American Buildings Survey for the Alaska Regional Office of the National Park Service, U.S. Department of the Interior; a preservation field guide for the community of Ebey's Landing National Historical Reserve; a condition assessment and stabilization of Gilbert's Cabin in North Cascades National Park; a condition assessment of Frank Lloyd Wright's Usonian Gordon House in Silverton, Oregon; the documentation of the Finney House frontier cabin in Nevada City, Montana; the limestone roof replacement on a late sixteenth-century stone cottage on the island of Drvenik Veli, Croatia; and the reconstruction of the Ferry House porch in Ebey's Landing National Historical Reserve, Whidbey Island, Washington.

In addition to providing hands-on training in what might be considered mainstream preservation activities, the program emphasizes the importance of cultural conservation including issues of diversity, identity, and community development. This includes a concern not only for how various ethnic groups shaped buildings and landscapes in the distant past, but how similar settings are reproduced by cultural groups in the present. Individual research efforts by students are augmented by

visiting lecturers, such as those by Boyd Pratt, Jean Carroon, and Gunny Harboe.

Beyond completing core and focal area courses, each student is required to complete individualized study, including reading and thesis research, a summer internship, and a thesis or terminal project. Some former students have chosen to develop specialties and concurrent master's degrees in closely related fields such as architecture, landscape architecture, and planning, public policy and management; others have created more unique combinations with studies in museums, economic development, and Russian, East European, and Eurasian studies. Besides encouraging students to develop an individualized course of study, the program is characterized by students who exhibit self-motivation and individual initiative. These traits, which are not only expected but are also necessary for successful completion of the program, contribute to the professional growth of students. Graduates of the Historic Preservation Program are employed in preservation-related fields over a wide geographic area. Some choose to pursue work in the private sector as specialists in architectural offices or as consultants. Others serve in the public sector with municipal planning departments, state historic preservation offices, or federal cultural resources divisions. Some graduates choose to work with nonprofit agencies, while others select careers in preservation and restoration.

## Faculty

Christopher Bell, instructor (historic preservation). BA, 1998, Williams; MS, 2005, Oregon. (2009)

James Buckley, associate professor; Venerable Chair in Historic Preservation. BA, 1982, Yale; MCRP, 1986, PhD, 2000, California, Berkeley. (2016)

Elizabeth Carter, instructor (historic preservation). BA, 1988, MS, 1994, Oregon. (2005)

Eric L. Eisemann, instructor (legal issues). BA, 1974, Knox; MA, 1980, Western Kentucky; JD, 1994, Lewis and Clark. (1984)

Kingston Heath, professor (historic preservation). BA, 1968, Lake Forest; MA, 1975, Chicago; MA, 1978, PhD, 1985, Brown. (2003)

Rick Minor, courtesy adjunct instructor (archaeology). BA, 1972, California State, Fullerton; MA, 1973, PhD, 1983, Oregon. (2009)

Suzana Radivojevic, adjunct instructor (wood science). BScFE, 1997, Belgrade; PhD, 2006, Toronto. (2013)

Kirk Ranzetta, instructor (historic preservation, planning). BA, 1994, Mary Washington; MA, 1996, PhD, 2006, Delaware. (2006)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Participating

Howard Davis, architecture

Keith Eggner, history of art and architecture

Mark Eischeid, landscape architecture

Mark Gillem, architecture

Maile Hutterer, history of art and architecture

Renee A. Irvin, planning, public policy and management

Robert L. Thallon, architecture

Jenny Young, architecture

Minor

- Historic Preservation

**Important note:** *The Historic Preservation Program is not currently accepting new undergraduate minors during the restructuring of the School of Architecture and Allied Arts into the College of Design.*

Major - Master's Degree

- Historic Preservation (MS) (p. 456)

Historic Preservation (MS)

James Buckley, Program Director

70 NW Couch Street, Floor 4R  
Portland, Oregon 97209

The University of Oregon's Historic Preservation Program is best described as having broad cultural concerns with a technical emphasis. Attention is given to historic places, buildings, and landscapes in terms of their specific forms, materials, construction, and use. The cultural and theoretical context in which they were developed is addressed, as is the impact of time upon their materials, meanings, and needs. The technologies, interpretations, and means for sustaining the presence of historic places in the future are also emphasized.

The program offers a master of science (MS) degree in historic preservation. Although no particular training is preferred, students whose backgrounds are primarily in historic preservation, architecture, landscape architecture, and architectural history are most prepared for this program. Coursework includes training in the social sciences, preservation theory and law, the characteristics of historic buildings and landscapes, historic building technology, and the procedures for evaluating and recording historic sites and buildings.

The program is administered by the Historic Preservation Committee, an interdepartmental committee in the School of Architecture and Environment.

Historic Preservation Major

The MS degree in historic preservation requires 73 credits in five areas: historic preservation core courses, architectural history core courses, focal area courses, approved electives, and individualized study courses, which include thesis or terminal project, research, and an internship. Students choose one of three focal areas in which to specialize - sustainable preservation theory, design, and technology; cultural resource management; or resource identification and evaluation.

| Code                                           | Title                                              | Credits |
|------------------------------------------------|----------------------------------------------------|---------|
| <b>Historic Preservation Core</b> <sup>1</sup> |                                                    |         |
| AAAP 508                                       | Workshop: [Topic] (Pacific Northwest Field School) | 2       |
| AAAP 511                                       | Introduction to Historic Preservation              | 3       |
| AAAP 531                                       | National Register Nomination                       | 3       |
| AAAP 541                                       | Legal Issues in Historic Preservation              | 3       |
| AAAP 551                                       | Historic Survey and Inventory Methodology          | 3       |

|                                                                                                                                                                                 |                                                           |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------|
| AAAP 610                                                                                                                                                                        | Experimental Course: [Topic] (Thesis Proposal)            | 3         |
| <b>Architectural History Core</b> <sup>1</sup>                                                                                                                                  |                                                           |           |
| Select two of the following:                                                                                                                                                    |                                                           | 8         |
| AAAP 521                                                                                                                                                                        | American Architecture from a Preservation Perspective I   |           |
| AAAP 522                                                                                                                                                                        | American Architecture from a Preservation Perspective II  |           |
| AAAP 523                                                                                                                                                                        | American Architecture from a Preservation Perspective III |           |
| Select one additional course (from the approved list) about the history of architecture, landscape architecture, interior architecture, or the history of building construction |                                                           | 4         |
| <b>Focal Area</b>                                                                                                                                                               |                                                           |           |
| Courses (see Focal Areas section below)                                                                                                                                         |                                                           | 18        |
| <b>Electives</b>                                                                                                                                                                |                                                           |           |
| Courses in other focal areas, from approved list of courses, or in other departments with advisor approval                                                                      |                                                           | 9         |
| <b>Individualized Study</b> <sup>2</sup>                                                                                                                                        |                                                           |           |
| AAAP 601                                                                                                                                                                        | Research: [Topic]                                         | 2         |
| AAAP 609                                                                                                                                                                        | Terminal Project                                          | 2         |
| AAAP 607                                                                                                                                                                        | Seminar: [Topic]                                          | 1         |
| AAAP 503                                                                                                                                                                        | Thesis <sup>3</sup>                                       | 12        |
| or AAAP 611                                                                                                                                                                     | Terminal Project                                          |           |
| <b>Total Credits</b>                                                                                                                                                            |                                                           | <b>73</b> |

<sup>1</sup> Courses must be taken for a letter grade.

<sup>2</sup> An internship is included in the Individualized Study requirements.

<sup>3</sup> Before enrolling in Thesis (AAAP 503) or Terminal Project (AAAP 611), the student must develop a project proposal and have it approved by a committee of two or more members, at least one of whom must be University of Oregon faculty members. When the thesis or terminal project nears completion, the student must present the results of the project to faculty members and students and gain final approval of the project's documentation from the faculty committee. Requirements for the final presentation are listed in the current graduate program guide.

The Division of Graduate Studies requires that graduate students take a minimum of 9 600-level credits. If students opt for a terminal project, this requirement is easily met. If students opt for a thesis, the program does not offer enough 600-level credits to meet this requirement since the internship credit amount changed.

Focal Areas

The three focal areas described in this section reflect the particular interest areas and professional careers that are traditionally sought by program graduates. To focus their studies, students select courses from one of the three areas. Those who want to pursue a broader range of interests may select courses from more than one of the focal areas and develop an approved alternative focal area. It is the student's responsibility to construct such an alternative focal area and present it to the program director for approval no later than the second quarter of the first year of study. A full list of courses for each focal area are available on the program website: [archenvironment.uoregon.edu/hp/graduate](https://archenvironment.uoregon.edu/hp/graduate) (<https://archenvironment.uoregon.edu/hp/graduate/>).

- **Sustainable Preservation Theory, Design, and Technology.** Focusing on the practice of preservation, emphasis is placed on



the skills needed to research, plan, and direct the restoration and adaptive reuse of buildings, places, and landscapes as well as to determine the appropriate levels of treatment.

- **Cultural Resource Management.** Embodied in historic preservation is the management of cultural resources. This focal area provides the legal, planning, and management skills needed for individuals to work within organizations that support efforts to manage cultural resources in both the public and private sectors.
- **Resource Identification and Evaluation.** This focal area reveals the insights and investigative tools for archival and cultural resource research to establish the history and context of buildings, interior spaces, and landscapes that determined settlement, organization, and a sense of place.

## Interior Architecture

**Kyu-ho Ahn, Department Head**

541-346-3656

210 Lawrence Hall

1206 University of Oregon

Eugene, Oregon 97403-1206

The Department of Interior Architecture provides a comprehensive professional design education within a unique interdisciplinary structure. By integrating subject-area coursework with studio design exploration, the program prepares students to act as independent problem-solvers and valuable design-team members.

Shared coursework with architecture in the early stages of the undergraduate or graduate curricula provides an interdisciplinary context for study and learning, leading to advanced courses and studies that explore theory, technology, and practice.

Central to the department is the design studio, where students gain experience with the design of interior spaces and elements and focus on the issues and conditions related to adapting existing sites and buildings. Topical intermediate studios concentrate on specific design issues, human factors, and building types. Specialized intermediate studios focus on the programming, design, and fabrication of furniture, and on construction documents that illustrate a small design project. A final independent two-term comprehensive project caps the design studio experience.

## Faculty

Kyu-Ho Ahn, associate professor. See **Architecture**.

Virginia Cartwright, associate professor. See **Architecture**.

Solmaz Mohammadzadeh Kive, assistant professor. See **Architecture**.

Esther Hagenlocher, associate professor. See **Architecture**.

Linda K. Zimmer, associate professor. See **Architecture**.

## Major - Bachelor's Degree

- Interior Architecture (BIArch) (p. 457)

## Minor

- Interior Architecture (p. 459)

## Majors - Master's Degree

- Interior Architecture (MIArch) (p. 460)
- Interior Architecture (MS) (p. 462)

## Interior Architecture (BIArch)

In interior architecture, we offer a broad professional curriculum that combines robust shared design courses with specialized study in interior design to create big picture design thinkers. Our aim is to help students develop research and design skills they will need to revitalize, reuse, and adapt existing buildings and interior spaces to enhance quality of life for users. Throughout the curriculum we focus on making spaces and objects that resonate with users and provide uplifting, healthy, and sustainable interior environments.

Our department has a long history of interdisciplinary collaborative learning. Interior architecture students are immersed in a rich mix of faculty, students, and courses in other design majors while earning a professional degree accredited by the Council for Interior Design Accreditation (CIDA). Our unique curriculum is project based and student driven. Interior architecture studio courses allow students to propose design solutions to real-life problems that focus on the critical issues of our time. A comprehensive project in the final year allows each student to conduct in-depth study and research into their specialized areas of interest.

The learning outcomes of our Interior Architecture programs, Bachelor of Interior Architecture (B.IArch.) and Master of Interior Architecture (M.IArch.) based upon "Professional Standards" that must be met to be an accredited professional program in Interior Design.

Standards are defined by our Professional Accreditation Agency, the Council for Interior Design Accreditation (CIDA).

There are a total of 16 standards, thirteen of this measure knowledge acquisition and application. Every six years, a team of site visitors examines student work to judge compliance with multiple expectations for each standard.

Expectations for knowledge and application must be verified through course content and completed student work from subject area course and our design studios.

For expectations that require applied knowledge, our goal is for students to show competent application in Interior Design Studios.

To that end, we evaluate student work at the conclusion of each design studio based on CIDA learning expectations.

The learning outcomes below reflect the overarching concept of the Council for Interior Design Accreditation (CIDA) Professional Standards.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Analyze complex design issues and develop meaningful and creative design solutions while addressing theoretical, historical, behavioral, cultural, economic, technological, ecological, social, cultural, and political aspects of the design problems, and applying evidence-based knowledge of human experience/behavior, building construction/systems, light/color theories, products/materials, and building codes.



- Employ all aspects of the design process with various media recording and communication and space-making tools to create convincing design solutions and effectively communicate them visually and verbally, as well as in writing. Students understand the principles, processes, and responsibilities that define the profession and the value of interior architecture to society and social changes.
- Collaborate and participate in interdisciplinary teams and are prepared to maximize their effectiveness in leadership roles or as contributing team members.
- Understand that thinking critically and applying these thoughts in their design development is essential for taking on initiative and pushing boundaries for themselves and the professions.

## Interior Architecture Major

The curriculum of the five-year professional BIArch degree program is highly structured the first two years and more flexible the last three. This flexibility allows each student to establish a study sequence according to individual interests and needs. Transfer students should be aware that an accelerated program is normally possible only for students who transfer from an accredited interior architecture or interior design program.

| Code                                                     | Title                                                                                | Credits |
|----------------------------------------------------------|--------------------------------------------------------------------------------------|---------|
| <b>Design Studios</b>                                    |                                                                                      |         |
| ARCH 283 & ARCH 284                                      | Architectural Design I and Architectural Design II                                   | 12      |
| ARCH 383                                                 | Architectural Design III                                                             | 6       |
| IARC 484                                                 | Interior Design <sup>1,2</sup>                                                       | 24      |
| IARC 486                                                 | Furniture Design                                                                     | 6       |
| IARC 487                                                 | Working Drawings                                                                     | 6       |
| IARC 488 & IARC 489                                      | Interior Design Comprehensive Project I and Interior Design Comprehensive Project II | 16      |
| <b>General Theory</b>                                    |                                                                                      |         |
| IARC 204                                                 | Understanding Contemporary Interiors                                                 | 4       |
| <b>Design Media</b>                                      |                                                                                      |         |
| ARCH 202                                                 | Design Skills                                                                        | 3       |
| ARCH 222                                                 | Introduction to Architectural Computer Graphics                                      | 4       |
| ARCH 423                                                 | Media for Design Development: [Topic]                                                | 3       |
| <b>Design Arts</b>                                       |                                                                                      |         |
| ARCH 440                                                 | Human Context of Design                                                              | 4       |
| IARC 444                                                 | Furniture: Theory and Analysis                                                       | 3       |
| IARC 445                                                 | Comprehensive Project Preparation                                                    | 3       |
| IARC 447                                                 | Color Theory and Application for the Built Environment                               | 3       |
| ARCH 450                                                 | Spatial Composition                                                                  | 4       |
| <b>Design Technology</b>                                 |                                                                                      |         |
| ARCH 470                                                 | Building Construction                                                                | 4       |
| IARC 471                                                 | Interior Construction Elements                                                       | 3       |
| IARC 472                                                 | Interior Finishes and Design Application                                             | 3       |
| IARC 473                                                 | Working Drawings in Interior Architecture                                            | 4       |
| ARCH 492                                                 | Environmental Control Systems II                                                     | 4       |
| IARC 492                                                 | Electric Lighting                                                                    | 3       |
| <b>Professional Context</b>                              |                                                                                      |         |
| ARCH 417                                                 | Context of the Architectural Profession                                              | 4       |
| <b>History of Art, Architecture, and Interior Design</b> |                                                                                      |         |

|                                                                                                                                                            |                                      |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---|
| IARC 474                                                                                                                                                   | History of Interior Architecture I   | 3 |
| IARC 475                                                                                                                                                   | History of Interior Architecture II  | 3 |
| IARC 476                                                                                                                                                   | History of Interior Architecture III | 3 |
| Two additional architectural history courses taught in the Department of the History of Art and Architecture or the School of Architecture and Environment |                                      | 8 |

|                                                     |  |            |
|-----------------------------------------------------|--|------------|
| <b>Electives</b>                                    |  |            |
| 300- or 400-level ARCH or IARC courses              |  | 6          |
| Approved 300- or 400-level courses in allied fields |  | 7          |
| <b>Total Credits</b>                                |  | <b>156</b> |

- <sup>1</sup> Repeatable studio, to be taken four times.
- <sup>2</sup> Site Planning and Design (LA 489)/Site Planning and Design (LA 589) or Architectural Design (ARCH 484)/Architectural Design (ARCH 584) may be substituted.

## Five-Year Degree Plan

Most students graduate in the spring term of their fifth year. However, students who enter the program with a year or more of required university credits may be able to accelerate through the curriculum and graduate in spring of their fourth year.

| Course                         | Title                                           | Credits   | Milestones |
|--------------------------------|-------------------------------------------------|-----------|------------|
| <b>First Year</b>              |                                                 |           |            |
| <b>Fall</b>                    |                                                 |           |            |
| WR 121Z                        | Composition I                                   | 4         |            |
| IARC 204                       | Understanding Contemporary Interiors            | 4         |            |
| ARH 314                        | History of World Architecture I                 | 4         |            |
| Social science course          |                                                 | 4         |            |
| <b>Credits</b>                 |                                                 | <b>16</b> |            |
| <b>Winter</b>                  |                                                 |           |            |
| WR 122Z or WR 123              | Composition II or College Composition III       | 4         |            |
| ARCH 202                       | Design Skills                                   | 3         |            |
| ARCH 283                       | Architectural Design I                          | 6         |            |
| Science course                 |                                                 |           |            |
| <b>Credits</b>                 |                                                 | <b>13</b> |            |
| <b>Spring</b>                  |                                                 |           |            |
| ARCH 222                       | Introduction to Architectural Computer Graphics | 4         |            |
| ARCH 284                       | Architectural Design II                         | 6         |            |
| Architectural history elective |                                                 | 4         |            |
| <b>Credits</b>                 |                                                 | <b>14</b> |            |
| <b>Second Year</b>             |                                                 |           |            |
| <b>Fall</b>                    |                                                 |           |            |
| ARCH 383                       | Architectural Design III                        | 6         |            |
| ARCH 450                       | Spatial Composition                             | 4         |            |
| ARCH 470                       | Building Construction                           | 4         |            |
| <b>Credits</b>                 |                                                 | <b>14</b> |            |
| <b>Winter</b>                  |                                                 |           |            |
| ARCH 440                       | Human Context of Design                         | 4         |            |
| IARC 471                       | Interior Construction Elements                  | 3         |            |
| IARC 484                       | Interior Design                                 | 6         |            |

|                                                                 |           |
|-----------------------------------------------------------------|-----------|
| Arts and letters course                                         | 4         |
| <b>Credits</b>                                                  | <b>17</b> |
| <b>Spring</b>                                                   |           |
| IARC 447 Color Theory and Application for the Built Environment | 3         |
| IARC 472 Interior Finishes and Design Application               | 3         |
| ARCH 492 Environmental Control Systems II                       | 4         |
| Social science course                                           | 4         |
| <b>Credits</b>                                                  | <b>14</b> |
| <b>Summer</b>                                                   |           |
| Optional studio in Eugene, Portland, or abroad                  |           |
| <b>Credits</b>                                                  | <b>0</b>  |
| <b>Third Year</b>                                               |           |
| <b>Fall</b>                                                     |           |
| IARC 444 Furniture: Theory and Analysis                         | 3         |
| IARC 474 History of Interior Architecture I                     | 3         |
| IARC 484 Interior Design                                        | 6         |
| Science course                                                  | 4         |
| <b>Credits</b>                                                  | <b>16</b> |
| <b>Winter</b>                                                   |           |
| ARCH 423 Media for Design Development: [Topic]                  | 3         |
| IARC 475 History of Interior Architecture II                    | 3         |
| Subject area elective <sup>1</sup>                              | 4         |
| Science course                                                  | 4         |
| <b>Credits</b>                                                  | <b>14</b> |
| <b>Spring</b>                                                   |           |
| IARC 476 History of Interior Architecture III                   | 3         |
| IARC 484 Interior Design                                        | 6         |
| Social science course                                           | 4         |
| Upper-division core-education elective                          | 4         |
| <b>Credits</b>                                                  | <b>17</b> |
| <b>Summer</b>                                                   |           |
| Optional studio in Eugene, Portland, or abroad                  |           |
| <b>Credits</b>                                                  | <b>0</b>  |
| <b>Fourth Year</b>                                              |           |
| <b>Fall</b>                                                     |           |
| IARC 484 Interior Design                                        | 6         |
| IARC 492 Electric Lighting                                      | 3         |
| Upper-division core-education elective                          | 4         |
| <b>Credits</b>                                                  | <b>13</b> |
| <b>Winter</b>                                                   |           |
| ARCH 417 Context of the Architectural Profession                | 4         |
| IARC 486 Furniture Design                                       | 6         |
| Subject area elective                                           | 3         |
| Cultural literacy course                                        | 4         |
| <b>Credits</b>                                                  | <b>17</b> |
| <b>Spring</b>                                                   |           |
| IARC 473 Working Drawings in Interior Architecture              | 4         |
| IARC 487 Working Drawings                                       | 6         |
| Subject area elective                                           | 4         |

|                                                   |            |
|---------------------------------------------------|------------|
| Upper-division core-education elective            | 3          |
| <b>Credits</b>                                    | <b>17</b>  |
| <b>Summer</b>                                     |            |
| Optional studio in Eugene, Portland, or abroad    |            |
| <b>Credits</b>                                    | <b>0</b>   |
| <b>Fifth Year</b>                                 |            |
| <b>Fall</b>                                       |            |
| IARC 445 Comprehensive Project Preparation        | 3          |
| Subject area elective                             | 3          |
| Arts and letters course                           | 4          |
| Upper-division core-education elective            | 3          |
| <b>Credits</b>                                    | <b>13</b>  |
| <b>Winter</b>                                     |            |
| IARC 488 Interior Design Comprehensive Project I  | 8          |
| Arts and letters course                           | 4          |
| Cultural literacy course                          | 4          |
| <b>Credits</b>                                    | <b>16</b>  |
| <b>Spring</b>                                     |            |
| IARC 489 Interior Design Comprehensive Project II | 8          |
| Upper-division core-education elective            | 4          |
| <b>Credits</b>                                    | <b>12</b>  |
| <b>Total Credits</b>                              | <b>223</b> |

<sup>1</sup> Core-education and subject area electives can be taken any term and in any order.

## Interior Architecture Minor

The Interior Architecture minor provides a means for students majoring in architecture or landscape architecture to broaden their expertise as designers while exposing students with other majors to courses that integrate design thinking and place making with human behavior and function.

### Minor Requirements: 26 credits

| Code                                                                                                            | Title                                                  | Credits      |
|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------|
| <b>Subject Area (Nonstudio) Requirements</b>                                                                    |                                                        |              |
| IARC 204                                                                                                        | Understanding Contemporary Interiors                   | 4            |
| One intermediate studio is required for programs within the School of Architecture and Environment <sup>1</sup> |                                                        | 6            |
| <b>Subject Area Electives <sup>2</sup></b>                                                                      |                                                        | <b>16-22</b> |
| IARC 407                                                                                                        | Seminar: [Topic]                                       |              |
| ARCH 440                                                                                                        | Human Context of Design                                |              |
| IARC 444                                                                                                        | Furniture: Theory and Analysis                         |              |
| IARC 447                                                                                                        | Color Theory and Application for the Built Environment |              |
| IARC 471                                                                                                        | Interior Construction Elements <sup>1</sup>            |              |
| IARC 472                                                                                                        | Interior Finishes and Design Application <sup>1</sup>  |              |
| IARC 473                                                                                                        | Working Drawings in Interior Architecture <sup>1</sup> |              |
| IARC 474                                                                                                        | History of Interior Architecture I                     |              |
| IARC 475                                                                                                        | History of Interior Architecture II                    |              |
| IARC 476                                                                                                        | History of Interior Architecture III                   |              |

|                      |                                |
|----------------------|--------------------------------|
| IARC 492             | Electric Lighting <sup>1</sup> |
| <b>Total Credits</b> | <b>26</b>                      |

- <sup>1</sup> Course may not be taken by students outside of the Department of Architecture, with the exception of landscape architecture students.
- <sup>2</sup> For students majoring in the Department of Architecture, 16 elective credits are required; for all others, 22 are required.

Undergraduates who are enrolled in any major can apply to the minor. Completed applications including supporting academic records are submitted to the Department of Architecture office. Applicants are notified when their applications have been approved. Because the department's first obligation is to its majors, it cannot guarantee availability of courses for minors. Minors may register if space is available after the needs of majors have been met. Enrollment in the minor program is limited. If the department is unable to accommodate additional minor students, it may suspend admittance to the minor program until space becomes available.

## Interior Architecture (MIArch)

Our master of interior architecture degree allows students to complete an accredited professional degree in a stimulating academic environment that is characterized by cooperation, rigor, and a commitment to human quality in the interior environment.

### Track I

Eligible applicants must hold a bachelor's degree or higher from a regionally accredited (<https://www.chea.org/regional-accrediting-organizations/>) four-year U.S. college or university OR hold an equivalent credential from a qualifying international institution.

### Track II

Eligible applicants must hold an interior architecture/design or architecture bachelor's degree or higher from a regionally accredited (<https://www.chea.org/regional-accrediting-organizations/>) four-year U.S. college or university OR hold an equivalent credential from a qualifying international institution.

The learning outcomes of our Interior Architecture programs, Bachelor of Interior Architecture (B.IArch.) and Master of Interior Architecture (M.IArch.) based upon Professional Standards that must be met to be an accredited professional program in Interior Design.

Standards are defined by our Professional Accreditation Agency the Council for Interior Design Accreditation (CIDA). There is a total of 16 standards, thirteen of this measure knowledge acquisition and application.

Every six years, a team of site visitors examines student work to judge compliance with multiple expectations for each standard.

Expectations for knowledge and application must be verified through course content and completed student work from subject area course and our design studios.

For expectations that require applied knowledge, our goal is for students to show competent application in Interior Design Studios.

To that end, we evaluate student work at the conclusion of each design studio based on CIDA learning expectations.

The learning outcomes below reflect the overarching concept of the CIDA Professional Standards.

## Program Learning Outcomes

- Upon successful completion of this program, students will be able to:
- Analyze complex design issues and develop meaningful and creative design solutions while addressing theoretical, historical, behavioral, cultural, economic, technological, ecological, social, cultural, and political aspects of the design problems, and applying evidence-based knowledge of human experience/behavior, building construction/systems, light/color theories, products/materials, and building codes.
  - Employ all aspects of the design process with various media recording and communication and space-making tools to create convincing design solutions and effectively communicate them visually and verbally, as well as in writing. Students understand the principles, processes, and responsibilities that define the profession and the value of interior architecture to society and social changes.
  - Collaborate and participate in interdisciplinary teams and are prepared to maximize their effectiveness in leadership roles or as contributing team members.
  - Understand that thinking critically and applying these thoughts in their design development is essential for taking on initiative and pushing boundaries for themselves and the professions.

## Professional Master of Interior Architecture Degree Requirements

The professional, CIDA-accredited master of interior architecture (MIArch) degree program prepares students for careers in interior design practice and careers in allied professions that contribute to shaping the built environment.

The department offers two tracks of study. Track I typically takes 10 terms to complete. Track II is a six-term advanced placement program.

### Track I

Students enrolled in the MIArch Track I program must complete the following:

| Code                            | Title                                                                                | Credits |
|---------------------------------|--------------------------------------------------------------------------------------|---------|
| <b>Design Studios</b>           |                                                                                      |         |
| IARC 584                        | Interior Design (four terms)                                                         | 24      |
| IARC 586                        | Furniture Design                                                                     | 6       |
| IARC 587                        | Working Drawings                                                                     | 6       |
| IARC 588 & IARC 589             | Interior Design Comprehensive Project I and Interior Design Comprehensive Project II | 16      |
| ARCH 680                        | Introductory Graduate Design                                                         | 6       |
| ARCH 681                        | Introductory Graduate Design                                                         | 6       |
| <b>Media and Process Skills</b> |                                                                                      |         |
| ARCH 611                        | Graduate Design Process                                                              | 3       |
| Architectural computing course  |                                                                                      | 2       |
| <b>Intermediate Media</b>       |                                                                                      |         |
| ARCH 523                        | Media for Design Development: [Topic]                                                | 3       |
| <b>Design Arts</b>              |                                                                                      |         |
| ARCH 540                        | Human Context of Design                                                              | 4       |
| IARC 545                        | Comprehensive Project Preparation                                                    | 3       |

|                                                                                                                                                           |                                                        |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------|
| IARC 547                                                                                                                                                  | Color Theory and Application for the Built Environment | 3          |
| ARCH 550                                                                                                                                                  | Spatial Composition                                    | 4          |
| <b>Furniture</b>                                                                                                                                          |                                                        |            |
| IARC 544                                                                                                                                                  | Furniture: Theory and Analysis                         | 3          |
| <b>Design Technology</b>                                                                                                                                  |                                                        |            |
| ARCH 570                                                                                                                                                  | Building Construction                                  | 4          |
| IARC 571                                                                                                                                                  | Interior Construction Elements                         | 3          |
| IARC 572                                                                                                                                                  | Interior Finishes and Design Application               | 3          |
| IARC 573                                                                                                                                                  | Working Drawings in Interior Architecture              | 4          |
| ARCH 592                                                                                                                                                  | Environmental Control Systems II                       | 4          |
| IARC 592                                                                                                                                                  | Electric Lighting                                      | 3          |
| <b>Professional Practice</b>                                                                                                                              |                                                        |            |
| ARCH 517                                                                                                                                                  | Context of the Architectural Profession                | 4          |
| <b>Architectural History</b>                                                                                                                              |                                                        |            |
| IARC 574                                                                                                                                                  | History of Interior Architecture I                     | 3          |
| IARC 575                                                                                                                                                  | History of Interior Architecture II                    | 3          |
| IARC 576                                                                                                                                                  | History of Interior Architecture III                   | 3          |
| One additional architectural history course taught in the Department of the History of Art and Architecture or the School of Architecture and Environment |                                                        | 4          |
| Course in 20th-century architectural history                                                                                                              |                                                        | 4          |
| <b>Subject Area Electives</b>                                                                                                                             |                                                        | <b>16</b>  |
| Seminar                                                                                                                                                   |                                                        | 6          |
| <b>Total Credits</b>                                                                                                                                      |                                                        | <b>153</b> |

Track I students typically complete all or most of the MIArch degree requirements at the University of Oregon, and begin the program the summer before their first full academic year of study. Students with bachelor's degrees (BA, BS) other than a preprofessional degree in interior design, interior architecture, or architecture must apply to the Track I program.

## Track II

| Code                            | Title                                                  | Credits |
|---------------------------------|--------------------------------------------------------|---------|
| <b>Design Studios</b>           |                                                        |         |
| IARC 584                        | Interior Design (two terms)                            | 12      |
| IARC 586                        | Furniture Design                                       | 6       |
| IARC 587                        | Working Drawings                                       | 6       |
| IARC 588                        | Interior Design Comprehensive Project I                | 8       |
| IARC 589                        | Interior Design Comprehensive Project II               | 8       |
| <b>Media and Process Skills</b> |                                                        |         |
| ARCH 611                        | Graduate Design Process                                | 3       |
| Architectural computing course  |                                                        | 2       |
| <b>Intermediate Media</b>       |                                                        |         |
| ARCH 523                        | Media for Design Development: [Topic]                  | 3       |
| <b>Design Arts</b>              |                                                        |         |
| ARCH 540                        | Human Context of Design                                | 4       |
| IARC 545                        | Comprehensive Project Preparation                      | 3       |
| IARC 547                        | Color Theory and Application for the Built Environment | 3       |
| ARCH 550                        | Spatial Composition                                    | 4       |
| <b>Furniture</b>                |                                                        |         |
| IARC 544                        | Furniture: Theory and Analysis                         | 3       |

## Design Technology

|          |                                           |   |
|----------|-------------------------------------------|---|
| ARCH 570 | Building Construction                     | 4 |
| IARC 571 | Interior Construction Elements            | 3 |
| IARC 572 | Interior Finishes and Design Application  | 3 |
| IARC 573 | Working Drawings in Interior Architecture | 4 |
| ARCH 592 | Environmental Control Systems II          | 4 |

## Professional Practice

|          |                                         |   |
|----------|-----------------------------------------|---|
| ARCH 517 | Context of the Architectural Profession | 4 |
|----------|-----------------------------------------|---|

## Architectural History

|            |                                          |   |
|------------|------------------------------------------|---|
| IARC 574   | History of Interior Architecture I       | 9 |
| & IARC 575 | and History of Interior Architecture II  |   |
| & IARC 576 | and History of Interior Architecture III |   |

One additional architectural history courses taught in the Department of the History of Art and Architecture or the School of Architecture and Environment

|                                              |   |
|----------------------------------------------|---|
| Course in 20th-century architectural history | 4 |
|----------------------------------------------|---|

**Subject Area Electives** <sup>1</sup> **16**

|         |   |
|---------|---|
| Seminar | 6 |
|---------|---|

**Total Credits** **126**

<sup>1</sup> Subject area electives and seminars may be taken any term and in any order; one 3-credit (minimum) subject area elective must be an approved design arts course (not technology or media).

Applicants who have a four-year preprofessional degree in an environmental design discipline (interior architecture, interior design, or architecture) and an equivalent amount of professional studio and course work may be considered for Track II. Students admitted into Track II begin their studies fall term. Track II students must fulfill the same professional curriculum requirements as those in the Track I program, but are admitted with advanced standing in studio and subject-area courses. Transfer credit may be given to students who have had academic experience in an interior architecture or design program accredited by the Council for Interior Design Accreditation, or an architecture program accredited by the National Architectural Accrediting Board (NAAB). The extent of this advanced standing is determined in consultation with the department academic advisor before beginning the program, and the student's advanced standing is reevaluated at intervals. This preliminary evaluation of transfer credit is provisional, pending satisfactory completion of three terms in residence.

Track II students may receive credit for up to four previously taken design studios and up to 50 credits of subject-area courses. Students usually complete a minimum of six terms and the approximately 87 credits in residence.

## MIArch Track I Sample Plan of Study

| Course                                       | Title                        | Credits   | Milestones |
|----------------------------------------------|------------------------------|-----------|------------|
| <b>Prerequisite Summer</b>                   |                              |           |            |
| ARCH 611                                     | Graduate Design Process      | 3         |            |
| ARCH 680                                     | Introductory Graduate Design | 6         |            |
| Course in 20th-century architectural history |                              | 3         |            |
| <b>Credits</b>                               |                              | <b>12</b> |            |
| <b>First Year</b>                            |                              |           |            |
| <b>Fall</b>                                  |                              |           |            |
| ARCH 681                                     | Introductory Graduate Design | 6         |            |
| ARCH 570                                     | Building Construction        | 4         |            |

|                                                    |                                                        |           |
|----------------------------------------------------|--------------------------------------------------------|-----------|
| ARCH 550                                           | Spatial Composition                                    | 4         |
| Additional course in design computing <sup>1</sup> |                                                        | 2         |
| <b>Credits</b>                                     |                                                        | <b>16</b> |
| <b>Winter</b>                                      |                                                        |           |
| ARCH 540                                           | Human Context of Design                                | 4         |
| IARC 571                                           | Interior Construction Elements                         | 3         |
| IARC 584                                           | Interior Design                                        | 6         |
| Subject area elective <sup>2</sup>                 |                                                        | 3         |
| <b>Credits</b>                                     |                                                        | <b>16</b> |
| <b>Spring</b>                                      |                                                        |           |
| IARC 547                                           | Color Theory and Application for the Built Environment | 3         |
| IARC 572                                           | Interior Finishes and Design Application               | 3         |
| IARC 584                                           | Interior Design                                        | 6         |
| ARCH 592                                           | Environmental Control Systems II                       | 4         |
| <b>Credits</b>                                     |                                                        | <b>16</b> |
| <b>Summer</b>                                      |                                                        |           |
| Optional studio in Eugene, Portland, or abroad     |                                                        |           |
| <b>Credits</b>                                     |                                                        | <b>0</b>  |
| <b>Second Year</b>                                 |                                                        |           |
| <b>Fall</b>                                        |                                                        |           |
| IARC 544                                           | Furniture: Theory and Analysis                         | 3         |
| IARC 574                                           | History of Interior Architecture I                     | 3         |
| IARC 584                                           | Interior Design                                        | 6         |
| IARC 592                                           | Electric Lighting                                      | 3         |
| <b>Credits</b>                                     |                                                        | <b>15</b> |
| <b>Winter</b>                                      |                                                        |           |
| IARC 575                                           | History of Interior Architecture II                    | 3         |
| IARC 586                                           | Furniture Design                                       | 6         |
| Subject area electives <sup>2</sup>                |                                                        |           |
| <b>Credits</b>                                     |                                                        | <b>9</b>  |
| <b>Spring</b>                                      |                                                        |           |
| ARCH 523                                           | Media for Design Development: [Topic]                  | 3         |
| IARC 573                                           | Working Drawings in Interior Architecture              | 4         |
| IARC 576                                           | History of Interior Architecture III                   | 3         |
| IARC 587                                           | Working Drawings                                       | 6         |
| <b>Credits</b>                                     |                                                        | <b>16</b> |
| <b>Summer</b>                                      |                                                        |           |
| Optional studio in Eugene, Portland, or abroad     |                                                        |           |
| <b>Credits</b>                                     |                                                        | <b>0</b>  |
| <b>Third Year</b>                                  |                                                        |           |
| <b>Fall</b>                                        |                                                        |           |
| IARC 545                                           | Comprehensive Project Preparation                      | 3         |
| IARC 584                                           | Interior Design                                        | 6         |
| Architectural history elective                     |                                                        | 3         |
| <b>Credits</b>                                     |                                                        | <b>12</b> |
| <b>Winter</b>                                      |                                                        |           |
| ARCH 517                                           | Context of the Architectural Profession                | 4         |
| IARC 588                                           | Interior Design Comprehensive Project I                | 8         |

|                                    |                                          |     |
|------------------------------------|------------------------------------------|-----|
| Seminar <sup>2</sup>               |                                          | 3   |
| Credits                            |                                          | 15  |
| Spring                             |                                          |     |
| IARC 589                           | Interior Design Comprehensive Project II | 8   |
| Seminar <sup>2</sup>               |                                          | 3   |
| Subject area elective <sup>2</sup> |                                          | 3   |
| Credits                            |                                          | 14  |
| Total Credits                      |                                          | 141 |

- <sup>1</sup> May be waived for students with appropriate background in design computing.
- <sup>2</sup> Subject area electives and seminars may be taken any term and in any order; one 3-credit (minimum) subject area elective must be an approved design arts course (not technology or media).

## Interior Architecture (MS)

The post-professional Master of Science interior architecture degree program allows individuals to complete advanced research that builds on an undergraduate professional degree in interior design/architecture or architecture.

Eligible applicants must hold a bachelor's degree or higher from a regionally accredited (<https://www.chea.org/regional-accrediting-organizations/>) four-year U.S. college or university OR hold an equivalent credential from a qualifying international institution.

This degree provides an opportunity for advanced study and contribution to knowledge in the field through the thesis. The course of study prepares students for careers in research, teaching, consulting, and further graduate study. Students will also gain a greater understanding of the relationship between the discipline and the profession while working closely with faculty mentors helping to guide individual research. This degree does not provide a path to licensure.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of subject content and technical skills through course work.
- Demonstrate effective artistic, oral, and written communication skills.
- Develop independent research, technical, and/or professional skills to carry out and report on MS thesis or Final Project as outlined in the Graduate handbook.
- Demonstrate pedagogic ability in teaching and/or supervising undergraduate learning.

## Postprofessional Master of Science Degree Requirements

The postprofessional program is for individuals with an undergraduate professional degree in architecture or interior architecture. This degree provides an opportunity for advanced study and contribution to knowledge in the field through the thesis. The course of study prepares students for careers in research, teaching, consulting, and further graduate study. Students also gain a greater understanding of the relationship between the discipline and the profession while working closely with faculty mentors helping to guide their individual research.



Prospective applicants may find information about the program and application requirements on the department website.

## Landscape Architecture

### Roxi Thoren, Department Head

541-346-3641

210 Lawrence Hall

archinfo@uoregon.edu (landarch@uoregon.edu)

Landscape architecture is an environmental design and planning profession of broad scope concerned with the creation, protection, restoration, and management of landscapes. Landscape architecture is founded on an awareness of our deep connections to the natural world and how people and their work are part of the web of life. The profession is deeply attentive to how places serve human needs and support sustainable and resilient cities and other landscapes. A healthy society rests on a commitment to sound landscape design, planning, and conservation that respects the land, its processes, its integrity—and that of human-ecological processes, helping to fulfill human potential.

Both a science and an art, landscape architecture involves creative decision-making based on scientific knowledge of natural processes coupled with awareness of historical, cultural, and social dynamics. The profession also makes intensive use of technologies for landscape construction and environmental management—digital graphics, geographic information systems, and computer-aided design. These are applied to making richly supportive places for people and ecosystems that are beautiful and healthy, responding to human needs and to local natural and socioeconomic systems.

As a profession, landscape architecture includes design at many scales, including ecologically based planning activities, transformation of urban and rural landscapes, service to disadvantaged communities, and design of parks and gardens. As an academic discipline, it provides opportunities for personal development through environmental problem-solving, graphic and oral communication, and project-oriented study in which small groups of students work with instructors to address pressing contemporary problems through detailed development of land and sites.

## Faculty

Jacques Abelman, assistant professor (social justice, landscape infrastructure, food systems). BA, 1996, Amherst College; MA, 2002, University of the Arts, London; MLA, 2014, Amsterdam Academy of Architecture; reg. landscape architect, Netherlands. (2016)

Elisabeth Chan, associate professor (design representation, design theory). BA, 1993, Hampshire; MLA, 2000, Cornell. (2001)

Arica Duhrkoop-Galas, instructor (plants, planting design, landscape construction). BA, 1998, Portland State; CE, 1999, Cambridge; MLA, 2005, Oregon; reg. landscape architect, Oregon. (2010)

Mark Eischeid, assistant professor (landscape history, design theory, critical practice). BS, 1994, Stanford; MLA, 2000, California, Berkeley; MFA, 2010, Edinburgh; reg. landscape architect, California. (2014)

Chris Enright, instructor (landscape planning, landscape analysis, geographic information systems). BA, 1984, California, Santa Barbara; BLA, 2003, MLA 2006, PhD, 2013, Oregon. (2013)

Michael Geffel, visiting professor (design processes, design experiments, construction techniques). BS, 2006, Oregon; MLA, 2013, Virginia. (2017)

David Hulse, Philip H. Knight Professor (alternative futures analysis, river restoration and management, landscape ecology). BSLA, 1981, Colorado State; MLA, 1984, Harvard. (1985)

Bart Johnson, professor (climate change adaptation, ecological restoration, urban ecosystems). BS, 1987, Cornell; MLA, 1992, PhD, 1995, Georgia. (1995)

Harper Keeler, instructor (civic agriculture, landscape biodynamics, urban farm director). BLA, 1995; MLA 2011, Oregon. (2010)

Yekang Ko, assistant professor (urban sustainability, energy landscapes, climate-responsive design). BS, 2005, Korea; PhD, 2012, California, Berkeley (2016)

Jun Hak Lee, instructor (geographic information systems, data visualization). BS, 1999, MS, 2001, Korea; PhD, 2010, California, Berkeley. (2016)

Dennis "Whitey" Lueck, instructor (horticulture, field studies, landscape biodynamics). BS, 1974, Pennsylvania State; MS, MA, 1980, Oregon State. (2005)

Robert G. Ribe, professor (landscape planning and analysis, visual resource management, landscape economics). BS, 1977, California, Riverside; MSLA, 1981, MA, 1987, PhD, 1990, Wisconsin; Fellow, American Society of Landscape Architects. (1988)

Kory Russel, acting assistant professor (water, container-based sanitation, informal settlements). BS, 2003, MES, 2005, Taylor; MS, 2012, Stanford. (2016)

Brad Stangeland, instructor (landscape construction, computer-aided design, professional practice). BLA, 1983, Oregon; reg. landscape architect, Oregon. (2003)

Roxi Thoren, associate professor (productive landscapes, cultural identity, design theory). BA, 1996, Wellesley; MArch, 2001, MLA, 2002, Virginia. (2004)

## Emeriti

Jerome Diethelm, professor emeritus. BArch, 1962, Washington (Seattle); MLA, 1964, Harvard; reg. architect and landscape architect, Oregon. (1970)

Kenneth I. Helphand, professor emeritus. BA, 1968, Brandeis; MLA, 1972, Harvard; Fellow, American Society of Landscape Architects. (1974)

Robert Z. Melnick, professor emeritus. BA, 1970, Bard; MLA, 1975, State University of New York, College of Environmental Science and Forestry; Fellow, American Society of Landscape Architects. (1982)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Majors - Bachelor's Degree

- Environmental Design (BA/BS) (p. 464)
- Landscape Architecture (BLA) (p. 466)

- Minor
- Landscape Architecture (p. 469)
- Major - Master's Degree
- Landscape Architecture (MLA) (p. 469)
- Major - Doctoral Degree
- Landscape Architecture (PhD) (p. 471)

## Environmental Design (BA/BS)

The College of Design at the University of Oregon provides undergraduate students with a design school experience supported by the resources and benefits of a large research university.

The Environmental Design program is a multidisciplinary BA/BS focusing on visual and spatial design skills applied to the context of environmental sustainability. This degree combines coursework from landscape architecture; architecture, interior architecture, planning, public policy, art, product design, and historic preservation.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Critical Thinking
- Content Knowledge
- Dissemination

### Environmental Design Major Requirements

| Code                                         | Title                                                                         | Credits |
|----------------------------------------------|-------------------------------------------------------------------------------|---------|
| Required Core Courses                        |                                                                               |         |
| ARCH 201                                     | Introduction to Architecture                                                  | 4       |
| IARC 204                                     | Understanding Contemporary Interiors                                          | 4       |
| LA 301                                       | Environmental Design Careers                                                  | 2       |
| LA 260                                       | Understanding Landscapes                                                      | 4       |
| LA 289                                       | Landscape Architectural Design<br>(Repeatable course, only one term required) | 6       |
| LA 337                                       | Landscape Field Work: [Topic]                                                 | 4       |
| PPPM 205                                     | Introduction to City Planning                                                 | 4       |
| PPPM 321                                     | Inclusive Urbanism                                                            | 4       |
| PPPM 445                                     | Green Cities                                                                  | 4       |
| Contextualizing Courses (Choose two courses) |                                                                               | 7-8     |
| AAAP 411                                     | Introduction to Historic Preservation                                         |         |
| ARCH 430                                     | Architectural Contexts: Place and Culture                                     |         |
| ARCH 440                                     | Human Context of Design                                                       |         |
| ARH 358                                      | History of Design                                                             |         |
| ARH 150                                      | Introduction to Visual Culture                                                |         |
| ART 233                                      | Drawing I                                                                     |         |
| PD 101                                       | Introduction to Product Design                                                |         |
| Concentration                                |                                                                               | 24      |
| Total Credits                                |                                                                               | 67-68   |

### Design Technology Concentration

| Code             | Title                                | Credits |
|------------------|--------------------------------------|---------|
| Required Courses |                                      |         |
| LA 451           | Landscape Media I                    | 2       |
| LA 452           | Landscape Media II                   | 2       |
| LA 453           | Landscape Media III                  | 2       |
| Electives        |                                      | 18      |
| LA 415           | Computers in Landscape Architecture  |         |
| LA 423           |                                      |         |
| LA 450           | Advanced Landscape Media: [Topic]    |         |
| LA 459           | Landscape Technology Topics          |         |
| PPPM 434         | Urban Geographic Information Systems |         |
| ART 233          | Drawing I                            |         |
| GEOG 481         | GIScience I                          |         |
| GEOG 482         | GIScience II                         |         |
| GEOG 485         | Remote Sensing I                     |         |
| GEOG 486         | Remote Sensing II                    |         |
| GEOG 490         | GIScience: [Topic]                   |         |
| GEOG 493         | Advanced Cartography                 |         |
| Total Credits    |                                      | 24      |

### Landscape Design Concentration

| Code             | Title                                       | Credits |
|------------------|---------------------------------------------|---------|
| Required Courses |                                             |         |
| LA 289           | Landscape Architectural Design              | 6       |
| LA 451           | Landscape Media I                           | 2       |
| LA 452           | Landscape Media II                          | 2       |
| LA 453           | Landscape Media III                         | 2       |
| Electives        |                                             | 12      |
| LA 326           | Plants: Fall                                |         |
| LA 328           | Spring Plants                               |         |
| LA 410           | Experimental Course: [Topic]                |         |
| LA 413           | Analyzing Landscape Systems                 |         |
| LA 415           | Computers in Landscape Architecture         |         |
| LA 423           |                                             |         |
| LA 439           | Landscape Architectural Design and Process  |         |
| LA 440           | Introduction to Landscape Planning Analysis |         |
| LA 459           | Landscape Technology Topics                 |         |
| LA 472           | Landscape Architectural Theory: [Topic]     |         |
| LA 474           | History of Landscape Architecture I         |         |
| LA 475           | History of Landscape Architecture II        |         |
| ARH 368          | Arts and Visual Cultures of Climate Change  |         |
| ARH 457          | Contemporary Art: [Topic]                   |         |
| Total Credits    |                                             | 24      |

### Urban Sustainability Concentration

| Code             | Title                                | Credits |
|------------------|--------------------------------------|---------|
| Required Courses |                                      |         |
| PPPM 434         | Urban Geographic Information Systems | 4       |
| PPPM 440         | Land-Use Planning and Policy         | 4       |

|                      |                                              |           |
|----------------------|----------------------------------------------|-----------|
| PPPM 442             | Sustainable Urban Development                | 4         |
| <b>Electives</b>     |                                              | <b>12</b> |
| PPPM 370             | Global Sustainable Development and Policy    |           |
| PPPM 408             | Workshop: [Topic]                            |           |
| PPPM 432             |                                              |           |
| PPPM 438             | Transportation Issues in Planning: [Topic]   |           |
| PPPM 443             | Natural Resource Policy                      |           |
| PPPM 448             | Collaboration                                |           |
| LAW 101              | Introduction to American Law                 |           |
| LAW 201              | Introduction to Environmental Law and Policy |           |
| LAW 310              | Environmental Regulation                     |           |
| ARCH 431             | Community Design                             |           |
| ARCH 435             | Principles of Urban Design                   |           |
| ENVS 455             | Sustainability                               |           |
| ENVS 467             | Sustainable Agriculture                      |           |
| GEOG 481             | GIScience I                                  |           |
| GEOG 482             | GIScience II                                 |           |
| GEOG 485             | Remote Sensing I                             |           |
| GEOG 486             | Remote Sensing II                            |           |
| GEOG 490             | GIScience: [Topic]                           |           |
| GEOG 493             | Advanced Cartography                         |           |
| <b>Total Credits</b> |                                              | <b>24</b> |

## Resilience and Advocacy Concentration

| Code                    | Title                                      | Credits   |
|-------------------------|--------------------------------------------|-----------|
| <b>Required Courses</b> |                                            |           |
| PPPM 101                | Advocacy and Social Change                 | 4         |
| PPPM 201                | Introduction to Public Policy              | 4         |
| PPPM 340                | Climate-Change Policy                      | 4         |
| <b>Electives</b>        |                                            | <b>12</b> |
| PPPM 370                | Global Sustainable Development and Policy  |           |
| PPPM 408                | Workshop: [Topic]                          |           |
| PPPM 410                | Experimental Course: [Topic]               |           |
| PPPM 432                |                                            |           |
| PPPM 440                | Land-Use Planning and Policy               |           |
| PPPM 442                | Sustainable Urban Development              |           |
| PPPM 443                | Natural Resource Policy                    |           |
| PPPM 444                | Environmental Policy                       |           |
| LA 326                  | Plants: Fall                               |           |
| LA 328                  | Spring Plants                              |           |
| LA 390                  | Urban Farm                                 |           |
| LA 410                  | Experimental Course: [Topic]               |           |
| LA 429                  | Civic Agriculture                          |           |
| LA 441                  | Principles of Applied Ecology              |           |
| IARC 476                | History of Interior Architecture III       |           |
| ARH 368                 | Arts and Visual Cultures of Climate Change |           |
| ARH 457                 | Contemporary Art: [Topic]                  |           |
| ENVS 345                | Environmental Ethics                       |           |

|                      |                       |           |
|----------------------|-----------------------|-----------|
| ENVS 435             | Environmental Justice |           |
| <b>Total Credits</b> |                       | <b>24</b> |

## Sustainable Built Environments Concentration

| Code                    | Title                                                  | Credits   |
|-------------------------|--------------------------------------------------------|-----------|
| <b>Required Courses</b> |                                                        |           |
| LA 451                  | Landscape Media I                                      | 2         |
| LA 452                  | Landscape Media II                                     | 2         |
| LA 453                  | Landscape Media III                                    | 2         |
| <b>Electives</b>        |                                                        | <b>18</b> |
| ARCH 407                | Seminar: [Topic]                                       |           |
| ARCH 430                | Architectural Contexts: Place and Culture              |           |
| ARCH 431                | Community Design                                       |           |
| ARCH 435                | Principles of Urban Design                             |           |
| ARCH 437                | Theory of Urban Design II                              |           |
| ARCH 440                | Human Context of Design                                |           |
| ARCH 450                | Spatial Composition                                    |           |
| ARCH 492                | Environmental Control Systems II                       |           |
| ARH 314                 | History of World Architecture I                        |           |
| ARH 315                 | History of World Architecture II                       |           |
| IARC 444                | Furniture: Theory and Analysis                         |           |
| IARC 447                | Color Theory and Application for the Built Environment |           |
| IARC 474                | History of Interior Architecture I                     |           |
| IARC 475                | History of Interior Architecture II                    |           |
| IARC 476                | History of Interior Architecture III                   |           |
| ART 233                 | Drawing I                                              |           |
| PD 340                  | Design for Use                                         |           |
| PD 350                  | Objects and Impacts                                    |           |
| PD 370                  | Design Process                                         |           |
| <b>Total Credits</b>    |                                                        | <b>24</b> |

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

## Bachelor's Degree in Environmental Design

| Course                | Title                          | Credits   | Milestones |
|-----------------------|--------------------------------|-----------|------------|
| <b>First Year</b>     |                                |           |            |
| <b>Fall</b>           |                                |           |            |
| ARCH 201              | Introduction to Architecture   | 4         |            |
| LA 260                | Understanding Landscapes       | 4         |            |
| WR 121Z               | Composition I                  | 4         |            |
| Social science course |                                | 4         |            |
| <b>Credits</b>        |                                | <b>16</b> |            |
| <b>Winter</b>         |                                |           |            |
| LA 289                | Landscape Architectural Design | 6         |            |
| WR 122Z               | Composition II                 | 4         |            |
| or WR 123             | or College Composition III     |           |            |

|                                               |           |
|-----------------------------------------------|-----------|
| Social science course                         | 4         |
| <b>Credits</b>                                | <b>14</b> |
| <b>Spring</b>                                 |           |
| LA 337 Landscape Field Work: [Topic]          | 4         |
| PPPM 205 Introduction to City Planning        | 4         |
| Global perspectives course                    | 4         |
| Social science course                         | 4         |
| <b>Credits</b>                                | <b>16</b> |
| <b>Second Year</b>                            |           |
| <b>Fall</b>                                   |           |
| IARC 204 Understanding Contemporary Interiors | 4         |
| Contextualizing course                        | 4         |
| Arts & letters course                         | 4         |
| Science course                                | 4         |
| <b>Credits</b>                                | <b>16</b> |
| <b>Winter</b>                                 |           |
| LA 301 Environmental Design Careers           | 2         |
| PPPM 321 Inclusive Urbanism                   | 4         |
| Arts & letters course                         | 4         |
| Science course                                | 4         |
| <b>Credits</b>                                | <b>14</b> |
| <b>Spring</b>                                 |           |
| PPPM 445 Green Cities                         | 4         |
| Contextualizing course                        | 4         |
| Arts & letters course                         | 4         |
| US: Diversity, inequality, agency course      | 4         |
| <b>Credits</b>                                | <b>16</b> |
| <b>Third Year</b>                             |           |
| <b>Fall</b>                                   |           |
| Concentration required course                 | 4         |
| Concentration elective courses                | 8         |
| Math or language course                       | 4         |
| <b>Credits</b>                                | <b>16</b> |
| <b>Winter</b>                                 |           |
| Concentration required course                 | 4         |
| Concentration elective course                 | 4         |
| Math or language course                       | 4         |
| Elective course                               | 4         |
| <b>Credits</b>                                | <b>16</b> |
| <b>Spring</b>                                 |           |
| Concentration required course                 | 4         |
| Science course                                | 4         |
| Math or language course                       | 4         |
| Elective course                               | 4         |
| <b>Credits</b>                                | <b>16</b> |
| <b>Fourth Year</b>                            |           |
| <b>Fall</b>                                   |           |
| Concentration elective course                 | 4         |
| Math or language course                       | 4         |
| Elective course                               | 4         |
| <b>Credits</b>                                | <b>12</b> |

**Winter**

|                               |   |
|-------------------------------|---|
| Concentration elective course | 4 |
| Math or language course       | 4 |
| Elective courses              | 8 |

**Credits** **16**

**Spring**

|                         |   |
|-------------------------|---|
| Math or language course | 4 |
| Elective courses        | 8 |

**Credits** **12**

**Total Credits** **180**

## Landscape Architecture (BLA)

As a landscape architecture major you'll combine science and art to design positive change in environments and communities around the world. Learn how to draw, the principles of ecological design, and how to present your ideas using specialized software and technologies. Collaborate with local communities to design parks and gardens that foster social development and environmental awareness. All you need is a desire to create something new—the landscape architecture department will show you how to do the rest.

You'll learn how to create outdoor spaces that take people's needs and the ecological context into account. Explore the connections between design and planning, theory and practice, art and technology, school and the "real world," head and hand, and large scale and small scale. Enrollment in the landscape architecture department starts with a pre-major status (<https://archenvironment.uoregon.edu/landarch/undergraduate/>). Once you are on campus, you will be advised on how and when to declare the landscape architecture major.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Show competency in understanding and deploying analytical tools used in the practice of Landscape Architecture.
- Understand range of design and building solutions to environmental problems and changing climate.
- Demonstrate graphic competency for landscape.

## Landscape Architecture Premajor

UO students interested in landscape architecture should first declare as a premajor. Current UO students may change their premajor to landscape architecture at any time during their undergraduate years. Landscape architecture premajors receive departmental advising, priority registration, and departmental communications. The department also offers scholarships and funded field studies opportunities exclusively for such students.

**Premajor Advising.** Landscape architecture premajors are strongly encouraged to meet with the BLA director or the School of Architecture and Environment advisor in 210 Lawrence Hall to receive assistance with applications, gain information about the program, or check on their academic progress and completion of premajor requirements.

**Listserver for Premajors.** Once students declare the premajor, their UO email addresses are added to the landscape architecture undergraduate listserver, which is used for sharing important departmental information

and posts that may be of interest to undergraduate premajors and majors.

**Applications.** Students in the premajor or landscape architecture minor, or UO applicants with evidence of design background, may apply to the BLA degree at any time prior to entering Landscape Architectural Design and Process (LA 439) studios, which are restricted to BLA students.

UO applicants with little or no design background should enter the premajor.

Current School of Architecture and Environment majors (architecture, interior architecture) in good-standing (2.50 minimum GPA), may enter the BLA program without a formal application. These students should discuss their degree plan with the BLA director, who will confirm enrollment with the School of Architecture and Environment advising staff.

Students who wish to enter the BLA program must meet the requirements below, complete lower-division course work, and complete a separate application to the BLA prior to entering the Landscape Architectural Design and Process (LA 439) studios.

- Cumulative UO GPA of 2.50 or better
- Requirements listed below must be passed with at least a C– or P or P\*.
- Satisfactory completion of the following:
  - Lower-division core courses: Understanding Landscapes (LA 260) or Introduction to Landscape Architecture (LA 227)
  - Introductory design studios Landscape Architectural Design (LA 289) **or** Architectural Design I (ARCH 283) and Architectural Design II (ARCH 284)
  - Design Skills (ARCH 202) and Introduction to Architectural Computer Graphics (ARCH 222)
- Satisfactory completion of one basic ecology or natural systems course

Applications may be submitted prior to completion of the premajor requirements. The department admits students fall, winter, and spring terms. Admission to the BLA is effective the following term. The deadline to apply falls on the Friday of the fourth week.

To be considered for admission to the major, students must complete and submit the following materials through the online SlideRoom applicant tracking system:

- Application form
- Landscape architecture premajor checklist, available as a PDF on the department website or in hard-copy form in 210 Lawrence Hall
- Portfolio of design and art work, completed in the Landscape Architectural Design (LA 289) studios, or media courses, or elsewhere

Prospective applicants may find information about the program and application requirements on the department website.

## Landscape Architecture Major Requirements

Requirements for the BLA degree (including university requirements) total 180 credits. Courses required for the major must be passed with a grade of at least C– or P or P\*. Studio courses are pass/no pass only; students must pass each studio to progress to the next studio level.

| Code                                                   | Title                                                      | Credits    |
|--------------------------------------------------------|------------------------------------------------------------|------------|
| <b>Landscape Architecture Design Studios</b>           |                                                            |            |
| LA 289                                                 | Landscape Architectural Design (two studios)               | 12         |
| LA 439                                                 | Landscape Architectural Design and Process (three studios) | 18         |
| LA 489                                                 | Site Planning and Design (three studios)                   | 18         |
| LA 494                                                 | Land Planning and Design                                   | 6          |
| LA 499                                                 | Comprehensive Project                                      | 8          |
| <b>Landscape Architecture Materials + Construction</b> |                                                            |            |
| LA 462                                                 | Professional Practice Landscape Architecture               | 2          |
| LA 464                                                 | Landscape Materials and Construction I                     | 4          |
| LA 465                                                 | Landscape Materials and Construction II                    | 4          |
| LA 466                                                 | Landscape Materials and Construction III                   | 4          |
| <b>Landscape Analysis + Planning</b>                   |                                                            |            |
| LA 413                                                 | Analyzing Landscape Systems                                | 4          |
| LA 415                                                 | Computers in Landscape Architecture                        | 4          |
| LA 440                                                 | Introduction to Landscape Planning Analysis                | 4          |
| LA 441                                                 | Principles of Applied Ecology                              | 4          |
| <b>History + Theory of Landscape Architecture</b>      |                                                            |            |
| LA 260                                                 | Understanding Landscapes                                   | 4          |
| LA 474                                                 | History of Landscape Architecture I                        | 4          |
| LA 475                                                 | History of Landscape Architecture II                       | 4          |
| LA 472                                                 | Landscape Architectural Theory: [Topic]                    | 4          |
| <b>Landscape Architecture Media</b>                    |                                                            |            |
| LA 352                                                 | Digital Landscape Media (Digital Landscape Media)          | 2          |
| LA 451                                                 | Landscape Media I                                          | 2          |
| LA 452                                                 | Landscape Media II                                         | 2          |
| LA 453                                                 | Landscape Media III                                        | 2          |
| <b>Electives <sup>1</sup></b>                          |                                                            | <b>16</b>  |
| <b>Total Credits</b>                                   |                                                            | <b>132</b> |

<sup>1</sup> To fulfill the electives for the major, the department will accept any course (200 level or above) that is offered within the School of Architecture and Environment. Alternative courses must be approved by the student's academic advisor and are typically found within the College of Design but may be found in the Department of Geography or the Environmental Studies Program. Additional elective courses may be necessary to meet the credit requirement for the major.

## Five-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in five years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Landscape Architecture

| Course                                       | Title         | Credits | Milestones |
|----------------------------------------------|---------------|---------|------------|
| <b>First Year</b>                            |               |         |            |
| <b>Fall</b>                                  |               |         |            |
| WR 121Z                                      | Composition I | 4       |            |
| General-education course in arts and letters |               | 4       |            |



|                                                                |           |
|----------------------------------------------------------------|-----------|
| General-education course in social science                     | 4         |
| General-education course in science                            | 4         |
| <b>Credits</b>                                                 | <b>16</b> |
| <b>Winter</b>                                                  |           |
| WR 122Z Composition II<br>or WR 123 or College Composition III | 4         |
| General-education course in social science                     | 4         |
| General-education course in science                            | 4         |
| Multicultural course                                           | 4         |
| <b>Credits</b>                                                 | <b>16</b> |
| <b>Spring</b>                                                  |           |
| General-education course in arts and letters                   | 4         |
| General-education course in social science                     | 4         |
| General-education course in science                            | 4         |
| Multicultural course                                           | 4         |
| <b>Credits</b>                                                 | <b>16</b> |
| <b>Total Credits</b>                                           | <b>48</b> |

| Course                                      | Title                          | Credits   | Milestones |
|---------------------------------------------|--------------------------------|-----------|------------|
| <b>Second Year</b>                          |                                |           |            |
| <b>Fall</b>                                 |                                |           |            |
| LA 260                                      | Understanding Landscapes       | 4         |            |
| LA 326                                      | Plants: Fall                   | 4         |            |
| Elective courses with an LA subject code    |                                | 8         |            |
| Meet with advisor to discuss academic goals |                                |           |            |
| <b>Credits</b>                              |                                | <b>16</b> |            |
| <b>Winter</b>                               |                                |           |            |
| LA 289                                      | Landscape Architectural Design | 6         |            |
| LA 327                                      | Plants: Winter                 | 4         |            |
| LA 408                                      | Workshop: [Topic]              | 2         |            |
| <b>Credits</b>                              |                                | <b>12</b> |            |
| <b>Spring</b>                               |                                |           |            |
| LA 289                                      | Landscape Architectural Design | 6         |            |
| Elective courses with an LA subject code    |                                | 8         |            |
| <b>Credits</b>                              |                                | <b>14</b> |            |
| <b>Total Credits</b>                        |                                | <b>42</b> |            |

| Course                                      | Title                                                          | Credits | Milestones |
|---------------------------------------------|----------------------------------------------------------------|---------|------------|
| <b>Third Year</b>                           |                                                                |         |            |
| <b>Fall</b>                                 |                                                                |         |            |
| LA 413                                      | Analyzing Landscape Systems                                    | 4       |            |
| LA 439                                      | Landscape Architectural Design and Process                     | 6       |            |
| Landscape theory elective course            |                                                                | 4       |            |
| Advanced landscape media elective course    | Complete basic ecology or natural systems course before LA 441 | 2       |            |
| Meet with advisor to discuss academic goals |                                                                |         |            |

|                                                                                                         |                                            |    |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------|----|
| Consider study abroad or field school for the following summer                                          |                                            |    |
|                                                                                                         | Credits                                    | 16 |
| Winter                                                                                                  |                                            |    |
| LA 417                                                                                                  | Computer-Aided Landscape Design            | 2  |
| LA 439                                                                                                  | Landscape Architectural Design and Process | 6  |
| LA 474                                                                                                  | History of Landscape Architecture I        | 4  |
| Elective course with an LA subject code                                                                 |                                            | 4  |
| Meet with College of Design Student Services to discuss résumé and portfolio design and career planning |                                            |    |
|                                                                                                         | Credits                                    | 16 |
| Spring                                                                                                  |                                            |    |
| LA 366                                                                                                  | Landscape Technologies II                  | 4  |
| LA 408                                                                                                  | Workshop: [Topic]                          | 2  |
| LA 439                                                                                                  | Landscape Architectural Design and Process | 6  |
| Advanced landscape media elective course                                                                |                                            | 4  |
|                                                                                                         | Credits                                    | 16 |
| Total Credits                                                                                           |                                            | 48 |

| Course                                      | Title                               | Credits   | Milestones |
|---------------------------------------------|-------------------------------------|-----------|------------|
| <b>Fourth Year</b>                          |                                     |           |            |
| <b>Fall</b>                                 |                                     |           |            |
| LA 441                                      | Principles of Applied Ecology       | 4         |            |
| LA 489                                      | Site Planning and Design            | 6         |            |
| Elective course with an LA subject code     |                                     | 4         |            |
| Technology workshop                         |                                     | 2         |            |
| Meet with advisor to discuss academic goals |                                     |           |            |
| <b>Credits</b>                              |                                     | <b>16</b> |            |
| <b>Winter</b>                               |                                     |           |            |
| LA 408                                      | Workshop: [Topic]                   | 2         |            |
| LA 415                                      | Computers in Landscape Architecture | 4         |            |
| LA 489                                      | Site Planning and Design            | 6         |            |
| Elective course with an LA subject code     |                                     | 4         |            |
| Apply for summer internships                |                                     |           |            |
| <b>Credits</b>                              |                                     | <b>16</b> |            |
| <b>Total Credits</b>                        |                                     | <b>48</b> |            |

| Course            | Title                             | Credits | Milestones |
|-------------------|-----------------------------------|---------|------------|
| <b>Fifth Year</b> |                                   |         |            |
| <b>Fall</b>       |                                   |         |            |
| LA 490            | Comprehensive Project Preparation | 3       |            |
| LA 494            | Land Planning and Design          | 6       |            |

|                                                                              |           |
|------------------------------------------------------------------------------|-----------|
| Elective courses with an LA subject code                                     | 6         |
| Apply to graduate school or begin looking for work to begin after graduation |           |
| Meet with advisor to make a graduation plan                                  |           |
| <b>Credits</b>                                                               | <b>15</b> |
| <b>Winter</b>                                                                |           |
| LA 462 Professional Practice Landscape Architecture                          | 2         |
| LA 499 Comprehensive Project                                                 | 8         |
| Elective course with an LA subject code                                      | 4         |
| Completion of 41 LA elective credits                                         |           |
| <b>Credits</b>                                                               | <b>14</b> |
| <b>Total Credits</b>                                                         | <b>29</b> |

## Landscape Architecture Minor

Landscape architecture is a highly collaborative profession. Our minor exposes you to the histories, theories, and processes by which landscapes of all kinds are shaped and modified. Completing a minor in Landscape Architecture trains you to understand how decisions by designers, planners, and land managers influence the form and function of the landscapes we experience everyday.

### Minor in Landscape Architecture

To earn a minor in landscape architecture, students file a declaration form with the program director. Once admitted, students remain in contact with the director for personalized advising.

Minor candidates are given preference on course waiting lists over nondepartmental students. Students in the minor should inform instructors when asking permission to enroll. To declare the minor, complete the following:

1. Obtain the Undergraduate Minor Declaration Form from the School of Architecture and Environment office, 210 Lawrence Hall. The form includes a curriculum worksheet with the requirements listed below.
2. Meet with the program director to discuss when courses are offered, which topics courses or seminars will be offered to fulfill minor requirements, and to develop a curricular plan.
3. Return the completed and signed form to the department office.

### Minor Requirements (26 credits)

| Code                                                          | Title                       | Credits   |
|---------------------------------------------------------------|-----------------------------|-----------|
| LA 260                                                        | Understanding Landscapes    | 4         |
| LA 413                                                        | Analyzing Landscape Systems | 4         |
| One subject area course in plants from list below             |                             | 4         |
| One subject area course in history and theory from list below |                             | 4         |
| Elective courses                                              |                             | 10        |
| <b>Total Credits</b>                                          |                             | <b>26</b> |

### Subject Areas

| Code          | Title          | Credits |
|---------------|----------------|---------|
| <b>Plants</b> |                |         |
| LA 326        | Plants: Fall   | 4       |
| LA 327        | Plants: Winter | 4       |

|        |                                                  |     |
|--------|--------------------------------------------------|-----|
| LA 328 | Spring Plants                                    | 4   |
| LA 337 | Landscape Field Work: [Topic] (any plants topic) | 1-4 |
| LA 390 | Urban Farm                                       | 2-4 |

### History and Theory

|        |                                                           |   |
|--------|-----------------------------------------------------------|---|
| LA 199 | Special Studies: [Topic] (Design for a Sustainable World) | 4 |
| LA 407 | Seminar: [Topic] (Landscape Architecture Theory)          | 4 |
| LA 474 | History of Landscape Architecture I                       | 4 |

### Elective Courses

Any landscape architecture (LA) courses; Urban Farm (LA 390) may be repeated if taken during different terms

### Studio Options <sup>1</sup>

- <sup>1</sup> Architecture nonmajors may take Landscape Architectural Design (LA 289), which is offered every winter. Architecture and interior architecture majors may take a landscape architecture studio that is at their appropriate level of work in the major. Students should consult with their minor advisor, the landscape architecture studio instructor, and the Department of Architecture to determine which studio is appropriate *before* enrolling in the studio.

## Landscape Architecture (MLA)

The three-year professional master of landscape architecture degree (MLA) is accredited by the Landscape Architecture Accreditation Board. The MLA prepares students for professional careers in environmental design with a core in design studio course work and curricular areas in land analysis, land planning, ecological systems, and planting design. The program's goal is to produce visually literate, technically skilled, ecologically knowledgeable, and socially responsible designers—innovators and leaders in solving the difficult problems of the built environment.

The curriculum is structured on a sequence of 10 design studios, advancing through design fundamentals to advanced research studios and leading to an independent capstone research project. Core curricular areas support the development of design skills, and elective courses allow each student to develop expertise in topics such as ecological restoration and design, ecological urbanism, climate-change-resilient design, environmental justice, landscape aesthetics, healthy built environments, natural resource analysis and planning, urban design, food systems and urban agriculture, landscape history and preservation, and environmental design research methods.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of the depth and complexity of landscape architecture and its commitment to critical social analysis, environmental stewardship, and place making.
- Demonstrate facility with the design of responsible, supportive, sustainable, socially equitable, and life-enhancing places for diverse communities.
- Demonstrate facility with the technical skills of landscape architecture.
- Demonstrate competence in a range of representational techniques and an understanding of when to optimally employ these techniques.

- Demonstrate facility in reading, critically analyzing, and applying research methods from the natural sciences, social sciences, humanities, design, and the arts.
- Demonstrate recognition of the multifaceted character of research as a fundamental aspect of the profession and the many ways it can inform and enhance landscape design and management.

The department offers two tracks of study, both of which lead to the MLA. The Track I MLA typically takes ten terms to complete and requires 140 credits. The Track II MLA is a six-term advanced placement program that requires approximately 56 credits (the exact number is determined through individual evaluation of prior course work at the time of admission.)

Track I (p. 470) MLA students typically complete all or most of the degree program requirements at the University of Oregon and begin the program the summer before their first full academic year of study. Students with bachelor's degrees other than a professional degree in landscape architecture must apply to the first professional degree program.

Students with degrees in related design disciplines (e.g., architecture, interior architecture, environmental design, or non-accredited landscape architecture degrees) may be given advanced standing, up to a maximum of four terms of studio credit for equivalent prior studio work. Studio placement will be based on a portfolio review; required core course work will be evaluated on a case-by-case basis.

Track II (p. 470) MLA is for applicants who have an accredited professional degree in landscape architecture. Students admitted into the Track II MLA begin their studies fall term. Track II students must fulfill the same professional curriculum requirements as first professional students, but are admitted with advanced standing in studio and subject-area courses. The extent of this advanced standing is determined by the department before beginning the program.

First Professional Master's Curriculum

| Code                                            | Title                                                      | Credits |
|-------------------------------------------------|------------------------------------------------------------|---------|
| Landscape Architecture Design Studios           |                                                            |         |
| LA 639 Foundations Studio                       |                                                            |         |
| LA 539                                          | Landscape Architectural Design and Process (three studios) | 18      |
| LA 589                                          | Site Planning and Design (three studios)                   | 18      |
| LA 594                                          | Land Planning and Design                                   | 6       |
| Landscape Architecture Materials + Construction |                                                            |         |
| LA 562                                          | Professional Practice of Landscape Architecture            | 2       |
| LA 564                                          | Landscape Materials and Construction I                     | 4       |
| LA 565                                          | Landscape Materials and Construction II                    | 4       |
| LA 566                                          | Landscape Materials and Construction III                   | 4       |
| Landscape Analysis + Planning                   |                                                            |         |
| LA 513                                          | Analyzing Landscape Systems                                | 4       |
| LA 515                                          | Computers in Landscape Architecture                        | 4       |
| LA 540                                          | Introduction to Landscape Planning Analysis                | 4       |
| LA 541                                          | Principles of Applied Ecology                              | 4       |
| History + Theory of Landscape Architecture      |                                                            |         |
| LA 574                                          | History of Landscape Architecture I                        | 4       |
| LA 575                                          | History of Landscape Architecture II                       | 4       |

|                                          |                                         |     |
|------------------------------------------|-----------------------------------------|-----|
| LA 572                                   | Landscape Architectural Theory: [Topic] | 4   |
| Landscape Architecture Media             |                                         |     |
| LA 551                                   | Landscape Media I                       | 2   |
| LA 552                                   | Landscape Media II                      | 2   |
| LA 553                                   | Landscape Media III                     | 2   |
| LA 550                                   | Advanced Landscape Media: [Topic]       | 2   |
| Research and Master's Project            |                                         |     |
| LA 620                                   | Landscape Research Methods I            | 2   |
| LA 621                                   | Landscape Research Methods II           | 2   |
| LA 699                                   | Master's Project <sup>1</sup>           | 18  |
| or LA 503                                | Thesis                                  |     |
| 4 credits Research Elective <sup>2</sup> |                                         | 4   |
| Area of Concentration Electives          |                                         |     |
| Five courses approved by advisor         |                                         | 20  |
| Total Credits                            |                                         | 138 |

- <sup>1</sup> Before enrolling in Master's Project (LA 699), students must obtain department approval of a project or thesis proposal from their landscape architecture master's project advisor.
- <sup>2</sup> MLA students must complete 4 credits of supervised research between LA 621 and LA 699, in which they write a Masters Project proposal and complete a literature review of their Masters Project topic. The proposal must be approved by the student's Masters Project advisor prior to enrolling in LA 699.

Postprofessional Master's Program

The two-year graduate program leading to the master of landscape architecture (MLA) degree is intended for students prepared to do advanced work in the field. Students entering the postprofessional MLA program must have a professionally accredited bachelor's degree in landscape architecture. Students are typically interested in pursuing an advanced independent research project with an interest in an academic career.

Students with professional landscape architecture degrees typically spend two years in residence satisfying course requirements.

Required course work includes one design and planning studio [Land Planning and Design (LA 594)], one course in landscape analysis and planning [Introduction to Landscape Planning Analysis (LA 540)], one course in history, literature, and theory, Landscape Research Methods I (LA 620), Landscape Research Methods II (LA 621), and mentored research with a faculty member. In addition, students must complete five courses (20 credits) in an area of concentration.

Postprofessional Master's Curriculum

| Code                                                                       | Title                                       | Credits |
|----------------------------------------------------------------------------|---------------------------------------------|---------|
| Planning and Design                                                        |                                             |         |
| LA 594                                                                     | Land Planning and Design                    | 6       |
| Landscape Analysis and Planning                                            |                                             |         |
| Choose one of the following, or a course approved by advisor: <sup>1</sup> |                                             | 4       |
| LA 513                                                                     | Analyzing Landscape Systems                 |         |
| LA 515                                                                     | Computers in Landscape Architecture         |         |
| LA 540                                                                     | Introduction to Landscape Planning Analysis |         |

|                                                                       |                                           |           |
|-----------------------------------------------------------------------|-------------------------------------------|-----------|
| LA 541                                                                | Principles of Applied Ecology             |           |
| <b>History and Theory</b>                                             |                                           |           |
| Choose one of the following, or a course approved by advisor:         |                                           | 4         |
| 1                                                                     |                                           |           |
| ARCH 530                                                              | Architectural Contexts: Place and Culture |           |
| LA 574                                                                | History of Landscape Architecture I       |           |
| LA 575                                                                | History of Landscape Architecture II      |           |
| LA 617                                                                |                                           |           |
| <b>Area of Concentration</b>                                          |                                           |           |
| Advisor-approved courses in one area of concentration from list above |                                           | 20        |
| <b>Research Methods and Master's Project</b> <sup>1,2</sup>           |                                           |           |
| LA 601                                                                | Research: [Topic]                         | 2         |
| LA 620–621                                                            | Landscape Research Methods I-II           | 4         |
| LA 699                                                                | Master's Project <sup>3</sup>             | 16        |
| or LA 503                                                             | Thesis                                    |           |
| <b>Total Credits</b>                                                  |                                           | <b>56</b> |

<sup>1</sup> Courses used to satisfy analysis, research, and theory requirements above may not be used to satisfy area of concentration requirements.

<sup>2</sup> Before enrolling in Master's Project (LA 699), students must obtain department approval of a project or thesis proposal from their landscape architecture master's project advisor.

<sup>3</sup> Completed during the second year.

## Landscape Architecture (PhD)

The doctoral program in landscape architecture offers opportunities for advanced study and scholarship in ecological landscape planning, sustainable urban design, and design history and theory. Landscape planning is primarily concerned with assessing large landscapes and directing their policy, management, and land-use patterns to meet social and environmental ends, while design typically addresses smaller areas in greater detail.

Because the profession is broad and diverse, the landscape architecture PhD pursues robust development of academic, analytical, creative, and integrative capabilities that can continue to grow throughout subsequent careers. Accordingly, the program emphasizes the following:

- Advanced expertise and understanding in a focused topic
- The ability to form integrative conceptual models of landscape issues, problems, and solutions
- The ability to critically analyze deficiencies in knowledge in the field and identify needs for new, original contributions
- The ability to form and investigate operationally bounded questions
- The ability to independently design and execute a complete, intensive research project
- The ability to fully document a research project with high-quality writing and illustrations

The integrative nature of landscape design as a science and an art entails development of innovative models and methods for design, education, and research. The program offers students the opportunity to develop skills as innovative educators by working with faculty members as teaching assistants, and to teach courses under faculty guidance. The close and supportive relationships among scholarship, teaching, professional growth, and artistic achievement foster excellence in design

education, research, and practice. Scholars follow many routes, and the program provides substantial flexibility to tailor students' programs to individual needs.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate advanced expertise and understanding in a focused topic.
- Demonstrate the ability to form integrative conceptual models of landscape issues, problems, and solutions, particularly with regard to the student's area of specialization.
- Demonstrate the ability to critically analyze deficiencies in knowledge in the field and identify needs for new, original contributions.
- Demonstrate the ability to form, investigate, and answer operationally bounded questions.
- Demonstrate the ability to independently design and execute a complete, rigorous research project.
- Demonstrate the ability to fully document a research project with quality writing and illustrations.

## Landscape Architecture

### Length of Program and Steps to Completion

A PhD in landscape architecture requires a minimum of three years of full-time graduate work, including one year of residency. Depending on background and research goals, students can expect to complete the degree in three to six years, with a norm of four to five years.

The student's program of study depends substantially on his or her prior degrees.

#### Pre-Defined Table

| Degree Held                                                      | Credits to Expect to Complete for PhD |
|------------------------------------------------------------------|---------------------------------------|
| MLA or MArch                                                     | 68                                    |
| BLA or BArch only                                                | 80                                    |
| Master's degree without professional environmental-design degree | 86                                    |

Courses for the doctoral degree include design-studio experience and subject-area courses to provide a foundation in landscape architecture sufficient to support a student's goals, research, and advanced coursework.

## Requirements

A student's program of study is developed with the major professor and a second doctoral advisor.

## PhD Required Courses, Work

#### Course List

| Code                                                | Title                                         | Credits |
|-----------------------------------------------------|-----------------------------------------------|---------|
| <b>Theory, Research, Investigation</b> <sup>1</sup> |                                               |         |
| LA 601                                              | Research: [Topic]                             | 6       |
| LA 605                                              | Reading and Conference: [Topic]               | 6       |
| LA 617                                              | Introduction to Landscape Architecture Theory | 4       |
| LA 620–621                                          | Landscape Research Methods I-II               | 8       |

|                                                                                                                                                               |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Doctoral colloquium                                                                                                                                           | 2         |
| Outside analytic-synthetic courses <sup>2</sup>                                                                                                               | 4-12      |
| <b>Electives <sup>3</sup></b>                                                                                                                                 |           |
| Advanced Electives: 500-level and above landscape architecture courses in design theory, history, criticism, preservation, planning, and ecology <sup>4</sup> | 8-12      |
| Supporting Courses: courses typically taken outside of landscape architecture <sup>4</sup>                                                                    | 12        |
| <b>Dissertation</b>                                                                                                                                           |           |
| LA 603 Dissertation                                                                                                                                           | 16        |
| <b>Total Credits</b>                                                                                                                                          | <b>70</b> |

## Footnotes

- <sup>1</sup> A student entering with a master's degree but without a professional environmental-design degree should expect to take a minimum of 18 additional credits in landscape architecture.
- <sup>2</sup> A student may be required to take more than 4 credits in analytic-synthetic courses in other departments.
- <sup>3</sup> A student entering the program with a BLA or BArch but no master's degree takes an additional 12 credits of electives.
- <sup>4</sup> Selected in consultation with major professor

At the completion of course work, normally the end of the second year, each student submits a written comprehensive exam, followed by an oral comprehensive exam. The examination committee will consist of three faculty members, two from landscape architecture and one from an outside department or program, who will prepare and administer the written and oral comprehensive exams. Once students have passed both comprehensive exams, they will be advanced to candidacy. Each student must submit the dissertation proposal within three terms of the exams. A student then forms a dissertation committee consisting of four members, with a minimum of two from landscape architecture and at least one from another field related to the student's area of research. The dissertation committee must approve the student's written dissertation proposal following a scheduled, public proposal presentation before the student undertakes the dissertation.

Some credit requirements may be waived or satisfied through transfer credits which must not have previously been applied to any graduate or undergraduate degree. No more than 15 credits may be transferred. Successful completion of the doctoral program is a matter of proven excellence through substantial, original contributions to the field and not the accumulation of a specific number of credits.

## Art + Design

The School of Art + Design is a community of creatively and critically engaged artists and designers. Our work mines the intersection of thinking, making, seeing, and questioning.

Students in the UO School of Art + Design have the opportunity to study intensively across a uniquely broad set of studio practices, within a flagship research university. Students in Art can study 21st century approaches to sculpture, photography, painting, drawing, printmaking, ceramics, fibers, and metalsmithing. Art and Technology majors explore the potential of new technologies in an art context, working with interactivity, video, animation, visual communications, and emerging technology. Students in Product Design learn to design objects for use across a broad range of scales and purposes - tools, transportation,

technology, clothing, furniture, and sporting equipment to fit a changing world.

## Art

### Amanda Wojick, Department Head

541-346-3610  
254 Lawrence Hall  
5232 University of Oregon  
Eugene, Oregon 97403-5232  
artuo@uoregon.edu

The Department of Art curriculum approaches studio visual art through a broad range of media practices—ceramics, art & technology, drawing, fibers, metalsmithing and jewelry, painting, photography, printmaking, and sculpture. The department encourages breadth and interdisciplinary investigation, as well as depth within media, emphasizing the development of the material skills and understanding of art-making processes as well as a conceptual and critical understanding of the context of art. As actively practicing artists themselves, faculty members offer students an introduction to the compelling challenges, questions, and rewards of artistic practice.

Four bachelor's degrees are offered by the department. A four-year program leads to the bachelor of arts (BA) or bachelor of science (BS) degree with a major in art or art and technology; the bachelor of fine arts (BFA) in art with a concentration in ceramics, fibers, metalsmithing and jewelry, painting, photography, printmaking, or sculpture; the bachelor of fine arts (BFA) in art & technology. At the graduate level, the master of fine arts (MFA) is the terminal professional degree in art.

## Faculty

Jonathan Bagby, instructor of practice (art). BA, 2009, Tennessee; MFA, 2014, Oregon. (2014)

Marissa Benedict, instructor (fibers). BFA, 2007, Rhode Island School of Design; MFA, 2011, School of the Art Institute of Chicago. (2016)

Carla Bengtson, professor (painting). BFA, 1980, Tyler School of Art; MFA, 1983, Yale. (1995)

Michael Bray, senior instructor (art and technology). BA, 1997, Illinois, Urbana-Champaign; MFA, 2008, Oregon. (2008)

Rebecca Childers, senior instructor (printmaking). BA, 1987, Cornell College; MFA, 1995, Iowa. (2002)

Isami Ching, senior instructor (art and technology, foundations). BA, 1994, Dartmouth College; BFA, 1998, Massachusetts College of Art and Design; MFA, 2002, Columbia. (2008)

Colleen Choquette-Raphael, senior instructor (photography). BA, 1991, BFA, 1992, Oregon; MFA, 1996, Washington (Seattle). (1997)

Jovencio de la Paz, assistant professor (fibers). BFA, 2008, School of the Art Institute of Chicago; MFA, 2012, Cranbrook Academy of Art. (2015)

Tannaz Farsi, associate professor (sculpture). BFA, 2004, West Virginia; MFA, 2007, Ohio. (2008)

Brian Gillis, professor (ceramics). BA, 2000, Humboldt State; MFA, 2002, Alfred. (2008)



Colin Ives, associate professor (art and technology). BA, 1987, Cornell College; MA, 1992, MFA, 1994, Iowa. (2002)

Ron Jude, professor (photography). BFA, 1988, Boise State; MFA, 1992, Louisiana State. (2015)

Anya Kivarkis, associate professor (metalsmithing and jewelry). BFA, 1999, Illinois, Urbana-Champaign; MFA, 2004, State University of New York, New Paltz. (2004)

Sylvan Lionni, assistant professor (painting, drawing). BFA, 1995, School of Visual Arts; MFA, 1998, Bard College. (2011)

Charlene Liu, associate professor (printmaking). BA, 1997, Brandeis; MFA, 2003, Columbia. (2007)

Christopher Michlig, associate professor (foundations); director, graduate program. BA, 1999, Oregon; MFA, 2007, Art Center College of Design. (2013)

Donald L. Morgan, associate professor (foundations). BFA, 1993, Oregon; MFA, 2001, Art Center College of Design. (2008)

John Park, senior instructor (art and technology). BA, 2003, Oregon; MFA, 2006, State University of New York, Buffalo. (2007)

David Rueter, assistant professor (art and technology). BA, 2009, Oberlin College; MFA, 2013, School of the Art Institute of Chicago.

Jack T. Ryan, professor (foundations). BFA, 1992, Oregon; MFA, 2000, Georgia. (2008)

Michael Salter, professor (art and technology). BFA, 1991, Miami; MFA, 1994, North Carolina, Chapel Hill. (2005)

James Schauer, senior instructor (foundations). BFA, 1999, Montana State; MFA, 2002, Oregon. (2003)

Stacy Jo Scott, assistant professor (ceramics, digital fabrication). BFA, 2010, Oregon; MFA, 2012, Cranbrook. (2017)

Rick Silva, associate professor (art and technology). BFA, 2001, MFA, 2007, Colorado, Boulder. (2013)

Jessica Swanson, senior instructor (ceramics). BA, 1996, Whitman College; MFA, 2002, School of the Art Institute of Chicago. (2010)

Ying Tan, associate professor (art and technology). BA, 1983, Teacher's University, Shandong, China; MAEd, 1987, Georgia State. (1996)

Jessie Vala, instructor. BFA California College of Arts 1999; MFA, 2015, University of Oregon.

Laura Vandenburg, professor (painting). BS, 1984, DVM, 1988, California, Davis; MFA, 1993, Hunter. (1998)

Kathleen E. Wagle, professor (metalsmithing, jewelry). BS, 1975, Portland State; MFA, 1981, Arizona State. (1994)

Tyrras Warren, senior instructor (art and technology, foundations). BA, 1998, BFA, 1998, Texas Christian; MFA, 2008, Oregon. (2009)

Amanda Wojick, professor (sculpture). BA, 1995, Colgate; MFA, 1999, Alfred; MFA, 2000, Bard. (2001)

## Emeriti

Laura J. Alpert, associate professor emerita. BA, 1968, Stanford; MFA, 1971, Oregon. (1979)

Ronald J. Graff, associate professor emeritus. BFA, 1973, Kansas City Art Institute; MFA, 1975, Yale. (1981)

R. Craig Hickman, professor emeritus. BS, 1971, Portland State; MFA, 1981, Washington (Seattle). (1984)

Robert C. James, professor emeritus. BA, 1952, California, Los Angeles; MFA, 1955, Cranbrook Academy of Art. (1955)

George Kokis, professor emeritus. BFA, 1955, MFA, 1961, Alfred. (1973)

Sana Krusoe, associate professor emerita. BA, 1968, Occidental; MFA, 1987, Claremont Graduate. (1990)

Kenneth R. O'Connell, professor emeritus. BS, 1966, MFA, 1972, Oregon. (1977)

Kenneth H. Paul, associate professor emeritus. BA, 1961, MA, 1965, Wyoming. (1970)

Barbara Setsu Pickett, associate professor emerita. BS, 1971, Portland State. (1975)

Dan Powell, associate professor emeritus. BA, 1973, MA, 1977, Central Washington; MFA, 1980, Illinois. (1987)

Margaret Prentice, associate professor emerita. BFA, 1967, Arizona, Tucson; MFA, 1980, Colorado, Boulder. (1986)

Terri Warpinski, professor emerita. BA, 1979, Wisconsin, Green Bay; MFA, 1983, Iowa. (1984)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Majors - Bachelor's Degree

- Art (BA/BS) (p. 473)
- Art (BFA) (p. 475)
- Art and Technology (BA/BS) (p. 476)
- Art and Technology (BFA) (p. 478)

## Minors

- Art (p. 479)
- Multimedia (p. 479)

## Major - Master's Degree

- Art (MFA) (p. 479)

## Art (BA/BS)

As an art student, you will learn to think critically, communicate clearly, and work creatively. With studio practice and interdisciplinary work you will develop an understanding of materials and tools, technical skills, strategies of experimentation, as well as fluency in visual languages and articulating meaning.

The art curriculum includes core art foundation courses, art history, and studio art in art and technology, ceramics, fibers, jewelry and metalsmithing, painting and drawing, photography, printmaking, and

sculpture. While all art majors share the basic requirements, you have the flexibility to pursue advanced course work in the areas of your primary interests.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate technical and material competency
- Demonstrate visual literacy
- Understand historical and cultural context from a variety of perspectives
- Exercise critical thinking, analysis and discourse
- Synthesize technical and conceptual understanding into an independent art making practice

Art Major Requirements

| Code                                                                                         | Title                                          | Credits |
|----------------------------------------------------------------------------------------------|------------------------------------------------|---------|
| ART 101                                                                                      | Understanding Contemporary Art                 | 4       |
| or ART 111                                                                                   | The Artist Experience                          |         |
| ART 115                                                                                      | Surface, Space, and Time <sup>1</sup>          | 4       |
| ART 116                                                                                      | Core Interdisciplinary Laboratory <sup>1</sup> | 4       |
| ART 233                                                                                      | Drawing I <sup>1</sup>                         | 4       |
| ARTD 250                                                                                     | Print Media Digital Arts                       | 4       |
| or ARTD 251                                                                                  | Time-Based Digital Arts                        |         |
| or ARTD 252                                                                                  | Interactive Digital Arts                       |         |
| ART 333                                                                                      | Drawing II                                     | 4       |
| One 200-level or higher course in two different curricular media areas within the department |                                                | 8       |
| Three art history (ARH) courses                                                              |                                                | 12      |
| Upper-division art studio credits <sup>2</sup>                                               |                                                | 24      |
| Total Credits                                                                                |                                                | 68      |

<sup>1</sup> Students must pass the core studio courses with a P or C– or better.  
<sup>2</sup> At least 24 credits of studio work must be completed in residence; 12 of these credits must be upper division.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

Bachelor of Arts in Art

| Course                                             | Title          | Credits | Milestones |
|----------------------------------------------------|----------------|---------|------------|
| First Year                                         |                |         |            |
| Fall                                               |                |         |            |
| WR 121Z                                            | Composition I  | 4       |            |
| First term of first-year second-language sequence  |                | 4       |            |
| ART 101 or ART 111                                 |                | 4       |            |
| General education group-satisfying course          |                | 4       |            |
| Credits                                            |                | 16      |            |
| Winter                                             |                |         |            |
| WR 122Z                                            | Composition II | 4       |            |
| Second term of first-year second-language sequence |                | 4       |            |
| ART 115                                            |                | 4       |            |

|                                                   |                                   |    |
|---------------------------------------------------|-----------------------------------|----|
| General education group-satisfying course         |                                   | 4  |
| Credits                                           |                                   | 16 |
| Spring                                            |                                   |    |
| Third term of first-year second-language sequence |                                   | 4  |
| ART 116                                           | Core Interdisciplinary Laboratory | 4  |
| General education group-satisfying courses        |                                   | 8  |
| Credits                                           |                                   | 16 |
| Total Credits                                     |                                   | 48 |

| Course                                             | Title     | Credits | Milestones |
|----------------------------------------------------|-----------|---------|------------|
| Second Year                                        |           |         |            |
| Fall                                               |           |         |            |
| ART 233                                            | Drawing I | 4       |            |
| First term of second-year second-language sequence |           | 4       |            |
| General education group-satisfying courses         |           | 8       |            |
| Credits                                            |           | 16      |            |

|                                                     |                             |    |  |
|-----------------------------------------------------|-----------------------------|----|--|
| Winter                                              |                             |    |  |
| Second term of second-year second-language sequence |                             | 4  |  |
| ARTD 250                                            | Print Media Digital Arts    | 4  |  |
| or                                                  | or Time-Based Digital Arts  |    |  |
| ARTD 251                                            | or Interactive Digital Arts |    |  |
| or                                                  |                             |    |  |
| ARTD 252                                            |                             |    |  |
| General education group-satisfying courses          |                             | 8  |  |
| Credits                                             |                             | 16 |  |

|                                                    |            |    |  |
|----------------------------------------------------|------------|----|--|
| Spring                                             |            |    |  |
| Third term of second-year second-language sequence |            | 4  |  |
| ART 333                                            | Drawing II | 4  |  |
| General education group-satisfying courses         |            | 8  |  |
| Credits                                            |            | 16 |  |
| Total Credits                                      |            | 48 |  |

| Course                                                                                       | Title | Credits | Milestones |
|----------------------------------------------------------------------------------------------|-------|---------|------------|
| Third Year                                                                                   |       |         |            |
| Fall                                                                                         |       |         |            |
| One 200-level or higher course in two different curricular media areas within the department |       | 4       |            |
| Art history course                                                                           |       | 4       |            |
| General education group-satisfying courses                                                   |       | 8       |            |
| Credits                                                                                      |       | 16      |            |

|                                                                                              |  |    |  |
|----------------------------------------------------------------------------------------------|--|----|--|
| Winter                                                                                       |  |    |  |
| One 200-level or higher course in two different curricular media areas within the department |  | 4  |  |
| Art history course                                                                           |  | 4  |  |
| General education group-satisfying courses                                                   |  | 8  |  |
| Credits                                                                                      |  | 16 |  |

|                                            |  |    |  |
|--------------------------------------------|--|----|--|
| Spring                                     |  |    |  |
| Upper-division art studio course           |  | 4  |  |
| Art history course                         |  | 4  |  |
| General education group-satisfying courses |  | 8  |  |
| Credits                                    |  | 16 |  |
| Total Credits                              |  | 48 |  |

| Course                            | Title | Credits   | Milestones |
|-----------------------------------|-------|-----------|------------|
| <b>Fourth Year</b>                |       |           |            |
| <b>Fall</b>                       |       |           |            |
| Upper-division art studio courses |       | 8         |            |
| Elective courses                  |       | 8         |            |
| <b>Credits</b>                    |       | <b>16</b> |            |
| <b>Winter</b>                     |       |           |            |
| Upper-division art studio courses |       | 8         |            |
| Elective course                   |       | 4         |            |
| <b>Credits</b>                    |       | <b>12</b> |            |
| <b>Spring</b>                     |       |           |            |
| Upper-division art studio course  |       | 4         |            |
| Elective courses                  |       | 12        |            |
| <b>Credits</b>                    |       | <b>16</b> |            |
| <b>Total Credits</b>              |       | <b>44</b> |            |

## Bachelor of Science in Art

| Course                                     | Title                                                      | Credits   | Milestones |
|--------------------------------------------|------------------------------------------------------------|-----------|------------|
| <b>First Year</b>                          |                                                            |           |            |
| <b>Fall</b>                                |                                                            |           |            |
| WR 121Z                                    | Composition I                                              | 4         |            |
| Mathematics course                         |                                                            | 4         |            |
| ART 101<br>or<br>ART 111                   | Understanding Contemporary Art<br>or The Artist Experience | 4         |            |
| General education group-satisfying course  |                                                            | 4         |            |
| <b>Credits</b>                             |                                                            | <b>16</b> |            |
| <b>Winter</b>                              |                                                            |           |            |
| WR 122Z<br>or WR 123                       | Composition II<br>or College Composition III               | 4         |            |
| Mathematics course                         |                                                            | 4         |            |
| ART 115                                    | Surface, Space, and Time                                   | 4         |            |
| General education group-satisfying course  |                                                            | 4         |            |
| <b>Credits</b>                             |                                                            | <b>16</b> |            |
| <b>Spring</b>                              |                                                            |           |            |
| Mathematics course                         |                                                            | 4         |            |
| ART 116                                    | Core Interdisciplinary Laboratory                          | 4         |            |
| General education group-satisfying courses |                                                            | 8         |            |
| <b>Credits</b>                             |                                                            | <b>16</b> |            |
| <b>Total Credits</b>                       |                                                            | <b>48</b> |            |

| Course                                     | Title     | Credits   | Milestones |
|--------------------------------------------|-----------|-----------|------------|
| <b>Second Year</b>                         |           |           |            |
| <b>Fall</b>                                |           |           |            |
| ART 233                                    | Drawing I | 4         |            |
| General education group-satisfying courses |           | 12        |            |
| <b>Credits</b>                             |           | <b>16</b> |            |
| <b>Winter</b>                              |           |           |            |
| General education group-satisfying courses |           | 12        |            |

|                                              |                                                                                       |           |
|----------------------------------------------|---------------------------------------------------------------------------------------|-----------|
| ARTD 250<br>or<br>ARTD 251<br>or<br>ARTD 252 | Print Media Digital Arts<br>or Time-Based Digital Arts<br>or Interactive Digital Arts | 4         |
| <b>Credits</b>                               |                                                                                       | <b>16</b> |
| <b>Spring</b>                                |                                                                                       |           |
| ART 333                                      | Drawing II                                                                            | 4         |
| General education group-satisfying courses   |                                                                                       | 12        |
| <b>Credits</b>                               |                                                                                       | <b>16</b> |
| <b>Total Credits</b>                         |                                                                                       | <b>48</b> |

| Course                                                                                       | Title | Credits   | Milestones |
|----------------------------------------------------------------------------------------------|-------|-----------|------------|
| <b>Third Year</b>                                                                            |       |           |            |
| <b>Fall</b>                                                                                  |       |           |            |
| One 200-level or higher course in two different curricular media areas within the department |       | 4         |            |
| Art history course                                                                           |       | 4         |            |
| General education group-satisfying courses                                                   |       | 8         |            |
| <b>Credits</b>                                                                               |       | <b>16</b> |            |
| <b>Winter</b>                                                                                |       |           |            |
| One 200-level or higher course in two different curricular media areas within the department |       | 4         |            |
| Art history course                                                                           |       | 4         |            |
| General education group-satisfying courses                                                   |       | 8         |            |
| <b>Credits</b>                                                                               |       | <b>16</b> |            |
| <b>Spring</b>                                                                                |       |           |            |
| Art history course                                                                           |       | 4         |            |
| Upper-division art studio course                                                             |       | 4         |            |
| General education group-satisfying courses                                                   |       | 8         |            |
| <b>Credits</b>                                                                               |       | <b>16</b> |            |
| <b>Total Credits</b>                                                                         |       | <b>48</b> |            |

| Course                            | Title | Credits   | Milestones |
|-----------------------------------|-------|-----------|------------|
| <b>Fourth Year</b>                |       |           |            |
| <b>Fall</b>                       |       |           |            |
| Upper-division art studio courses |       | 8         |            |
| Elective courses                  |       | 8         |            |
| <b>Credits</b>                    |       | <b>16</b> |            |
| <b>Winter</b>                     |       |           |            |
| Upper-division art studio courses |       | 8         |            |
| Elective course                   |       | 4         |            |
| <b>Credits</b>                    |       | <b>12</b> |            |
| <b>Spring</b>                     |       |           |            |
| Upper-division art studio course  |       | 4         |            |
| Elective courses                  |       | 12        |            |
| <b>Credits</b>                    |       | <b>16</b> |            |
| <b>Total Credits</b>              |       | <b>44</b> |            |

## Art (BFA)

The bachelor of fine arts (BFA) degree offers a studio-intensive opportunity to concentrate your expertise. In the BFA program, you will create an individual approach to making and thinking through advanced

studio, interdisciplinary critique colloquia, history of art and architecture courses, seminars in art theory and criticism, and develop a body of work culminating in the BFA creative project in your declared concentration.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of studio practices and ideas.
- Develop an understanding of history, theory, and criticism, and an ability to analyze and situate work in relation to that body of knowledge.
- Acquire a working knowledge of technologies and equipment applicable to their area(s) of specialization.
- Develop an ability to synthesize material and intellectual knowledge and shape an independent studio practice.

Bachelor of Fine Arts: Art

The bachelor of fine arts degree is a professional baccalaureate degree. Students apply for admission for the BFA in a particular media area in the last term of their fourth year of study. Students who are working across more than one media area may earn their degree in art, with sponsorship from faculty members in more than one media area. The application process is competitive and includes a portfolio review. Students who have completed a comparable four-year degree in art at another institution may be admitted to the BFA program. Such candidates must satisfy the university’s 45-credit residence requirement.

Students must complete the four-year program with a total of 108 credits in art (a total of 180 university credits).

Bachelor of Fine Arts Degree Requirements: Art

| Code                                                                               | Title                                                                                                            | Credits |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------|
| Foundational Courses                                                               |                                                                                                                  |         |
| ART 115                                                                            | Surface, Space, and Time                                                                                         | 4       |
| ART 116                                                                            | Core Interdisciplinary Laboratory                                                                                | 4       |
| ART 233                                                                            | Drawing I                                                                                                        | 4       |
| ART 333                                                                            | Drawing II                                                                                                       | 4       |
| ARTD 250                                                                           | Print Media Digital Arts                                                                                         | 4       |
| or ARTD 251                                                                        | Time-Based Digital Arts                                                                                          |         |
| or ARTD 252                                                                        | Interactive Digital Arts                                                                                         |         |
| 200-Level Studio: Concentration Course                                             |                                                                                                                  | 4       |
| 200-level Studio: Non-Concentration Course                                         |                                                                                                                  | 4       |
| Upper-division Studios <sup>1</sup>                                                |                                                                                                                  | 44      |
| Issues & Practices Seminar                                                         |                                                                                                                  | 3       |
| One term of Issues and Practices chosen from ARTC, ARTF, ARTM, ARTO, ARTP, or ARTR |                                                                                                                  |         |
| BFA Critique Colloquium                                                            |                                                                                                                  | 3       |
| ART 412                                                                            | BFA Critique                                                                                                     |         |
| BFA Terminal Creative Project                                                      |                                                                                                                  | 6       |
| ARTS 409                                                                           | Terminal Creative Project BFA (or a Terminal Creative Project B.F.A. from ARTC, ARTF, ARTM, ARTO, ARTP, or ARTR) |         |
| Art History <sup>2</sup>                                                           |                                                                                                                  | 24      |
| Ancient/Medieval                                                                   |                                                                                                                  |         |
| Early Modern                                                                       |                                                                                                                  |         |

|                     |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| Modern/Contemporary |                                                                                            |
| Total Credits       | 108                                                                                        |
| <sup>1</sup>        | 20 credits must be concentration studios; 4 credits must be 400-level concentration studio |
| <sup>2</sup>        | At least one course from each categories                                                   |

Additional Requirement: Math/CS or Language

Math/CS:

- Show proficiency through three terms of math with courses that satisfy BS Math/CS requirements.

Language:

- Completion of at least the third term of the first year in a Second Language taught in the language (103 or Equivalent)
- Satisfactory completion of an examination administered by the appropriate language department
- International students: if your language or instruction in high school was in a language other than English, satisfactory completion of all AEIS courses and WR 121Z and either WR 122Z or WR 123

Art and Technology (BA/BS)

The art and technology major combines time-based, interactive, and experimental design skills with critical approaches to contemporary art and theory. Led by internationally known faculty members—who are also practicing artists—the Art and Technology program offers courses in:

- 2D and 3D animation
- Illustration, imaging, and experimental design
- Interactivity, programming, and games
- Video art and installation

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate technical and material competency.
- Demonstrate visual literacy.
- Understand historical and cultural context from a variety of perspectives.
- Exercise critical thinking, analysis and discourse.
- Synthesize technical and conceptual understanding into an independent art making practice.

Art and Technology Major Requirements

| Code                                             | Title                                          | Credits |
|--------------------------------------------------|------------------------------------------------|---------|
| ART 115                                          | Surface, Space, and Time <sup>1</sup>          | 4       |
| ART 116                                          | Core Interdisciplinary Laboratory <sup>1</sup> | 4       |
| ART 233                                          | Drawing I <sup>1</sup>                         | 4       |
| ARTD 250                                         | Print Media Digital Arts <sup>1</sup>          | 4       |
| ARTD 251                                         | Time-Based Digital Arts <sup>1</sup>           | 4       |
| ARTD 252                                         | Interactive Digital Arts <sup>1</sup>          | 4       |
| Three art history courses <sup>2</sup>           |                                                | 12      |
| Upper-division art studio courses <sup>3,4</sup> |                                                | 36      |

Of the total credits, at least 24 credits of studio work must be completed in residence; 12 of these credits must be upper division.

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>72</b> |
|----------------------|-----------|

- <sup>1</sup> Must pass course with a P or C– or better.
- <sup>2</sup> History of Design (ARH 358) is recommended.
- <sup>3</sup> At least 24 of these credits must be in digital arts (ARTD) studio courses.
- <sup>4</sup> A maximum of 6 credits in Internship: [Topic] (ARTD 404) and a maximum of 12 credits in Practicum: [Topic] (ARTD 406) may be counted toward the 36 upper-division digital arts credits.

## Recommended Electives

The following courses are strongly recommended to satisfy science group requirements:

| Code     | Title                               | Credits |
|----------|-------------------------------------|---------|
| CS 111   | Introduction to Web Programming     | 4       |
| PHYS 152 | Physics of Sound and Music          | 4       |
| PHYS 153 | Physics of Light, Color, and Vision | 4       |

## Additional Electives to Enhance Your Program

| Code                                                                                                      | Title                          | Credits |
|-----------------------------------------------------------------------------------------------------------|--------------------------------|---------|
| ART 101                                                                                                   | Understanding Contemporary Art | 4       |
| J 333                                                                                                     | Writing for Multimedia         | 4       |
| MUS 447                                                                                                   | Digital Audio and Sound Design | 4       |
| PD 340                                                                                                    | Design for Use                 | 4       |
| PD 350                                                                                                    | Objects and Impacts            | 4       |
| Courses in ceramics, fibers, metalsmithing and jewelry, painting, printmaking, photography, and sculpture |                                |         |

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

## Bachelor of Arts in Art and Technology

| Course                                             | Title                             | Credits   | Milestones |
|----------------------------------------------------|-----------------------------------|-----------|------------|
| <b>First Year</b>                                  |                                   |           |            |
| <b>Fall</b>                                        |                                   |           |            |
| First term of first-year second-language sequence  |                                   | 4         |            |
| ART 115                                            | Surface, Space, and Time          | 4         |            |
| WR 121Z                                            | Composition I                     | 4         |            |
| General education group-satisfying course          |                                   | 4         |            |
| <b>Credits</b>                                     |                                   | <b>16</b> |            |
| <b>Winter</b>                                      |                                   |           |            |
| Second term of first-year second-language sequence |                                   | 4         |            |
| ART 116                                            | Core Interdisciplinary Laboratory | 4         |            |
| WR 122Z                                            | Composition II                    | 4         |            |
| or WR 123                                          | or College Composition III        |           |            |
| General education group-satisfying course          |                                   | 4         |            |
| <b>Credits</b>                                     |                                   | <b>16</b> |            |
| <b>Spring</b>                                      |                                   |           |            |
| Third term of first-year second-language sequence  |                                   | 4         |            |

|                                           |           |
|-------------------------------------------|-----------|
| General education group-satisfying course | 12        |
| <b>Credits</b>                            | <b>16</b> |
| <b>Total Credits</b>                      | <b>48</b> |

| Course                                              | Title                    | Credits   | Milestones |
|-----------------------------------------------------|--------------------------|-----------|------------|
| <b>Second Year</b>                                  |                          |           |            |
| <b>Fall</b>                                         |                          |           |            |
| ART 233                                             | Drawing I                | 4         |            |
| First term of second-year second-language sequence  |                          | 4         |            |
| ARTD 250                                            | Print Media Digital Arts | 4         |            |
| General education group-satisfying course           |                          | 4         |            |
| <b>Credits</b>                                      |                          | <b>16</b> |            |
| <b>Winter</b>                                       |                          |           |            |
| ARTD 251                                            | Time-Based Digital Arts  | 4         |            |
| Second term of second-year second-language sequence |                          | 4         |            |
| General education group-satisfying courses          |                          | 8         |            |
| <b>Credits</b>                                      |                          | <b>16</b> |            |
| <b>Spring</b>                                       |                          |           |            |
| ARTD 252                                            | Interactive Digital Arts | 4         |            |
| Third term of second-year second-language sequence  |                          | 4         |            |
| General education group-satisfying courses          |                          | 8         |            |
| <b>Credits</b>                                      |                          | <b>16</b> |            |
| <b>Total Credits</b>                                |                          | <b>48</b> |            |

| Course                                     | Title | Credits   | Milestones |
|--------------------------------------------|-------|-----------|------------|
| <b>Third Year</b>                          |       |           |            |
| <b>Fall</b>                                |       |           |            |
| Art history course                         |       | 4         |            |
| Upper-division ARTD course                 |       | 4         |            |
| General education group-satisfying courses |       | 8         |            |
| <b>Credits</b>                             |       | <b>16</b> |            |
| <b>Winter</b>                              |       |           |            |
| Art history course                         |       | 4         |            |
| Upper-division ARTD course                 |       | 4         |            |
| Elective course                            |       | 4         |            |
| General education group-satisfying course  |       | 4         |            |
| <b>Credits</b>                             |       | <b>16</b> |            |
| <b>Spring</b>                              |       |           |            |
| Art history course                         |       | 4         |            |
| Upper-division ARTD course                 |       | 4         |            |
| General education group-satisfying course  |       | 4         |            |
| Elective course                            |       | 4         |            |
| <b>Credits</b>                             |       | <b>16</b> |            |
| <b>Total Credits</b>                       |       | <b>48</b> |            |

| Course                      | Title | Credits   | Milestones |
|-----------------------------|-------|-----------|------------|
| <b>Fourth Year</b>          |       |           |            |
| <b>Fall</b>                 |       |           |            |
| Upper-division ARTD courses |       | 8         |            |
| Elective courses            |       | 8         |            |
| <b>Credits</b>              |       | <b>16</b> |            |



|                             |  |           |
|-----------------------------|--|-----------|
| <b>Winter</b>               |  |           |
| Upper-division ARTD courses |  | 8         |
| Elective courses            |  | 8         |
| <b>Credits</b>              |  | <b>16</b> |
| <b>Spring</b>               |  |           |
| Upper-division ARTD courses |  | 8         |
| Elective courses            |  | 8         |
| <b>Credits</b>              |  | <b>16</b> |
| <b>Total Credits</b>        |  | <b>48</b> |

Bachelor of Science in Art and Technology

| Course                                     | Title                             | Credits Milestones |
|--------------------------------------------|-----------------------------------|--------------------|
| <b>First Year</b>                          |                                   |                    |
| <b>Fall</b>                                |                                   |                    |
| ART 115                                    | Surface, Space, and Time          | 4                  |
| WR 121Z                                    | Composition I                     | 4                  |
| General education group-satisfying course  |                                   | 4                  |
| Mathematics course                         |                                   | 4                  |
| <b>Credits</b>                             |                                   | <b>16</b>          |
| <b>Winter</b>                              |                                   |                    |
| ART 116                                    | Core Interdisciplinary Laboratory | 4                  |
| WR 122Z                                    | Composition II                    | 4                  |
| or WR 123 or College Composition III       |                                   |                    |
| General education group-satisfying course  |                                   | 4                  |
| Mathematics course                         |                                   | 4                  |
| <b>Credits</b>                             |                                   | <b>16</b>          |
| <b>Spring</b>                              |                                   |                    |
| Mathematics course                         |                                   | 4                  |
| General education group-satisfying courses |                                   | 12                 |
| <b>Credits</b>                             |                                   | <b>16</b>          |
| <b>Total Credits</b>                       |                                   | <b>48</b>          |

| Course                                     | Title                    | Credits Milestones |
|--------------------------------------------|--------------------------|--------------------|
| <b>Second Year</b>                         |                          |                    |
| <b>Fall</b>                                |                          |                    |
| ART 233                                    | Drawing I                | 4                  |
| ARTD 250                                   | Print Media Digital Arts | 4                  |
| General education group-satisfying courses |                          | 8                  |
| <b>Credits</b>                             |                          | <b>16</b>          |
| <b>Winter</b>                              |                          |                    |
| ARTD 251                                   | Time-Based Digital Arts  | 4                  |
| General education group-satisfying courses |                          | 12                 |
| <b>Credits</b>                             |                          | <b>16</b>          |
| <b>Spring</b>                              |                          |                    |
| ARTD 252                                   | Interactive Digital Arts | 4                  |
| General education group-satisfying courses |                          | 12                 |
| <b>Credits</b>                             |                          | <b>16</b>          |
| <b>Total Credits</b>                       |                          | <b>48</b>          |

| Course                                    | Title | Credits Milestones |
|-------------------------------------------|-------|--------------------|
| <b>Third Year</b>                         |       |                    |
| <b>Fall</b>                               |       |                    |
| Art history course                        |       | 4                  |
| Upper-division ARTD course                |       | 4                  |
| Elective course                           |       | 4                  |
| General education group-satisfying course |       | 4                  |
| <b>Credits</b>                            |       | <b>16</b>          |
| <b>Winter</b>                             |       |                    |
| Art history course                        |       | 4                  |
| Upper-division ARTD course                |       | 4                  |
| Elective courses                          |       | 8                  |
| <b>Credits</b>                            |       | <b>16</b>          |
| <b>Spring</b>                             |       |                    |
| Art history course                        |       | 4                  |
| Upper-division ARTD course                |       | 4                  |
| Elective courses                          |       | 8                  |
| <b>Credits</b>                            |       | <b>16</b>          |
| <b>Total Credits</b>                      |       | <b>48</b>          |

| Course                      | Title | Credits Milestones |
|-----------------------------|-------|--------------------|
| <b>Fourth Year</b>          |       |                    |
| <b>Fall</b>                 |       |                    |
| Upper-division ARTD courses |       | 8                  |
| Elective courses            |       | 8                  |
| <b>Credits</b>              |       | <b>16</b>          |
| <b>Winter</b>               |       |                    |
| Upper-division ARTD courses |       | 8                  |
| Elective courses            |       | 8                  |
| <b>Credits</b>              |       | <b>16</b>          |
| <b>Spring</b>               |       |                    |
| Upper-division ARTD courses |       | 8                  |
| Elective courses            |       | 8                  |
| <b>Credits</b>              |       | <b>16</b>          |
| <b>Total Credits</b>        |       | <b>48</b>          |

Art and Technology (BFA)

The BFA degree program in art and technology is a focused and selective undergraduate degree that allows students to take many studio courses. BFA students receive faculty mentoring and take BFA-specific courses that include professional practice strategies and opportunities. Students work toward a thesis project in their graduating year that includes a final BFA exhibition, a website, and a catalog publication.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate mastery of studio practices and ideas.
- Develop an understanding of history, theory, and criticism, and an ability to analyze and situate work in relation to that body of knowledge.
- Acquire a working knowledge of technologies and equipment applicable to their area(s) of specialization.

- Develop an ability to synthesize material and intellectual knowledge and shape an independent studio practice.

## Bachelor of Fine Arts: Art and Technology

The bachelor of fine arts degree with a major in art and technology is a professional baccalaureate degree. Students enrolled in the digital arts BFA are in residence at the University of Oregon in Portland as they develop the body of work for their BFA terminal project.

The application process is competitive and includes a portfolio review. Students who have completed a comparable four-year degree in art at another institution may be admitted to the BFA program. Such candidates must satisfy the university's 45-credit residence requirement.

Students must complete the four-year program with a total of 118 credits in digital arts (a total of 180 university credits).

| Code                                                                                                            | Title                                             | Credits    |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------|
| <b>Departmental Requirements for BA or BS in Art and Technology</b>                                             |                                                   |            |
| ART 115                                                                                                         | Surface, Space, and Time                          | 4          |
| ART 116                                                                                                         | Core Interdisciplinary Laboratory                 | 4          |
| ART 233                                                                                                         | Drawing I                                         | 4          |
| ARTD 250                                                                                                        | Print Media Digital Arts                          | 4          |
| ARTD 251                                                                                                        | Time-Based Digital Arts                           | 4          |
| ARTD 252                                                                                                        | Interactive Digital Arts                          | 4          |
| Three art history courses <sup>1</sup>                                                                          |                                                   | 12         |
| Upper-division art studio courses <sup>2,3</sup>                                                                |                                                   | 36         |
| <b>Departmental Requirements for BFA in Art and Technology</b>                                                  |                                                   |            |
| Three art history (ARH) or theory courses                                                                       |                                                   | 12         |
| ARTD 409                                                                                                        | Terminal Creative Project BFA                     | 4          |
| ARTD 490                                                                                                        | Issues and Practices in Digital Arts <sup>4</sup> | 15         |
| Additional upper-division digital arts (ARTD) credits (chosen from studios, independent studies, or internship) |                                                   | 15         |
| <b>Total Credits</b>                                                                                            |                                                   | <b>118</b> |

<sup>1</sup> History of Design (ARH 358) is recommended.

<sup>2</sup> At least 24 of these credits must be in digital arts (ARTD) studio courses.

<sup>3</sup> A maximum of 6 credits in Internship: [Topic] (ARTD 404) and a maximum of 12 credits in Practicum: [Topic] (ARTD 406) may be counted toward the 36 upper-division credits.

<sup>4</sup> Three terms of course

## Art Minor

We encourage you to declare the minor at least three terms before graduating. At the time you declare your minor, you are encouraged to contact the Art Office to schedule a departmental advising appointment.

### Art Minor Requirements

The minor requires 40 credits. Coursework must be taken in at least two departmental curricular areas, excluding courses taken to fulfill the core studios requirements.

Students are encouraged to declare the minor at least three terms before graduating. At the time the minor is declared, a departmental advisor may be assigned to help the student develop an individualized program.

| Code                                            | Title                             | Credits   |
|-------------------------------------------------|-----------------------------------|-----------|
| <b>Core Requirements</b>                        |                                   |           |
| Two art history (ARH) courses                   |                                   | 8         |
| ART 115                                         | Surface, Space, and Time          | 4         |
| ART 116                                         | Core Interdisciplinary Laboratory | 4         |
| ART 233                                         | Drawing I                         | 4         |
| <b>Studio Requirements</b>                      |                                   |           |
| Studio courses selected by student <sup>1</sup> |                                   | 20        |
| <b>Total Credits</b>                            |                                   | <b>40</b> |

<sup>1</sup> Of the 20 studio credits, 12 must be upper division, and 12 credits must be taken in residence.

## Multimedia Minor

The minor in Multimedia is an interdisciplinary endeavor, drawing on the expertise of faculty in the areas of Art and Technology, Computer and Information Science, Journalism, and Music. Students in the minor will receive an introduction to the possibilities available to students with a background in interdisciplinary multimedia studies. Courses offered in the minor will cover design, programming, writing and composing for a variety of different applications.

### Minor in Multimedia

The minor requires 28 credits. Courses must be taken for letter grades and passed with a C– or better. No transfer work can be applied to the minor. The three core courses must be completed before registering for other courses required for the minor.

| Code                       | Title                           | Credits   |
|----------------------------|---------------------------------|-----------|
| <b>Core Requirements</b>   |                                 |           |
| ARTD 250                   | Print Media Digital Arts        | 4         |
| ARTD 251                   | Time-Based Digital Arts         | 4         |
| ARTD 252                   | Interactive Digital Arts        | 4         |
| <b>Studio Requirements</b> |                                 |           |
| CS 111                     | Introduction to Web Programming | 4         |
| ARTD 360                   | Digital Imaging                 | 4         |
| J 333                      | Writing for Multimedia          | 4         |
| MUS 447                    | Digital Audio and Sound Design  | 4         |
| <b>Total Credits</b>       |                                 | <b>28</b> |

## Art (MFA)

The graduate program seeks to prepare students for serious artistic practice. The objectives for students are not only to arrive at an accomplished body of work, but also to develop the practices and critical-thinking skills necessary to develop and sustain the work beyond school.

The program focuses on individual studio practice, the cultivation of a visual language, material process, and conceptual approach relevant to each student's intentions and sensibility. Students are challenged to devise strategies of experimentation and research and to cultivate an ability to articulate ideas and critical responses to work. As part of a larger

community, students are expected to have a significant understanding of the historical frameworks and the contemporary discourse of art.

The MFA curriculum is designed to provide both interdisciplinary discourse and disciplinary depth. MFA students have much of their course work in common through classes such as Graduate Critique (ART 612), theory and history seminars, and special topics courses. Graduate review and thesis committees are made up of faculty members across the range of media concentrations. Through Issues and Practices seminars and independent studies, students also have opportunities to concentrate on particular areas of specialization. Specialized facilities and equipment are available in the eight media areas that compose the department—art & technology, sculpture, photography, ceramics, jewelry and metalsmithing, painting, printmaking, and fibers.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop of an accomplished, independent, professional level body of work.
- Conduct independent research and analysis in the discipline
- Demonstrate critical thinking and articulation of their creative work, including effective oral and written communication skills.
- Demonstrate competencies and strategies for experimentation, materially and conceptually, which will sustain the work beyond graduation
- Understand historical and contemporary contexts, and professional discourse in the discipline. 6. Demonstrate understanding of professional practices

Art Major

A minimum of 24 credits must be graded with a grade of mid-B or better.

| Code                                                                           | Title                                                                                                                       | Credits |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------|
| ART 612                                                                        | Graduate Critique <sup>1</sup>                                                                                              | 15      |
| Two graduate-level art history (ARH) courses; one must be contemporary history |                                                                                                                             | 8       |
| One art theory and criticism seminar                                           |                                                                                                                             | 4       |
| One writing course                                                             |                                                                                                                             | 3       |
| Issues and Practices chosen from ARTC, ARTD, ARTF, ARTM, ARTO, ARTP, or ARTR   |                                                                                                                             |         |
| ARTS 609                                                                       | Terminal Creative Project MFA (or Terminal Creative Project M.F.A. chosen from ARTC, ARTD, ARTF, ARTM, ARTO, ARTP, or ARTR) | 18      |
| ART 614                                                                        | Graduate Studio <sup>3</sup>                                                                                                | 24      |
| Additional art credits                                                         |                                                                                                                             | 9       |
| Total Credits                                                                  |                                                                                                                             | 81      |

<sup>1</sup> Five courses  
<sup>2</sup> One course each year  
<sup>3</sup> Six courses in first two years

Additional Requirements

- Participation in at least two graduate reviews - one prior to reclassification to graduate master's candidacy and a second prior to the MFA exhibition

- Public exhibition of the MFA thesis and final review with the terminal project committee
- Terminal creative project report

Residency Requirements

Nine consecutive terms of full-time enrollment, not including summer session, is the minimum residence requirement. Under special circumstances, an official University of Oregon leave of absence may be requested.

Product Design

Trygve Faste, Department Head  
541-346-6891  
251E Lawrence Hall  
5282 University of Oregon  
Eugene, Oregon 97403-5232

The Department of Product Design rigorously explores the invention, production, and use of products. It integrates the theories and applied practices in the design, art, and architecture disciplines, creating collaborative opportunities across campus with the business school and the anthropology and chemistry departments. The critical research and design work produced by students and faculty members has an impact on both the local and international design communities.

The program exposes and expands on the significance of materials in products, helping students develop an understanding of how aspects of sustainability and ergonomics, tactile and visual aesthetics, and structural integrity can influence their choices in materials.

Overview

The department offers a bachelor of fine arts (BFA) degree in product design. The BFA is a four-year program combining liberal arts and intensive product design studies designed to prepare students for a professional career in product design. Students enrolled in the program share a foundation in design, graphics, drawing, and art history with majors in both architecture and art.

Eugene

Students undertake the first three years of the BFA in product design at the university's main campus in Eugene. This location is well-equipped with computer and digital-imaging labs, a new digital computer-controlled mill, laser cutter, wood shop, digital loom, metals and ceramics shops, large-format printing facility, and other specialized art and design studios in Lawrence Hall, Downtown Eugene and the Northsite studio complex. The Eugene campus has strong undergraduate and graduate degree programs in architecture, art, ceramics, digital arts, fibers, interior architecture, metalsmithing and jewelry, painting, photography, printmaking, and sculpture. In addition, students have access to other university resources, such as the architecture and allied arts and main libraries, Student Recreation Center, Erb Memorial Union, and Craft Center.

Portland

Students pursuing the BFA degree complete their fourth year of study at the university's new facility in Portland's Old Town Historic District. The White Stag Block houses studio facilities, a digital fusion laboratory, classrooms, a library, exhibit and research spaces, the Sports Product Design Master's Program, and work areas for students and faculty members. An integrated shop and an output center for two-

and three-dimensional computer numerical controlled production are available. Product design students benefit by interacting with students from other related professional disciplines, such as architecture and sports product design. An internship component of the BFA program gives students access to design professionals and direct experience at leading Northwest design companies.

## Preparation

High school and college students interested in product design should prepare themselves by taking courses in the following subjects:

- Fine arts and design (e.g., drawing, painting, sculpture, two- and three-dimensional design, fiber arts, metal arts, ceramics, drafting, art history, architecture, furniture or interior design)
- Social sciences (e.g., sociology, psychology, cultural anthropology)
- Sciences and mathematics (e.g., physics, algebra, geometry)
- Humanities (e.g., literature, writing)

To better understand the professional field, prospective students may plan to visit and discuss opportunities with local designers and firms practicing product design.

Product design students are required to own a laptop computer. If students purchase recommended equipment, they are eligible for technical support from our computing staff. Recommended systems are listed on the program's website. Purchase of a digital camera to record studio work and use for classroom assignments is strongly advised.

## Faculty

John Arndt, associate professor (product design). BFA, 1997, Alfred; MDes, 2006, Design Academy Eindhoven. (2008)

Wonhee Jeong Arndt, associate professor. BFA, 2002, Kookmin; MDes, 2006, Design Academy Eindhoven. (2014)

Trygve Faste, associate professor (product design). BA, 1997, Whitman College; MFA, 2004, Cranbrook Academy of Art. (2010)

Kiersten Muenchinger, Tim and Mary Boyle Chair in Material and Product Studies; associate professor (product design). BA, 1993, Dartmouth College; MS, 1998, Stanford. (2008)

Erdem Selek, associate professor (product design). BID, 2004, Middle East Technical; MA, 2007, Ecole Supérieure d'Art et de Design; MS, 2008, Istanbul Technical. (2015)

Hale Selek, associate professor (product design). BID, 2004, Middle East Technical; MA, 2007, Ecole Supérieure d'Art et de Design; MS, 2008, Istanbul Technical. (2015)

Susan Sokolowski, associate professor (sports product design). BFA, 1990, Fashion Institute of Technology; MA, 1997, Cornell; PhD, 1999, Minnesota, Twin Cities. (2015)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Major - Bachelor's Degree

- Product Design (BFA) (p. 481)

## Minor

- Product Design (p. 482)

## Major - Master's Degree

- Sports Product Design (MS) (p. 482)

## Product Design (BFA)

Enhance the world around you by creating products that are useful, energy-efficient, ergonomically appropriate, cost-effective and socially responsible. As one of our students, you will solve real-world design challenges with fellow students, clients, and faculty members.

Students in the product design major develop the knowledge, skills, and methods essential to becoming a professional designer with courses in product design, art, and art and technology within the School of Art + Design. In the product design major, students work on the Eugene campus for three years and continue to the Portland campus for the final year of completion of their professional BFA degrees.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Realize a new product that solves a specific need based on needs found through observational research with and of an individual person.
- Create cohesive visual and verbal analysis about the impact of a new product on a civic or social structure.
- Articulate personal design sense through visual and verbal media.

## Product Design Major Requirements

| Code                                  | Title                                   | Credits   |
|---------------------------------------|-----------------------------------------|-----------|
| <b>Drawing and Basic Design</b>       |                                         | <b>16</b> |
| PD 101                                | Introduction to Product Design          |           |
| ART 115                               | Surface, Space, and Time                |           |
| ART 116                               | Core Interdisciplinary Laboratory       |           |
| PD 223                                | Beginning Design Drawing                |           |
| <b>Lower Division Studio</b>          |                                         | <b>12</b> |
| PD 240                                | Designers' Tools                        |           |
| ARTD 250                              | Print Media Digital Arts                |           |
| Elective Course <sup>1</sup>          |                                         |           |
| <b>Upper Division Studio</b>          |                                         | <b>20</b> |
| PD 301                                | Introduction to Design Studio           |           |
| PD 302                                | Introduction to Design Studio II        |           |
| PD 323                                | Design Drawing                          |           |
| PD 330                                | Introduction to Computer Aided Design   |           |
| PD 430                                | Computer-Assisted Design and Production |           |
| <b>Upper Division Theory</b>          |                                         | <b>12</b> |
| PD 340                                | Design for Use                          |           |
| PD 350                                | Objects and Impacts                     |           |
| PD 370                                | Design Process                          |           |
| <b>PD Senior Studio</b>               |                                         | <b>12</b> |
| PD 483                                | Advanced Studio I                       |           |
| PD 484                                | Advanced Studio II                      |           |
| PD 485                                | Advanced Studio III                     |           |
| <b>BA Studio - UO Portland Campus</b> |                                         | <b>18</b> |
| PD 486                                | BFA Studio I                            |           |
| PD 487                                | BFA Studio II                           |           |

|                                                     |                     |            |
|-----------------------------------------------------|---------------------|------------|
| PD 488                                              | BFA Studio III      |            |
| <b>Art History</b>                                  |                     | <b>8</b>   |
| ARH 358                                             | History of Design   |            |
| Art History Elective                                |                     |            |
| <b>Upper Division Studio Electives</b> <sup>2</sup> |                     | <b>10</b>  |
| PD 404                                              | Internship: [Topic] | 12         |
| <b>Total Credits</b>                                |                     | <b>120</b> |

- <sup>1</sup> One studio course chosen from product design (PD), ceramics (ARTC), fibers (ARTF), metalsmithing and jewelry (ARTM), sculpture (ARTS).
- <sup>2</sup> Studio courses chosen from product design (PD), ceramics (ARTC), fibers (ARTF), metalsmithing and jewelry (ARTM), sculpture (ARTS), Sports Product Design (SPD).

## Product Design Minor

### Product Design Minor Requirements

Courses used to fulfill the minor requirements must be taken for a letter grade and passed with a grade of C- or better.

| Code                                                | Title                                       | Credits   |
|-----------------------------------------------------|---------------------------------------------|-----------|
| <b>Lower-Division Required Courses</b>              |                                             |           |
| ART 115                                             | Surface, Space, and Time                    | 4         |
| PD 101                                              | Introduction to Product Design <sup>1</sup> | 4         |
| <b>Upper-Division Required Courses</b> <sup>1</sup> |                                             |           |
| PD 340                                              | Design for Use                              | 4         |
| PD 350                                              | Objects and Impacts                         | 4         |
| PD 370                                              | Design Process                              | 4         |
| ARH 358                                             | History of Design                           | 4         |
| <b>Total Credits</b>                                |                                             | <b>24</b> |

- <sup>1</sup> All upper-division courses and PD courses must be taken at the University of Oregon.

## Sports Product Design (MS)

The Department of Product Design offers a master's degree in Sports Product Design, a two-year program based in Portland, Oregon.

The Master of Sports Product Design prepares designers to be key members and leaders of multidisciplinary development teams within the more than 800 sports product companies located in Oregon and beyond. The program focuses on research and innovation methods, design tailored for the athlete, product materials and sustainability, marketing and branding through the study of sports-specific design techniques, along with human physiology and biomechanics.

Students who graduate from this program will be capable of making strong contributions to the sports design culture of Oregon and the world at large.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Create industry-competitive Sports Apparel.
- Create industry-competitive Sports Footwear.
- Create industry-competitive Sports Equipment.
- Create a project appropriate for contemporary introduction to the Sports Product industry as assessed by innovation, fabrication, financial viability and user need.

## Master of Science in Sports Product Design

The Master of Sports Product Design is a two-year program intended for students already equipped with conceptual problem-solving abilities, knowledge of materials and production, strategies for emotional product resonance and relevance, and entrepreneurial skills (typically, but not always, acquired in an undergraduate program in product design or its equivalent).

### Degree Requirements

The curriculum is divided into three categories, per NASAD requirements for terminal graduate degrees:

1. A minimum of 65% of the total credits for the degree in studio studies.
2. A minimum of 15% of the total credits for the degree should include academic studies concerned with visual media.
3. At least 10% of the total program should be reserved for elective credits.

**Studio Studies.** A minimum of 65% of the total credits for the degree shall be in studio. As part of this requirement, institutions are responsible for maintaining title/content consistency.

| Code     | Title                                                 | Credits |
|----------|-------------------------------------------------------|---------|
| SPD 684  | Research Methodology and Innovation Process Studio    | 6       |
| SPD 645  | Sports Product Design and Business (SPD and Business) | 4       |
| SPD 650  | Sports Product Materials and Manufacturing            | 4       |
| SPD 685  | Sports Product Design Studio I                        | 6       |
| SPD 686  | Sports Product Design Studio II                       | 6       |
| SPD 687  | Sports Product Design Studio III                      | 6       |
| SPD 601  | Research: [Topic]                                     | 1-6     |
| SPD 688  | Innovative Project Strategy Development Studio        | 9       |
| SPD 689  | Collaborative Creation and Launch Studio              | 9       |
| J 616    | Introduction to Strategic Communication Marketing     | 4       |
| HPHY 631 | Human Performance and Sports Products                 | 3       |
| HPHY 632 | Human Biomechanics and Sports Product Design          | 2       |

**Academic Studies.** A minimum of 15% of the total credits for the degree should be in academic studies concerned with visual media. Course assignments should be made with careful consideration of (1) the scope and objectives of the student's program, and (2) the content of studies completed at the undergraduate level.

| Code    | Title                         | Credits |
|---------|-------------------------------|---------|
| SPD 515 | Soft Goods Technologies       | 4       |
| SPD 525 | Digital Creation Technologies | 4       |
| SPD 503 | Thesis (Thesis)               | 1-6     |



|         |                           |     |
|---------|---------------------------|-----|
| SPD 604 | Internship: [Topic]       | 1-6 |
| SPD 605 | Special Problems: [Topic] | 1-6 |

**Elective Studies.** Elective studies are important since they provide opportunities for students to follow specific areas of interest related to their areas of specialization or their prospective careers. It is strongly recommended that at least 10% of the total program be reserved for electives.

| Code     | Title                                  | Credits |
|----------|----------------------------------------|---------|
| SPD 606  | Practicum: [Topic]                     | 1-6     |
| PD 510   | Experimental Course: [Topic]           | 1-6     |
| J 621    | Foundations of Strategic Communication | 4       |
| J 624    | Strategic Communication: [Topic]       | 2       |
| MGMT 625 | New Venture Planning                   | 3       |

## Professional Connections

Industry partners for Sports Product Design provide special opportunities for students, fulfilling a number of critical roles as part of the learning environment of this program: instructors, advisors, guest reviewers, lecturers, mentors. Some examples of recent partners include Intel, Leatherman, Logitech, Nike, and Under Armour.

## History of Art and Architecture

### Akiko Walley, Department Head

237C Lawrence Hall  
5229 University of Oregon  
Eugene, Oregon 97403-5229

The Department of the History of Art and Architecture offers study in the principal and architectural traditions of Asia, the Americas, Europe, and the Mediterranean. Courses are appropriate for students interested in history, art, and the larger cultural context of society. They are also suitable for students intending to concentrate on the practice of art or environmental design. The undergraduate program prepares students for a range of careers (including those in the business world, art museums, and galleries) as well as graduate studies in art history. The graduate program emphasizes both breadth and depth, and it is characterized by close working relationships between students and the faculty.

Students explore global history, culture, and society through art and architecture from antiquity to the present day. Trained to analyze the broad spectrum of human creativity and expression, art history students are natural ambassadors of pluralism and tolerance, developing skills in appreciating visual and material culture to make them true global citizens—ideally equipped to correlate historical events and concerns with important contemporary and international phenomena.

The history of art and architecture program at Oregon is comprehensive in scope. Students learn at least one ancient or modern language associated with their main area of interest, and courses examine cultural production from around the globe. The department trains students to become guardians and advocates for culture and the arts within Oregon, the United States, and the world.

Because of this rigorous training in critical thinking and communication, art history is not merely a preprofessional major for future art historians. An art history degree prepares students to embark on an array of professional careers, including those in business, education, law, private and nonprofit organizations, professional writing, and publishing. More

specialized careers include art-based professions in museums, galleries, archives, and cultural institutes.

## Faculty

Nina Amstutz, professor (18th- and 19th-century art). BA, 2004, MA 2008, PhD, 2013, Toronto. (2014)

Simone Ciglia, career instructor (contemporary art). BA, 2004, MA 2006, PhD, 2012, University of Rome, Italy. (2021)

Joyce Cheng, associate professor (modern art). BA, 2001, Northwestern; MA, 2003, PhD, 2009, Chicago. (2009)

Keith Eggner, Marion Dean Ross Distinguished Professor in Architectural History (architectural history). BA, 1985, Portland State; MA, 1989, Washington (Seattle); MA, 1993, Stanford; PhD, 1995, Stanford. (2013)

Victoria Ehrlich (renaissance and baroque art) , visiting assistant professor (2023-24). PhD, 2017, Cornell. (2020)

Mariachiara Gasparini, assistant professor (Chinese and Central Asian art and architecture). BA, 2005, University of Naples; MA, 2011, Sotheby's Institute of Art; PhD, 2015, Heidelberg University. (2002)

Maile Hutterer, associate professor (medieval art and architecture). BA, 2004, California, Santa Barbara; PhD, 2011, New York University. (2014)

Kate Mondloch, professor (contemporary art). BS, 1994, Georgetown; MA, 2000, PhD, 2005, California, Los Angeles. (2005)

Emily Scott, assistant professor (history of art and architecture and environmental studies); BA, Bryn Mawr; PhD, 2010, California, Los Angeles. (2018)

Kristen Seaman, professor (Greek and Roman art and architecture). BA, 1994, Yale University, MA, 2009, PhD, 2009, California, Berkeley. (2015)

Akiko Walley, Maude I. Kerns Professor of Japanese Art; associate professor (Japanese art). BA, 1998, MA, 2001, Aoyama Gakuin; AM, 2004, PhD, 2009, Harvard. (2009)

## Emeriti

Charles H. Lachman, associate professor. AB, 1971, Temple; MA, 1974, McMaster; PhD, 1985, Toronto. (1992)

Jeffrey M. Hurwit, professor emeritus. AB, MA, 1971, Brown; MPhil, 1972, PhD, 1975, Yale. (1980)

Esther Jacobson-Tepfer, professor emerita. BA, 1962, MA, 1964, PhD, 1970, Chicago. (1966)

Andrew Morrogh, associate professor emeritus. BA, 1966, Jesus College, Oxford; MA, 1973, PhD, 1983, Courtauld Institute, University of London. (1993)

Kathleen D. Nicholson, professor emerita. BA, 1969, Connecticut; MA, 1971, PhD, 1977, Pennsylvania. (1995)

Leland M. Roth, professor emeritus. BArch, 1966, Illinois; MPhil, 1970, PhD, 1973, Yale. (1978)

W. Sherwin Simmons, professor emeritus. BA, 1967, Yale; MA, 1975, PhD, 1979, Johns Hopkins. (1973)

Richard A. Sundt, associate professor emeritus. BA, 1967, Indiana; MA, 1973, PhD, 1981, Wisconsin, Madison. (1982)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

Major - Bachelor's Degree

- Art History (BA) (p. 484)

Minor

- Art History (p. 486)

Major - Master's Degree

- Art History (MA) (p. 486)

Major - Doctoral Degree

- Art History (PhD) (p. 487)

Certificates

- Museum Studies (p. 487)
- New Media and Culture (p. 488)

Art History (BA)

An art history major will help you to develop competence in visual literacy, analytical skills, communication skills, and cultural and historical awareness. Art history is a marketable major, and graduates make competitive candidates in museums, galleries, archives, and cultural institutions as well as business, education, law, private and nonprofit organizations, professional writing, and publishing.

Art history students explore global history, culture, and society through art and architecture from antiquity to the present day. Trained to celebrate cultural differences and the broad spectrum of human creativity and expression, art history students are natural ambassadors of pluralism and tolerance. As an art history student, you'll develop skills in appreciating visual and material culture to help you become a true global citizen—ideally equipped to understand how historical events and concerns relate to important contemporary and international phenomena.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Identify themes, forms and structures of works of art, architecture and visual/material culture, using appropriate art historical terms.
- Connect features of works of art, architecture and visual/material culture to their appropriate historical and cultural contexts.
- Evaluate scholarly interpretations of works of art, architecture and visual/material culture.
- Present arguments related to works of art, architecture and visual/material culture in scholarly writing.

Bachelor of Arts Degree Requirements

Majors in art history are required to complete the language requirement as described under the university's bachelor of arts requirements (p. 25).

Because some languages are required for advanced research and graduate study in art history as well as other humanistic disciplines, majors are urged to choose one of them to satisfy the BA requirement.

For example, Greek and Latin are the most commonly used languages in art-historical study about the Ancient Mediterranean; Chinese and Japanese are essential for most areas of East Asian art history; French, German, and Italian are the most commonly used languages in European art-historical research; and Portuguese and Spanish are the most commonly used languages in Latin American art-historical research. Substitution of other languages may be appropriate to a field of interest. Students are urged to consult with their advisors when selecting a language for study.

| Code                                                          | Title                                       | Credits |
|---------------------------------------------------------------|---------------------------------------------|---------|
| General Requirements                                          |                                             |         |
| Studio art (e.g., drawing, sculpture, or design)              |                                             | 4       |
| ARH 411                                                       | Critical Approaches to Art Historical Study | 4       |
| Choose four of the following survey courses:                  |                                             | 16      |
| ARH 150                                                       | Introduction to Visual Culture              |         |
| ARH 204                                                       | History of Western Art I                    |         |
| ARH 205                                                       | History of Western Art II                   |         |
| ARH 206                                                       | History of Western Art III                  |         |
| ARH 208                                                       | History of Chinese Art                      |         |
| ARH 209                                                       | History of Japanese Art                     |         |
| ARH 210                                                       | Contemporary Asian Art and Architecture     |         |
| ARH 211                                                       | Survey of Latin American Arts               |         |
| ARH 314                                                       | History of World Architecture I             |         |
| ARH 315                                                       | History of World Architecture II            |         |
| Eight upper-division lecture and seminar courses <sup>1</sup> |                                             | 32      |
| Total Credits                                                 |                                             | 56      |

<sup>1</sup> Choose any 300- and 400-level courses with the exception of History of World Architecture I (ARH 314) and History of World Architecture II (ARH 315). Four of the eight courses must be at the 400 level. Of the eight required upper-division courses, two courses must be taken in any three of the following four chronological breadth areas: ancient, medieval, early modern, modern-contemporary. The remaining two courses are electives and may be taken in any area. At least four of the eight required upper-division courses must be taken in residence at the University of Oregon.

Majors must take art history courses for letter grades and pass them with a C– or better.

Honors Program

Majors in the history of art and architecture department may enroll in the department's honors essay program if they have

1. completed two lower-division and four upper-division art history courses (one of which must be taken in residence at the University of Oregon)
2. completed Critical Approaches to Art Historical Study (ARH 411) with a grade of A– or better
3. an average GPA of 3.50 or higher in art history courses
4. submitted the departmental honors enrollment form (available online) to the director of undergraduate studies, indicating the support of a faculty advisor

Students are urged to present a first draft of the essay to the faculty advisor six weeks before the end of the term, and a final draft must be submitted two weeks before the end of the same term.

The honors essay must demonstrate the student's ability to formulate a significant research problem. The essay should have approximately 20–25 pages of text, not including notes, bibliography, and illustrations. A copy of the honors essay is deposited in departmental files.

Honors candidates who maintain a 3.50 GPA in all courses required for the art history major are awarded departmental honors upon the approval of their essay by the faculty advisor.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Art History

### Course Title Credits Milestones

#### First Year

##### Fall

|                                                            |               |   |
|------------------------------------------------------------|---------------|---|
| WR 121Z                                                    | Composition I | 4 |
| First term of first-year second-language sequence          |               | 4 |
| Lower-division art history course (subject code ARH)       |               | 4 |
| General-education course in social science (first subject) |               | 4 |

**Credits 16**

##### Winter

|                                                            |                                                                                   |   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------|---|
| WR 123<br>or<br>WR 122Z                                    | College Composition III (recommended for art history majors)<br>or Composition II | 4 |
| Second term of first-year second-language sequence         |                                                                                   | 4 |
| General-education course in social science (first subject) |                                                                                   | 4 |
| General-education course in science (first subject)        |                                                                                   | 4 |

**Credits 16**

##### Spring

|                                                             |  |   |
|-------------------------------------------------------------|--|---|
| Third term of first-year second-language sequence           |  | 4 |
| Lower-division ARH course                                   |  | 4 |
| General-education course in social science (second subject) |  | 4 |
| General-education course in science (first subject)         |  | 4 |

**Credits 16**

**Total Credits 48**

### Course Title Credits Milestones

#### Second Year

##### Fall

|                                                             |  |   |
|-------------------------------------------------------------|--|---|
| First term of second-year second-language sequence          |  | 4 |
| Lower-division ARH course                                   |  | 4 |
| General-education course in social science (on any subject) |  | 4 |
| General-education course in science (second subject)        |  | 4 |

**Credits 16**

##### Winter

|                                                     |  |   |
|-----------------------------------------------------|--|---|
| Second term of second-year second-language sequence |  | 4 |
| Lower-division ARH course                           |  | 4 |

|                                                              |   |
|--------------------------------------------------------------|---|
| General-education course in arts and letters (first subject) | 4 |
|--------------------------------------------------------------|---|

|                                                      |   |
|------------------------------------------------------|---|
| General-education course in science (on any subject) | 4 |
|------------------------------------------------------|---|

**Credits 16**

##### Spring

|                                                    |                               |   |
|----------------------------------------------------|-------------------------------|---|
| Third term of second-year second-language sequence | Complete language requirement | 4 |
|----------------------------------------------------|-------------------------------|---|

|                                              |   |
|----------------------------------------------|---|
| 300-level ARH course (except ARH 314 or 315) | 4 |
|----------------------------------------------|---|

|                                                              |   |
|--------------------------------------------------------------|---|
| General-education course in arts and letters (first subject) | 4 |
|--------------------------------------------------------------|---|

|                                                               |   |
|---------------------------------------------------------------|---|
| General-education course in arts and letters (on any subject) | 4 |
|---------------------------------------------------------------|---|

Apply for art history major at beginning of term; begin taking upper-division ARH courses; consider applying for Gloria Tovar Lee Scholarship

**Credits 16**

**Total Credits 48**

### Course Title Credits Milestones

#### Third Year

##### Fall

|                   |                                         |   |
|-------------------|-----------------------------------------|---|
| Art studio course | Complete art history studio requirement | 4 |
|-------------------|-----------------------------------------|---|

|         |                                             |   |
|---------|---------------------------------------------|---|
| ARH 411 | Critical Approaches to Art Historical Study | 4 |
|---------|---------------------------------------------|---|

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|                 |   |
|-----------------|---|
| Elective course | 4 |
|-----------------|---|

**Credits 16**

##### Winter

|                      |   |
|----------------------|---|
| 400-level ARH course | 4 |
|----------------------|---|

|                                 |   |
|---------------------------------|---|
| Upper-division elective courses | 8 |
|---------------------------------|---|

|                 |   |
|-----------------|---|
| Elective course | 4 |
|-----------------|---|

**Credits 16**

##### Spring

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|                      |   |
|----------------------|---|
| 400-level ARH course | 4 |
|----------------------|---|

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|                 |   |
|-----------------|---|
| Elective course | 4 |
|-----------------|---|

This term, consider applying for book prizes and/or Gloria Tovar Lee Scholarship; consider applying to honors program

**Credits 16**

**Total Credits 48**

### Course Title Credits Milestones

#### Fourth Year

##### Fall

|                              |   |
|------------------------------|---|
| 300- or 400-level ARH course | 4 |
|------------------------------|---|

|                      |   |
|----------------------|---|
| 400-level ARH course | 4 |
|----------------------|---|

|                                |   |
|--------------------------------|---|
| Upper-division elective course | 4 |
|--------------------------------|---|

|                 |   |
|-----------------|---|
| Elective course | 4 |
|-----------------|---|

This term, consider applying for travel-research awards; also consider applying for book prizes (spring deadline)

| Credits                        |                                                                                                 | 16 |
|--------------------------------|-------------------------------------------------------------------------------------------------|----|
| <b>Winter</b>                  |                                                                                                 |    |
| Upper-division ARH course      | Complete upper-division requirement                                                             | 4  |
| 400-level ARH course           | Complete 400-level requirement                                                                  | 4  |
| Upper-division elective course |                                                                                                 | 4  |
| Elective course                |                                                                                                 | 4  |
| Credits                        |                                                                                                 | 16 |
| <b>Spring</b>                  |                                                                                                 |    |
| Upper-division elective course | Complete 180 minimum credits and 62 upper-division credits; complete honors essay (if relevant) | 4  |
| Credits                        |                                                                                                 | 4  |
| Total Credits                  |                                                                                                 | 36 |

## Art History (MA)

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Disciplinary Knowledge:** Demonstrate mastery of the principal works, texts, methods, discussions and problems in a chosen field or fields of study within art and/or architectural history.
- **Disciplinary Knowledge:** Demonstrate ability to analyze and critique discourse in a chosen field or fields of study within art and/or architectural history.
- **Disciplinary Knowledge:** Demonstrate proficiency in at least one language beyond English, selected to facilitate advanced research and analysis in a chosen field or fields of study.
- **Disciplinary Knowledge:** Demonstrate ability to develop and realize a comprehensive program of independent research as a means of establishing oneself as a part of a professional community.
- **Career Preparedness:** Demonstrate awareness of relevant career options, job search networks, cover letter and CV preparation, interview techniques, and other relevant skills.
- **Career Preparedness:** Demonstrate readiness to assume professional roles in the academy, the museum, and related institutions via conference and workshop presentations, publications, graduate certificates, and other relevant professional activities.
- **Engagement:** Demonstrate knowledge, ethics, and skills to produce and disseminate scholarship representing diverse perspectives in a responsible and equitable manner.
- **Engagement:** Demonstrate ability to convey the relevance of art and architectural works, histories, and methods (e.g., critical visual analysis) to diverse publics, within and beyond academia.

### Master of Arts Requirements

Candidates for the MA degree must complete 45 credits in courses approved by the student's advisor, as well as satisfy the general requirements of the Division of Graduate Studies for residence. Of the 45 credits, a minimum of 36 must be graduate credits in research-based courses, taken for a letter grade.

1. Thesis (ARH 503) or a terminal project, 9 credits
2. **Graduate Seminar Requirements and First-Year Seminar Series.** Of the 36 graduate credits required, 16 must be in graduate seminars, including 4 credits in Graduate Studies in Art History (ARH 611), 8 credits in Seminar: [Topic] (ARH 607), and at least 4 credits (excluding ARH 611) in a course or courses led by your primary advisor
3. **Electives.** A minimum of 12 credits of elective courses; a maximum of 8 credits may be taken outside of the department with an advisor's permission
4. **Distribution Requirement.** Students must undertake course work in three of four historic areas: prehistoric-ancient, medieval, early modern, and modern-contemporary. Students may petition to apply a thematic or non-period-specific course toward the distribution requirement by demonstrating substantial work in the appropriate area. While it is not a requirement, students are strongly recommended to pursue both Western and non-Western courses to fulfill their distribution and elective requirements
5. **Foreign Language Requirement.** The department requires that MA degree candidates demonstrate reading proficiency in at least one foreign language. The chosen language must be approved by the student's advisor and should be relevant to the student's scholarly interests. Language proficiency is typically demonstrated in one of several ways:

- by passing a written language exam given by the department;
- by providing an official transcript from the University of Oregon or elsewhere that shows satisfactory completion of the second or third year of the language, as determined by the student's primary advisor;
- by presenting evidence of having achieved equivalent results on a standardized foreign-language placement test.

The foreign language requirement may be waived for a student who has completed a high school or higher degree that employed the target language as the primary language of instruction. Students who expect to pursue a PhD should also acquire a research capability in additional languages, as appropriate to the student's area of study, as soon as possible in their academic program.

Additional information regarding the MA is available from the Department of the History of Art and Architecture office or on the website.

### Art History Minor

Art History minors explore world history, culture, and society through art and architecture. Students and faculty maintain deep connections

with the university's broad research community through long-standing collaborations with the museums and research units across campus. Through object-based learning, we celebrate cultural differences and the colorful spectrum of human creativity and expression. Become a true global citizen as you develop skills in appreciating visual and material culture.

Minors must take art history courses for letter grades and pass them with a C– or better.

## Minor Requirements

Three lower-division and four upper-division art history courses (totaling 26 credits minimum) are required to complete the minor. At least 20 credits must be completed in residence at the University of Oregon (nontransfer courses), and all art and architectural history courses (subject code ARH) required for the minor must be passed with letter grades of C– or better.

Lower-division courses include any 100- or 200-level ARH courses as well as History of World Architecture I (ARH 314) and History of World Architecture II (ARH 315). Upper-division courses include any 300- or 400-level ARH courses (with the exception of ARH 314 and 315).

## Art History (PhD)

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Disciplinary Knowledge:** Demonstrate mastery of the principal works, texts, methods, discussions and problems in a chosen field or fields of study within art and/or architectural history.
- **Disciplinary Knowledge:** Demonstrate ability to analyze and critique discourse in a chosen field or fields of study within art and/or architectural history.
- **Disciplinary Knowledge:** Demonstrate proficiency in at least one language beyond English, selected to facilitate advanced research and analysis in a chosen field or fields of study.
- **Disciplinary Knowledge:** Demonstrate ability to develop and realize a comprehensive program of independent research as a means of establishing oneself as a part of a professional community.
- **Career Preparedness:** Demonstrate awareness of relevant career options, job search networks, cover letter and CV preparation, interview techniques, and other relevant skills.
- **Career Preparedness:** Demonstrate readiness to assume professional roles in the academy, the museum, and related institutions via conference and workshop presentations, publications, graduate certificates, and other relevant professional activities.
- **Engagement:** Demonstrate knowledge, ethics, and skills to produce and disseminate scholarship representing diverse perspectives in a responsible and equitable manner.
- **Engagement:** Demonstrate ability to convey the relevance of art and architectural works, histories, and methods (e.g., critical visual analysis) to diverse publics, within and beyond academia.

### Doctor of Philosophy Requirements

To fulfill the requirements for the PhD, students are expected to take a total of 72 credits, selected in consultation with the student's advisor. Of the 72 credits, at least 36 credits must be in ARH courses and taken for

a letter grade. Of the 36 graduate credits required, a minimum of 12 must be in graduate seminars (600 level), including Graduate Studies in Art History (ARH 611). Students are required to complete all required course work before taking their field exams. A maximum of 4 credits of ARH 601 Research: [Topic] or Special Problems: [Topic] (ARH 605) can be applied to the 20 credits in the student's major and minor fields, if those credits are taken with the major or minor field examiner and if they are taken for a letter grade.

Students are expected to declare a major field of study by spring term of their first year. Students are required to take a minimum of 12 credits in their major field and at least 8 credits in their minor field at the graduate level (500 or 600 level) prior to taking their field exams.

Students entering the PhD program with an MA in hand may petition to waive some course work requirements to more quickly progress through the program. University policy specifies that at least one full-time academic year—the residency year—must be completed following admission into the doctoral program. During this year of residency, the student is expected to make progress toward the degree by completing course credits and satisfying doctoral degree requirements. The residency year consists of three consecutive terms of full-time UO course work toward the degree, with a minimum of 9 completed graduate credits a term. Courses in Research: [Topic] (ARH 601), Special Problems: [Topic] (ARH 605), and other individualized study options may be a part of the 9 credits, but the majority of the year of residency is expected to consist of regular graduate course work.

### Foreign Language Requirement

Students should acquire a research capability in two foreign languages appropriate to the student's area of study as soon as possible in their academic program, unless otherwise approved by the student's advisor.

### Advancement to Candidacy

Students are required to complete all required course work before taking their field exams. Students are officially advanced to candidacy in the PhD program upon completion of two written field exams: one in a major field in art and architectural history and one in a minor field in art and architectural history or another discipline with departmental approval. The department offers field examinations in the following categories:

- Greek
- Roman
- Latin American
- North American
- Medieval
- Modern
- Contemporary
- Chinese
- Japanese

Additional information regarding the PhD is available from the Department of the History of Art and Architecture office or on the website.

## Museum Studies Graduate Certificate

**Akiko Walley, Certificate Director**  
gcms@uoregon.edu



The Graduate Certificate in Museum Studies (GCMS) is a transdisciplinary program open to UO graduate students interested in pursuing a career in a museum or in any profession that involves exhibition or curation. It addresses the demand for a deeper understanding of the guiding principles behind a museum's mission and its practical day-to-day operations.

Today, the practice of exhibiting is not just the purview of art and cultural museums. Exhibition history and practice is integral to museums of science, medicine, natural history, ethnography, theater, and music as well as institutions such as zoos, aquariums, art galleries, botanical gardens, and libraries.

Housed in the College of Design, the GCMS collaborates with departments, programs, and museum professionals across campus to provide foundational theoretical and practical training in the museum field, while allowing students the freedom to explore museum operations from a variety of perspectives.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Identify and explain the guiding principles of museum operations.
- Engage in theoretical and practical training relevant to museum careers.
- Apply their theoretical and practical training to first-hand experience in museum operations through an internship.

### Graduate Certificate in Museum Studies

The Graduate Certificate in Museum Studies is a transdisciplinary program open to graduate students enrolled in any graduate program at the University of Oregon. The curriculum is designed to provide both scholarly engagement with issues related to museums and an introduction to the specialized skills pertinent to museum professionals. Students must complete a minimum of 24 credits in approved courses.

Among the minimum 24 credits, 4 credits must come from the core course, ARH540 (Museology), and 3 credits from DSGN604 (Internship). The remaining 17 credits are devoted to Electives. You may count up to 12 credits of relevant courses offered through your home department/program toward both the certificate and your major requirements.

The certificate requires a minimum of 17 Elective credits. Elective courses provide students the opportunity to explore issues surrounding museums today and to familiarize themselves with skill sets expected of the specific museum careers they are interested in. Students may choose courses from any of the preapproved elective courses, or may petition to the certificate director to substitute other courses when they are germane to their specific interests.

**Interdisciplinary Requirement:** You must take at least 5 credits of elective courses offered through a department or program outside of your home department/program.

**Distribution requirements:** The elective courses must fulfill the following two distribution requirements:

1. **Topics in Museum Studies (at least one course):** A topics-based course involves historical, theoretical, or philosophical exploration of issues surrounding museums, for instance a course on museum ethics (PPPM 571 Cultural Policy, for instance).

2. **Practice/Methods in Museum Studies (at least one course):** A practice/methods-based course deals with practical knowledge of and skills in museum operations, for instance a course on connoisseurship, exhibition planning or educational programming (ARH 510 Inside Museum Exhibition, for instance).

## New Media and Culture Graduate Certificate

The New Media & Culture Certificate for graduate students blends scholarly research on new media topics with hands-on experience creating new media content and using digital research tools. In conjunction with the multitude of creative opportunities made available by existing degree programs across campus, the certificate can be completed through courses spanning the criticism, history, aesthetics, and production of new media technologies.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Frame their own research projects through the lens of prominent theoretical analytics for the study of new media in its social, cultural, and technical contexts.
- Describe the specificities of the methodological approaches undergirding their own research projects.
- Compare the methodological approaches they take for the study of new media and/or legacy media with other possible methodological approaches.
- Situate their own new media research within a broader landscape of topics, themes, debates, and research programs in new media and culture.
- Specify the particular topical commitments and thematic threads informing their own research work concerning new media and/or legacy media.

## Certificate in New Media and Culture

This multidisciplinary program offers exposure to an array of approaches to the study of contemporary new media topics such as social media, digital surveillance, gaming culture, and the social significance of data analytics through review of the history, theory, criticism, aesthetics, and production of new media technologies. Students blend scholarly research on new media topics with practical experience creating content using digital research tools.

The certificate program is open to graduate students in any UO department or program. Requirements include completion of six graduate-level, new media-related courses, five of which are electives chosen from a flexible menu of offerings across campus, designed to fit seamlessly into students' course requirements for their home department. For more information, including course offerings for the coming year, visit the certificate website. (<http://newmediaculture.uoregon.edu/>)

## Planning, Public Policy and Management

**Renee A. Irvin, PhD, School Director**  
541-346-3635  
147A Hendricks Hall

1209 University of Oregon  
Eugene, Oregon 97403-1209

The School of Planning, Public Policy and Management is nationally known for academic rigor, intellectual leadership, innovative and applied instruction, and its inclusive and equitable climate. The school's faculty and administrative staff members are dedicated to

- core curricula and specialized courses that craft solutions to address inequity
- diversity in the composition of faculty, students, and professionals
- an environment that is open and welcoming, striving in particular to be inclusive to those traditionally marginalized in society
- informed theory and empirical evidence
- engaging the civic community -- public, private, and nonprofit -- in democratic processes addressing economic, environmental, and social issues
- seeking innovative ideas and approaches from around the world and testing their transferability from one area of the globe to another
- ecological, social, and economic sustainability

## Faculty

Lisa Abia-Smith, senior instructor (art and special populations, art and museum education, arts in health care); director, educational outreach, Jordan Schnitzer Museum of Art. BA, 1989, St. Mary's College of California; MA, 1992, John F. Kennedy. (1997)

John Arroyo, assistant professor (urban studies, community development, inclusive urbanism). BA, 2002, Southern California; MCP, 2010, Cornell; PhD, 2018, Massachusetts Institute of Technology. (2018)

Anne Brown, assistant professor (transportation planning, mobility). BA, 2010, Macalester; MURP, 2014, California, Los Angeles. (2018)

Robert J. Choquette, senior instructor (strategic planning, project management); graduate programs coordinator. BS, 1982, MUP, 1991, Oregon. (1991)

Ben Clark, associate professor (public management, crowdsourcing, local government management). BA, 1999, Indiana, Bloomington; MPA, 2000, Syracuse; PhD, 2009, Georgia. (2016)

Renee A. Irvin, associate professor (nonprofit and philanthropic sector economics, wealth policy). BA, 1984, Oregon; MA, 1991, PhD, 1998, Washington (Seattle). (2001)

Patricia Lambert, professor (performing arts, cultural policy). BM, 1990, Indiana; MA, 1997, Webster; MAS, 1998, International Center for Culture and Management; PhD, 2004, Ohio State. (2003)

Laura Leete, associate professor (poverty and social policy, work-force policy, nonprofit economics). BA, 1982, California, Berkeley; MA, 1988, PhD, 1992, Harvard. (2007)

Rebecca C. Lewis, associate professor (land-use policy, sustainable development, state and local finance). BA, 2006, Kentucky; MPP, 2008, PhD, 2011, Maryland, College Park. (2013)

Richard D. Margerum, professor (environmental planning and management, planning processes, conflict management). BA, 1987, Wittenberg; MCP, 1989, Cincinnati; MS, 1992, PhD, 1995, Wisconsin, Madison. (2001)

Dyana Mason, associate professor (nonprofit management, charitable giving, public management). BA, 1993, Southern California; MBA, 2010, William and Mary; PhD, 2014, Southern California. (2014)

Jessica Matthiesen, senior instructor (nonprofit management, program development, public service); director, undergraduate program and internship. BS, 1997, MPA, 2009, Oregon. (2012)

José Meléndez, assistant professor (civic engagement, designing participatory processes, Latino immigrants). BA, 2001, Oberlin; MEd, 2009; PhD, 2016, Illinois, Chicago. (2018)

Nicole S. Ngo, associate professor (health economics, environmental policy, urban sustainability). BA, BS, 2006, California, Irvine; MA, 2010, PhD, 2013, Columbia. (2013)

Eleonora Redaelli, associate professor. Laurea, 1997, Università degli Studi di Milano; DMA, 2000, Conservatorio di Musica Giuseppe Verdi; PhD, 2008, Ohio State. (2014)

Gerard Sandoval, professor (economic and community development, urban revitalization, immigrant neighborhoods). BS, 2000, California, Davis; MCP, 2002, PhD, 2007, California, Berkeley. (2010)

Marc Schlossberg, professor (geographic information systems, social planning, transportation planning). BBA, 1987, Texas, Austin; MUP, 1995, San Jose State; PhD, 2001, Michigan. (2001)

Julie Voelker-Morris, senior instructor. BA, 1996, Augustana College; MS, 2002, Oregon. (2014)

Yizhao Yang, associate professor (environmental planning, sustainable living design and analysis, geographic information systems). BArch, 1995, Tianjin; MS, 1998, Tsinghua; MRP, 2001, PhD, 2007, Cornell. (2006)

## Courtesy

Donald G. Holtgrieve, adjunct assistant professor (local government planning). See **Geography**.

Cassandra Moseley, courtesy assistant professor (natural resource policy, community-based conservation). BA, 1990, Cornell; MA, 1993, MPhil, 1994, PhD, 1999, Yale. (2002)

## Emeriti

Doug Blandy, professor emeritus (art and community service, art and special populations). BS, 1974, Ohio; MA, 1979, PhD, 1983, Ohio State. (1987)

Gaylene Carpenter, associate professor emerita. BA, 1965, MS, 1973, California State, Long Beach; EdD, 1980, Temple. (1983)

Rogena M. Degge, professor emerita. BA, 1964, Fresno State; MS, 1972, PhD, 1975, Oregon. (1979)

Bryan T. Downes, professor emeritus. BS, 1962, MS, 1963, Oregon; PhD, 1966, Washington (St. Louis). (1976)

Linda F. Ettinger, associate professor emerita. BFA, Southwest Missouri State; MS, 1973, Illinois State; PhD, 1983, Oregon. (1982)

Maradel K. Gale, associate professor emerita. BA, 1961, Washington State; MA, 1967, Michigan State; JD, 1974, Oregon. (1974)

Judith H. Hibbard, professor emerita. BS, 1974, California State, Northridge; MPH, 1975, California, Los Angeles; DrPH, 1982, California, Berkeley. (1982)

Michael Hibbard, professor emeritus. BS, 1968, California Polytechnic; MSW, 1971, San Diego State; PhD, 1980, California, Los Angeles. (1980)

Carl J. Hosticka, associate professor emeritus. BA, 1965, Brown; PhD, 1976, Massachusetts Institute of Technology. (1977)

Beverly J. Jones, associate professor emerita. BS, 1967, Oregon College of Education; MS, 1976, PhD, 1977, Oregon. (1977)

David C. Povey, professor emeritus. BS, 1963, Lewis and Clark; MUP, 1969, PhD, 1972, Cornell. (1973)

Jean Stockard, professor emerita. BA, 1969, MA, 1972, PhD, 1974, Oregon. (1974)

Kenneth C. Tollenaar, director emeritus. BA, 1950, Reed; MA, 1953, Minnesota. (1966)

Edward C. Weeks, associate professor emeritus. BA, 1973, PhD, 1978, California, Irvine. (1978)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

Participating

- Nico Larco, architecture
- Robert G. Ribe, landscape architecture
- Anita M. Weiss, international studies

Major - Bachelor's Degree

- Planning, Public Policy and Management (BA/BS) (p. 490)

Minors

- Nonprofit Administration (p. 493)
- Planning, Public Policy and Management (p. 493)

Undergraduate Studies

The undergraduate program provides an interdisciplinary liberal arts education that prepares students for work in the fields of planning, policy, and public and nonprofit administration. Through coursework that integrates theory and practice, the curriculum focuses on the ways governments, nonprofit organizations, and other institutions solve public problems. Students explore the economic, social, and environmental characteristics of communities and systems of governance to determine effective ways to advance the public's goals. The practical, solutions-based curriculum helps students develop knowledge and skills pertaining to core issues related to planning, public policy, public administration, and nonprofit administration, as well as more in-depth knowledge in a chosen field of interest. Academic coursework and learning opportunities such as internships and applied courses create a hands-on educational climate that is both exciting and challenging.

Majors - Master's Degree

- Community and Regional Planning (MCRP) (p. 494)
- Nonprofit Management (MNM) (p. 496)
- Public Administration (MPA) (p. 499)

Major - Doctoral Degree

- Planning and Public Affairs (PhD) (p. 500)

Certificate

- Nonprofit Management (p. 501)

Planning, Public Policy and Management (BA/BS)

What do sustainable city planning, community change, food security, transportation planning, and nonprofit administration have in common? All are rooted in making a difference in our communities, states, and countries. Choose to study in the School of Planning, Public Policy and Management (PPPM) and you'll discover how governments, nonprofit organizations, and private-sector firms address some of the most important problems facing society—and how you can play a key role in finding innovative solutions.

As a PPPM major you'll gain a thorough grounding in the principles of civic responsibility, environmental sustainability, and international understanding. Experiential learning, evidence-based decision-making, and interdisciplinary study will be at the core of your PPPM curriculum. You'll learn from and work with faculty members who are internationally recognized scholars with a wide range of training and research interests. Your courses will focus on concepts and skills and explore how to implement them within communities, organizations, and governments.

Program's Admission Requirements

Please visit the program's website (<https://pppm.uoregon.edu/apply/ba-bs/>).

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Synthesize core principles and policies guiding nonprofit and public organizations.
- Engage in evidence-based dialogue about urgent social, environmental, and economic issues.
- Apply learned skills to professional-level planning, nonprofit, and public policy projects by participating in courses that work on real-world issues with community partners.
- Build high-demand skills that public sector and nonprofit employers are seeking.
- Utilize professional development tools, like cover letter and resume writing or internship experience, to support their career interests in public service.

Planning, Public Policy and Management Major Requirements

| Code                      | Title                         | Credits |
|---------------------------|-------------------------------|---------|
| Core Courses <sup>1</sup> |                               |         |
| PPPM 201                  | Introduction to Public Policy | 4       |

|                             |                                           |           |
|-----------------------------|-------------------------------------------|-----------|
| PPPM 205                    | Introduction to City Planning             | 4         |
| PPPM 280                    | Introduction to the Nonprofit Sector      | 4         |
| PPPM 413                    | Quantitative Methods                      | 4         |
| PPPM 415                    | Policy and Planning Analysis <sup>2</sup> | 4         |
| PPPM 434                    | Urban Geographic Information Systems      | 4         |
| PPPM 494                    | Practice of Leadership and Change         | 4         |
| <b>Field of Interest</b>    |                                           |           |
| PPPM electives <sup>3</sup> |                                           | 32        |
| <b>Total Credits</b>        |                                           | <b>60</b> |

<sup>1</sup> PPPM majors must take core courses for letter grades and pass them with grades of C– or better.

<sup>2</sup> EC 201 is a prerequisite for PPPM 415.

<sup>3</sup> Up to 12 credits of Internship: [Topic] (PPPM 404) may count toward fulfilling this requirement. A maximum of 4 credits of lower-division courses may count toward fulfilling this requirement. All additional electives must be upper division.

Students should expect extensive writing, analysis, and collaborative projects as part of their education in PPPM. For more information, contact an academic advisor in the College of Design.

## Fields of Interest

Students are encouraged to work with a College of Design academic advisor to identify electives in one or more fields of interest.

Fields of interest may include the following:

- arts and cultural leadership
- environment and sustainability
- equity and social justice
- global sustainability and development
- nonprofit administration
- public leadership and management
- social and health policy
- urban planning and development

## Internship

Internships are optional but highly recommended for all PPPM students as a way to explore and clarify their interests and career goals, apply academic learning, develop new skills, and network with professionals. These career-building experiences help prepare students for fellowships, professional positions, or further academic study. Students interested in the PPPM Internship Program should enroll in PPPM 412 Internship and Professional Development and meet with the PPPM Undergraduate Internship Director. More information is on the School website (<https://pppm.uoregon.edu/undergrad/ba-bs/#internships>).

## Thesis and Honors Program

Students may pursue an undergraduate thesis in PPPM if they are accepted in the honors program (<https://pppm.uoregon.edu/undergrad/ba-bs/#thesis-honors>), or if they are enrolled in the Clark Honors College. Students may not pursue the thesis option without prior approval; interested students should contact the PPPM Undergraduate Program Director by the end of their sophomore year for more information. Students must have a 3.75 GPA to be considered for the honors program; a thesis is required.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

## Bachelor of Arts in Planning, Public Policy and Management

| Course                                                     | Title          | Credits              | Milestones |
|------------------------------------------------------------|----------------|----------------------|------------|
| <b>First Year</b>                                          |                |                      |            |
| <b>Fall</b>                                                |                |                      |            |
| WR 121Z                                                    | Composition I  | 4                    |            |
| First term of first-year second-language sequence          |                | 4                    |            |
| General-education arts and letters group-satisfying course |                | 4                    |            |
| Multicultural course                                       |                | 4                    |            |
| Must Maintain 3.00 GPA for admission into PPPM major       |                |                      |            |
|                                                            |                | <b>Credits</b>       | <b>16</b>  |
| <b>Winter</b>                                              |                |                      |            |
| WR 122Z                                                    | Composition II | 4                    |            |
| Second term of first-year second-language sequence         |                | 4                    |            |
| General-education arts and letters group-satisfying course |                | 4                    |            |
| Multicultural course                                       |                | 4                    |            |
|                                                            |                | <b>Credits</b>       | <b>16</b>  |
| <b>Spring</b>                                              |                |                      |            |
| Third term of first-year second-language sequence          |                | 4                    |            |
| General-education arts and letters group-satisfying course |                | 4                    |            |
| General-education social science group-satisfying course   |                | 4                    |            |
| General-education science group-satisfying course          |                | 4                    |            |
|                                                            |                | <b>Credits</b>       | <b>16</b>  |
|                                                            |                | <b>Total Credits</b> | <b>48</b>  |

| Course                                             | Title                                             | Credits        | Milestones                                           |
|----------------------------------------------------|---------------------------------------------------|----------------|------------------------------------------------------|
| <b>Second Year</b>                                 |                                                   |                |                                                      |
| <b>Fall</b>                                        |                                                   |                |                                                      |
| PPPM 280                                           | Introduction to the Nonprofit Sector              | 4              |                                                      |
| EC 201                                             | Introduction to Economic Analysis: Microeconomics | 4              |                                                      |
| First term of second-year second language sequence |                                                   | 4              |                                                      |
|                                                    |                                                   |                | Gain experience in paid or volunteer public service. |
| General-education science group-satisfying course  |                                                   | 4              |                                                      |
|                                                    |                                                   | <b>Credits</b> | <b>16</b>                                            |
| <b>Winter</b>                                      |                                                   |                |                                                      |
| PPPM 201                                           | Introduction to Public Policy                     | 4              |                                                      |

|                                                            |                                                      |           |
|------------------------------------------------------------|------------------------------------------------------|-----------|
| Second term of second-year second-language sequence        | Gain experience in paid or volunteer public service. | 4         |
| General education social science group-satisfying course   |                                                      | 4         |
| General education science group-satisfying course          |                                                      | 4         |
| <b>Credits</b>                                             |                                                      | <b>16</b> |
| <b>Spring</b>                                              |                                                      |           |
| PPPM 205                                                   | Introduction to City Planning                        | 4         |
| Third term of second-year second-language sequence         | Gain experience in paid or volunteer public service. | 4         |
| General-education science group-satisfying course          |                                                      | 4         |
| General-education arts and letters group-satisfying course |                                                      | 4         |
| <b>Credits</b>                                             |                                                      | <b>16</b> |
| <b>Total Credits</b>                                       |                                                      | <b>48</b> |

| Course                | Title                                | Credits   | Milestones |
|-----------------------|--------------------------------------|-----------|------------|
| <b>Third Year</b>     |                                      |           |            |
| <b>Fall</b>           |                                      |           |            |
| PPPM 413              | Quantitative Methods                 | 4         |            |
| PPPM elective courses |                                      | 8         |            |
| Elective course       |                                      | 4         |            |
| <b>Credits</b>        |                                      | <b>16</b> |            |
| <b>Winter</b>         |                                      |           |            |
| PPPM 415              | Policy and Planning Analysis         | 4         |            |
| PPPM 434              | Urban Geographic Information Systems | 4         |            |
| PPPM elective course  |                                      | 4         |            |
| Elective course       |                                      | 4         |            |
| <b>Credits</b>        |                                      | <b>16</b> |            |
| <b>Spring</b>         |                                      |           |            |
| PPPM elective courses |                                      | 8         |            |
| Elective courses      |                                      | 8         |            |
| <b>Credits</b>        |                                      | <b>16</b> |            |
| <b>Total Credits</b>  |                                      | <b>48</b> |            |
| Course                | Title                                | Credits   | Milestones |
| <b>Fourth Year</b>    |                                      |           |            |
| <b>Fall</b>           |                                      |           |            |
| PPPM 494              | Practice of Leadership and Change    | 4         |            |
| PPPM elective course  |                                      | 4         |            |
| Elective course       |                                      | 4         |            |
| <b>Credits</b>        |                                      | <b>12</b> |            |
| <b>Winter</b>         |                                      |           |            |
| PPPM elective course  |                                      | 4         |            |
| Elective courses      |                                      | 8         |            |
| <b>Credits</b>        |                                      | <b>12</b> |            |

|                      |           |
|----------------------|-----------|
| <b>Spring</b>        |           |
| PPPM elective course | 4         |
| Elective courses     | 8         |
| <b>Credits</b>       | <b>12</b> |
| <b>Total Credits</b> | <b>36</b> |

Bachelor of Science in Planning, Public Policy and Management

| Course                                                     | Title          | Credits   | Milestones |
|------------------------------------------------------------|----------------|-----------|------------|
| <b>First Year</b>                                          |                |           |            |
| <b>Fall</b>                                                |                |           |            |
| WR 121Z                                                    | Composition I  | 4         |            |
| Mathematics course                                         |                | 4         |            |
| General-education arts and letters group-satisfying course |                | 4         |            |
| Multicultural course in international cultures             |                | 4         |            |
| <b>Credits</b>                                             |                | <b>16</b> |            |
| <b>Winter</b>                                              |                |           |            |
| WR 122Z                                                    | Composition II | 4         |            |
| Mathematics course                                         |                | 4         |            |
| General-education arts and letters group-satisfying course |                | 4         |            |
| Multicultural course in American cultures                  |                | 4         |            |
| <b>Credits</b>                                             |                | <b>16</b> |            |

|                                                            |           |
|------------------------------------------------------------|-----------|
| <b>Spring</b>                                              |           |
| Mathematics course                                         | 4         |
| General education arts and letters group-satisfying course | 4         |
| General-education social science group-satisfying course   | 4         |
| General-education science group-satisfying course          | 4         |
| <b>Credits</b>                                             | <b>16</b> |
| <b>Total Credits</b>                                       | <b>48</b> |

| Course                                                     | Title                                             | Credits   | Milestones |
|------------------------------------------------------------|---------------------------------------------------|-----------|------------|
| <b>Second Year</b>                                         |                                                   |           |            |
| <b>Fall</b>                                                |                                                   |           |            |
| PPPM 280                                                   | Introduction to the Nonprofit Sector              | 4         |            |
| General-education arts and letters group-satisfying course |                                                   | 4         |            |
| EC 201                                                     | Introduction to Economic Analysis: Microeconomics | 4         |            |
| General-education science group-satisfying course          |                                                   | 4         |            |
| <b>Credits</b>                                             |                                                   | <b>16</b> |            |

| Winter                                                   |                                                      |   |
|----------------------------------------------------------|------------------------------------------------------|---|
| PPPM 201                                                 | Introduction to Public Policy                        | 4 |
| Elective course                                          | Gain experience in paid or volunteer public service. | 4 |
| General-education social science group-satisfying course |                                                      | 4 |



|                                                      |           |
|------------------------------------------------------|-----------|
| General-education science group-satisfying course    | 4         |
| <b>Credits</b>                                       | <b>16</b> |
| <b>Spring</b>                                        |           |
| PPPM 205 Introduction to City Planning               | 4         |
| Elective courses                                     | 8         |
| Gain experience in paid or volunteer public service. |           |
| General-education science group-satisfying course    | 4         |
| <b>Credits</b>                                       | <b>16</b> |
| <b>Total Credits</b>                                 | <b>48</b> |

| Course                | Title                                | Credits   | Milestones |
|-----------------------|--------------------------------------|-----------|------------|
| <b>Third Year</b>     |                                      |           |            |
| <b>Fall</b>           |                                      |           |            |
| PPPM 413              | Quantitative Methods                 | 4         |            |
| PPPM elective courses |                                      | 8         |            |
| Elective course       |                                      | 4         |            |
| <b>Credits</b>        |                                      | <b>16</b> |            |
| <b>Winter</b>         |                                      |           |            |
| PPPM 415              | Policy and Planning Analysis         | 4         |            |
| PPPM 434              | Urban Geographic Information Systems | 4         |            |
| PPPM elective course  |                                      | 4         |            |
| Elective course       |                                      | 4         |            |
| <b>Credits</b>        |                                      | <b>16</b> |            |
| <b>Spring</b>         |                                      |           |            |
| PPPM elective courses |                                      | 8         |            |
| Elective courses      |                                      | 8         |            |
| <b>Credits</b>        |                                      | <b>16</b> |            |
| <b>Total Credits</b>  |                                      | <b>48</b> |            |
| <b>Fourth Year</b>    |                                      |           |            |
| <b>Fall</b>           |                                      |           |            |
| PPPM 494              | Practice of Leadership and Change    | 4         |            |
| PPPM elective course  |                                      | 4         |            |
| Elective course       |                                      | 4         |            |
| <b>Credits</b>        |                                      | <b>12</b> |            |
| <b>Winter</b>         |                                      |           |            |
| PPPM elective course  |                                      | 4         |            |
| Elective courses      |                                      | 8         |            |
| <b>Credits</b>        |                                      | <b>12</b> |            |
| <b>Spring</b>         |                                      |           |            |
| PPPM elective course  |                                      | 4         |            |
| Elective courses      |                                      | 8         |            |
| <b>Credits</b>        |                                      | <b>12</b> |            |
| <b>Total Credits</b>  |                                      | <b>36</b> |            |

## Planning, Public Policy and Management Minor

Regardless of your major, a minor in Planning, Public Policy and Management (PPPM) will allow you to expand your learning experience by getting an overview of public sector issues and developing your professional skills.

Through the Planning, Public Policy and Management Minor, you can enhance your undergraduate education to include preparation for a variety of professional occupations and areas of graduate study. In the PPPM minor, you are introduced to a broad overview of issues in urban and regional planning, public policy and public management, and nonprofit management.

Through your selection of elective courses, you can choose to focus on a field of interest ranging from social and health policy to land use planning to public management.

## Planning, Public Policy and Management Minor

The planning, public policy and management minor complements majors in the humanities or social sciences, including anthropology, geography, political science and economics. It provides a professional context in which to apply the knowledge, theories, and methods of the student's major discipline. Students pursuing the minor are introduced to a broad overview of issues in urban and regional planning, public policy and public management, and nonprofit administration. The minor enhances any student's undergraduate education with preparation for a variety of professional occupations and graduate study.

Students may declare the minor in planning, public policy and management at any time by completing a Qualtrics form available on the PPPM website.

| Code                        | Title                                             | Credits   |
|-----------------------------|---------------------------------------------------|-----------|
| PPPM 201                    | Introduction to Public Policy <sup>1</sup>        | 4         |
| PPPM 205                    | Introduction to City Planning <sup>1</sup>        | 4         |
| PPPM 280                    | Introduction to the Nonprofit Sector <sup>1</sup> | 4         |
| PPPM 415                    | Policy and Planning Analysis <sup>1, 2</sup>      | 4         |
| PPPM electives <sup>3</sup> |                                                   | 12        |
| <b>Total Credits</b>        |                                                   | <b>28</b> |

<sup>1</sup> Must be taken for letter grades and passed with grades of C– or better.

<sup>2</sup> EC 201 is a prerequisite for PPPM 415.

<sup>3</sup> Up to 8 credits of Internship: [Topic] (PPPM 404) may be used toward fulfilling this requirement. A maximum of 4 credits of lower-division courses may count toward fulfilling this requirement. All additional electives must be upper division.

## Nonprofit Administration Minor

The School of Planning, Public Policy and Management offers a minor to students interested in a career in the nonprofit sector. Through the minor, you can enhance your undergraduate education to include preparation for occupations and graduate study in nonprofit administration. Nonprofit organizations comprise one of the fastest growing employment sectors

in the country, creating a high demand for graduates with tailored knowledge and skills to work for these diverse and exciting entities.

The UO has one of the most comprehensive undergraduate nonprofit programs in the world. With a nonprofit administration (NPA) minor, you'll gain unique skills and insights through applied coursework and hands-on projects with local professionals and nonprofit organizations. The NPA minor will help you gain a thorough understanding of current nonprofit issues and trends and develop sector-specific skills—one of the reasons NPA graduates rise rapidly to fill positions in their organizations' ranks.

Nonprofit Administration Minor

The School of Planning, Public Policy and Management offers a minor of special value to students interested in a career in the nonprofit sector. Through the minor, students can enhance their undergraduate education to include preparation for occupations and graduate study in nonprofit administration. The nonprofit sector is one of the fastest-growing employment sectors in the country, creating a high demand for graduates with specialized skills to work for these diverse and exciting organizations.

Students may declare the minor in nonprofit administration at any time by completing a Qualtrics form available on the PPPM website. Core courses must be taken for letter grades and passed with grades of C– or better, unless offered pass/no pass only.

| Code                                  | Title                                     | Credits |
|---------------------------------------|-------------------------------------------|---------|
| PPPM 280                              | Introduction to the Nonprofit Sector      | 4       |
| PPPM 422                              | Grant Proposal Writing                    | 1       |
| PPPM 480                              | Nonprofit Management                      | 4       |
| PPPM 481                              | Fundraising for Nonprofit Organizations   | 4       |
| PPPM 484                              | Public and Nonprofit Financial Management | 4       |
| Upper-division electives <sup>1</sup> |                                           | 8       |
| Total Credits                         |                                           | 25      |

<sup>1</sup> A list of approved elective courses is available on the PPPM website (<https://pppm.uoregon.edu/undergrad/minor-nonprofit-admin/>). Only pre-approved elective courses satisfy this requirement. See a College of Design academic advisor for more information.

Community and Regional Planning (MCRP)

The master of community and regional planning (MCRP) program trains policy-oriented planners for leadership positions in planning and planning-related organizations. The field of planning is concerned with rational and sensitive guidance of community and regional change. Planners are responsible for identifying and clarifying the nature and effect of planning problems, formulating potential solutions to these problems, and assisting in the implementation of alternative policies.

To realize these objectives, the planner must draw on the skills and insights of many professions and disciplines. The planner must have a basic understanding of the cultural, economic, social, political, and physical characteristics of a community.

Entering students should be prepared to become involved in and committed to resolving important social, economic, environmental, political, and cultural problems. Courses in and outside the school provide

students with an integrated understanding of planning, public policy, and public management as well as specific skills needed for a chosen professional area.

Oregon is an especially fruitful location in which to study planning. The state has an international reputation as a source of innovative approaches to addressing planning issues.

Students select a set of courses in consultation with their advisors that focus their elective work on an area of special interest. The program has exceptional strengths in sustainable cities and transportation, land use and built environment, access and equity (community development) and environmental planning. In addition, the school's strengths in nonprofit management, local government management, and budget and finance are of interest to many students in the field of planning.

The program has strong ties with other programs on campus. Students often pursue concurrent degrees in planning and environmental studies, landscape architecture, business, economics, geography, international studies, or public administration. See Concurrent Master's Degrees in this section.

Preparation

Students are strongly encouraged to complete a thorough social science undergraduate program including courses in economics, sociology, geography, and history. Work experience, particularly if related to planning, is valuable, as are writing and public speaking skills. Courses in the natural sciences, policy sciences, environmental design, or analytic methods are helpful as background for advanced graduate work in a concentration area of interest to the student.

Students must complete either an advanced undergraduate or a graduate-level introductory course in statistics as a pre- or corequisite to Planning Analysis I (PPPM 613). No credit toward the MCRP degree is allowed for the statistics course. The requirement is waived for students with equivalent courses or work experience. Entering students are urged to satisfy this requirement before enrolling in the program.

Students may file petitions to transfer up to 15 graduate credits taken prior to admission to the planning program. Such petitions must be submitted during the first term in the program.

Juniors and seniors who anticipate applying for admission are encouraged to seek advice at the school's office.

Careers

Graduates with an MCRP degree find employment in the public, private, and nonprofit sectors. Graduates work in the public sector at the local, state, regional and federal levels. In the private sector, graduates are typically employed by consulting firms, private developers, and other firms requiring research and analysis skills. Graduates are also employed by such nonprofit organizations as environmental and advocacy groups, community development organizations, and research firms. Positions span a broad variety of sectors including: land use, housing, social services, parks, transportation, economic development and natural resources.

Application Procedures

Importance is placed on the student's preference for and ability to undertake self-directed educational activity.

The admissions committee emphasizes the selection of candidates who present clear and specific reasons for choosing to pursue their graduate work in planning at the University of Oregon.

## Application Materials

Interested applicants begin the application process by creating an account at [https://gradweb.uoregon.edu/online\\_app/application/guidelines1.asp](https://gradweb.uoregon.edu/online_app/application/guidelines1.asp). The application process includes submission of each of the following components:

1. A résumé
2. A statement, prepared by the applicant, explaining why admission to the UO planning program is sought and what the applicant's expectations are from the field
3. At least three letters of recommendation from people familiar with the applicant's ability to pursue graduate-level studies in planning unofficial transcripts from all prior undergraduate and graduate institutions in your online application.
4. You must have official transcripts from all colleges or universities where you received a bachelor's degree and all subsequent degrees. Find more information at <https://gradschool.uoregon.edu/admissions/how-to-apply/transcripts> (<https://gradschool.uoregon.edu/admissions/how-to-apply/transcripts/>). Graduate Record Examinations (GRE) scores are optional. If submitted, they are considered along with other application materials.
5. Demonstration of English language proficiency. International students should visit <https://gradschool.uoregon.edu/admissions/how-to-apply/english-proficiency> to review the options to demonstrate proficiency.

Applications are accepted beginning September 15 for admission the following fall term. The deadline for receipt of the application to the program is February 1. Applicants are notified of admission decisions early in March. For more information, call or email the school.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Planning knowledge: Describe and explain the purpose and meaning of planning, planning theories, principles, and practices. Students should be able to synthesize planning knowledge for the purpose of evaluating and describing, explaining, and arguing for different approaches in their future professional practice.
- Application of planning knowledge: Select relevant theory and knowledge to inform planning practice and tailor the application to the appropriate context by working with external clients on real-world projects.
- Substantive knowledge: Illustrate substantive and technical expertise in a specific field of interest.
- Methods: Apply appropriate quantitative and qualitative research methods to collect, analyze, and interpret data relevant to planning, and use the information to make informed decisions and recommendations.
- Communication: Demonstrate ability to communicate with expert and non-expert audiences through written, oral, and graphic methods.
- Teamwork: Collaborate effectively with interdisciplinary teams in planning and implementation processes.
- Ethics: Analyze, reflect, and develop a personal code of ethics or values system related to the ethical principles of the planning profession (AICP Code of Ethics).

- Planning impact: Recognize and assess power structures within institutions and policies that intersect with planning. Develop and test strategies for changing these institutions and policies to lead to more socially, economically, and environmentally just outcomes.

## The Planning Curriculum

A total of 72 credits beyond the bachelor's degree is required for the MCRP degree. Core courses must be taken for letter grades, unless offered pass/no pass only.

Students are expected to enroll for six terms with an average course load of 12 credits a term. During the summer, students are encouraged to engage in planning work through external and internal internships. Students who have successfully completed the two-term Community Planning Workshop are eligible to apply for paid internships with the Institute for Policy Research and Engagement. Successful applicants will continue to provide support for planning projects across the state, gaining valuable experience and professional connections. Many students also pursue internships outside of PPPM (with governments, nonprofits and private planning firms). Internships are not required as part of curricular requirements for MCRP students.

## Master of Community and Regional Planning Requirements

| Code                                                  | Title                                               | Credits   |
|-------------------------------------------------------|-----------------------------------------------------|-----------|
| <b>CORE COURSES (35 credits)</b>                      |                                                     |           |
| PPPM 611                                              | Introduction to Planning Practice                   | 4         |
| PPPM 612                                              | Legal Issues in Planning                            | 4         |
| PPPM 613                                              | Planning Analysis I                                 | 5         |
| PPPM 616                                              | Planning Theory and Ethics                          | 4         |
| PPPM 617                                              | Human Settlements                                   | 4         |
| PPPM 620                                              | Planning and Management Research Skills             | 2         |
| <b>LAND USE REQUIREMENT (choose one):</b>             |                                                     | <b>4</b>  |
| PPPM 640                                              | Land Use Planning and Policy                        |           |
| PPPM 646                                              | Planning for Growth Management                      |           |
| <b>PUBLIC PARTICIPATION REQUIREMENT (choose one):</b> |                                                     | <b>4</b>  |
| PPPM 552                                              |                                                     |           |
| PPPM 548                                              | Collaboration                                       |           |
| PPPM 510                                              | Experimental Course: [Topic] (Community Organizing) |           |
| <b>GIS REQUIREMENT (choose one):</b>                  |                                                     | <b>4</b>  |
| PPPM 534                                              | Urban Geographic Information Systems                |           |
| PPPM 595                                              | Advanced Urban Geographic Information Systems       |           |
| <b>EXPERIENTIAL LEARNING (12 credits)</b>             |                                                     | <b>12</b> |
| PPPM 623                                              | Professional Development                            |           |
| PPPM 663                                              | Professional Development II                         |           |
| PPPM 625                                              | Community Planning Workshop                         |           |
| PPPM 626                                              | Community Planning Workshop                         |           |
| <b>FIELD OF INTEREST (25 credits)</b>                 |                                                     | <b>25</b> |
| <b>Total Credits</b>                                  |                                                     | <b>72</b> |

## Community Planning Workshop

A distinctive feature of the planning graduate curriculum is the Community Planning Workshop, an applied research and service program that is required for first-year students. Students work on six

month planning projects in small teams supervised by program faculty members and second year graduate students in planning. Clients have included federal, state, county, and local governments as well as nonprofit organizations.

Projects typically focus on issues of immediate environmental, social, and economic importance to the client group and the general public. Recent project topics include

- Citizen involvement in planning process
- Housing needs analysis
- Land-use planning
- Natural hazards mitigation
- Program evaluation
- Strategic plans for communities and regions
- Tourism and recreational development
- Watershed planning

Each year, first-year graduate students enrolled in Community Planning Workshop (PPPM 625) and Community Planning Workshop (PPPM 626) complete five to 10 planning projects. Final written reports, prepared by each student team, provide evidence of the students' expertise and ability to conduct planning research and to prepare and present high-quality professional reports. After completing Community Planning Workshop (PPPM 625) and Community Planning Workshop (PPPM 626), selected students may continue to engage in planning research projects for compensation. The popularity of the program with students—and with government and private-sector clients—has enabled the Community Planning Workshop to provide research support for five to 15 students a year.

Federal grants and support from a variety of state agencies have helped the Community Planning Workshop become one of the most successful community planning assistance programs in the nation. Projects have received numerous state and national awards.

## Nonprofit Management (MNM)

The master of nonprofit management (MNM) is a comprehensive professional degree that prepares students for executive leadership of nonprofit and philanthropic (grant-making) organizations.

Due to the astonishing growth of the nonprofit sector over the past 30 years in the U.S. and the equally rapid growth of nongovernmental organizations internationally, the sector has professionalized. Nonprofit employers now seek master's degree graduates with specialized training that will allow them to propel their organization forward.

This degree is distinct from a master of business administration and a master of public administration due to the nonprofit sector's unique funding and management structures. For example, multiple revenue streams require expertise in sources such as membership, capital campaigns, government contracts, grants, crowdfunding, and income from entrepreneurial ventures.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Synthesize foundational concepts and theories in nonprofit leadership and management: Students will learn and apply the leading theories and evidence-based best practices surrounding organization

management and governance to written assignments and in hands-on applied projects.

- Develop critical thinking skills to ethically manage, govern and lead nonprofit and philanthropic organizations: Through the use of discussions, current events, case studies and real-world examples, emerging leaders will develop the skills necessary to consider and critically analyze multiple perspectives and sources of information.
- Learn how to best develop and steward nonprofit financial and human resources: Through a series of courses focused on management, students will learn and apply skills necessary to fundraising, financial management, grant writing, working with under-served populations and volunteer management.
- Apply learned competencies to real-world organizational challenges: Students will develop professional expertise and demonstrate competence by partnering with local organizations throughout the program, including serving as a member of a board of directors, completing a capstone project with an organization, and engaging in other coursework on strategic planning, project management, philanthropy and grantmaking, grant writing, and an internship placement, among others.
- Articulate individual aspirations in nonprofit professional practice to address broader societal needs and outcomes: In PPPM students become change agents and problem solvers. Students have opportunities to comprehensively explore their personal and professional goals through coursework, internships, one-on-one advising with instructors and faculty leaders. The flexible curriculum also allows students to take electives across campus in various fields of interest important to them.

## Nonprofit Management

The master of nonprofit management (MNM) is a professional degree designed to train students to lead nonprofit organizations. Due to the growth of the nonprofit sector over the past three decades in the US and the growth of nongovernmental organizations internationally, the sector has professionalized. People currently working in the nonprofit sector and others seeking to switch to or enter the nonprofit sector now seek master's-level training to advance their careers, specializing specifically in the administration of nonprofit organizations.

Critical skills for nonprofit administration are common to all nonprofit fields, including handling financial management challenges and tax-exempt reporting structures, raising funds from individual donors and institutions, and managing a mission-oriented workforce.

## Unique Aspects of the Program

The program melds relevant best-practice elements from the business and government sectors with the management imperatives of the nonprofit and philanthropic sectors. Woven into the course work are opportunities to obtain practical experience at nonprofit organizations, so that participants in the program have significant administrative experience upon graduating. Examples include the review and consultation portion of the Fundraising for Nonprofit Organizations (PPPM 581) course, the nine-month board membership required for the Nonprofit Board Governance (PPPM 687) course, and the projects student teams complete for nonprofit organizations in the Nonprofit Consultancy (PPPM 688) course.

Students may combine the master of nonprofit management with another graduate degree from within the department or from other academic units across campus. In most cases, a student is able to obtain two master's

degrees within three years. The normal time to completion for the master of nonprofit management degree is six terms (two years).

## Application Procedures

To be eligible for the master of nonprofit management, an applicant must hold a bachelor's degree. The department strongly encourages applications from people of all backgrounds, and is dedicated to fostering a diverse academic environment.

Applications for admission are due February 1 for students entering the program in the following fall. In certain cases, students may be admitted at other times of the year. The online application requires the following (please follow the detailed checklist available on the department website):

- Official transcripts from undergraduate college or university, and from graduate study, if applicable
- GRE or GMAT scores (optional)
- TOEFL or IELTS scores for nonnative English speakers
- A personal statement, two to three pages in length, describing your motivation and preparation for entering or furthering a career in the nonprofit sector, and providing a hypothetical blueprint for the next twenty years of your career
- Comprehensive employment and education résumé
- Three recommendation letters, with one or more of the letters by a faculty member
- University of Oregon online graduate admission application

## Nonprofit Curriculum

After completion of the core curriculum (33 credits focusing on financial, management, and revenue-development skills), students complete an internship and 20 credits of concentration electives. Students complete a management-based capstone sequence that culminates in successful completion of a consulting project for a nonprofit organization. The two-year program takes 70 credits to complete.

## Master of Nonprofit Management Requirements

| Code                                                                              | Title                                                                 | Credits |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------|
| <b>CORE COURSES (31 credits)</b>                                                  |                                                                       |         |
| PPPM 522                                                                          | Grant Proposal Writing                                                | 1       |
| PPPM 581                                                                          | Fundraising for Nonprofit Organizations                               | 4       |
| PPPM 586                                                                          | Philanthropy and Grant Making                                         | 2       |
| PPPM 618                                                                          | Public Sector Theory                                                  | 4       |
| PPPM 620                                                                          | Planning and Management Research Skills                               | 2       |
| PPPM 623                                                                          | Professional Development                                              | 1       |
| PPPM 656                                                                          | Quantitative Methods                                                  | 5       |
| PPPM 680                                                                          | Managing Nonprofit Organizations                                      | 4       |
| PPPM 684                                                                          | Public and Nonprofit Financial Management                             | 4       |
| PPPM 686                                                                          | Nonprofit 48-Hour Charrette                                           | 1       |
| PPPM 687                                                                          | Nonprofit Board Governance (three-term sequence, one credit per term) | 3       |
| <b>FIELD of INTEREST ELECTIVES + NONPROFIT INTERNSHIP (23 credits)</b>            |                                                                       |         |
| PPPM 604                                                                          | Internship: [Topic] <sup>1</sup>                                      | 3       |
| Plus 20 credits from courses focused on a specific field of interest <sup>2</sup> |                                                                       | 20      |
| <b>MANAGEMENT SEQUENCE: 16 Credits</b>                                            |                                                                       |         |

|                                                                   |                                                                                                  |           |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------|
| PPPM 688                                                          | Nonprofit Consultancy                                                                            | 4         |
| Plus 12 credits from the following (can also serve as electives): |                                                                                                  | 12        |
| PPPM 507                                                          | Seminar: [Topic] (Strategic Communications; Public Sector Leadership; Advocacy/Lobbying Seminar) |           |
| PPPM 510                                                          | Experimental Course: [Topic] (Community Organizing; Museum Practice; Event Management)           |           |
| PPPM 518                                                          | Introduction to Public Law                                                                       |           |
| PPPM 525                                                          | Project Management                                                                               |           |
| PPPM 526                                                          | Strategic Planning for Management                                                                |           |
| PPPM 532                                                          |                                                                                                  |           |
| PPPM 548                                                          | Collaboration                                                                                    |           |
| PPPM 552                                                          |                                                                                                  |           |
| PPPM 565                                                          | Program Evaluation                                                                               |           |
| PPPM 570                                                          | The Arts in Society                                                                              |           |
| PPPM 572                                                          | Creative Placemaking                                                                             |           |
| PPPM 573                                                          | Cultural Programming                                                                             |           |
| PPPM 575                                                          | Performing Arts Management                                                                       |           |
| PPPM 583                                                          | Volunteer Resource Management                                                                    |           |
| PPPM 587                                                          | Impact Philanthropy                                                                              |           |
| PPPM 588                                                          | Nonprofit Legal Issues                                                                           |           |
| PPPM 633                                                          | Public Management                                                                                |           |
| PPPM 685                                                          | Social Enterprise                                                                                |           |
| PPPM 607                                                          | Seminar: [Topic] (Issues in Arts and Cultural Leadership)                                        |           |
| PPPM 610                                                          | Experimental Course: [Topic] (Visual Communications)                                             |           |
| PPPM 670                                                          | Cultural Administration                                                                          |           |
| PPPM 625                                                          | Community Planning Workshop                                                                      |           |
| PPPM 626                                                          | Community Planning Workshop                                                                      |           |
| CRES 610                                                          | Experimental Course: [Topic] (Nonprofit Law/Management Clinic)                                   |           |
| CRES 631                                                          | Managing Conflict in Organizations                                                               |           |
| MGMT 623                                                          | Negotiation                                                                                      |           |
| MGMT 625                                                          | New Venture Planning                                                                             |           |
| MGMT 635                                                          | Opportunity Recognition                                                                          |           |
| GLBL 522                                                          | Aid to Developing Countries                                                                      |           |
| Other course (with MNM faculty advisor approval)                  |                                                                                                  |           |
| <b>Total Credits</b>                                              |                                                                                                  | <b>70</b> |

<sup>1</sup> Completing a nonprofit internship (3 credits) is highly recommended for all MNM students, and required for those with fewer than two years of relevant professional experience.

<sup>2</sup> Courses must be approved by an advisor and should focus on a specific field of interest such as policy, community development planning, environmental sustainability, international development, marketing and development, arts management, public advocacy, and education and social services. More options for course work may be found online (<https://pppm.uoregon.edu/grad/master-of-nonprofit-management/>).



## Accelerated Master's of Nonprofit Management

This 5-year Accelerated Master's degree program enables students who graduate with a Major in PPPM or Minor in Nonprofit Administration to add one additional year of coursework to earn a Master's of Nonprofit Management degree. University of Oregon is one of the few universities in the world with a master's degree fully dedicated to professional training for executive leadership of nonprofit organizations. Graduates are in high demand, and pursue remunerative and rewarding careers.

Many of our undergraduates choose to pursue graduate work in nonprofit management, but often not at the UO since there is a significant amount of course overlap between our undergraduate and graduate offerings.

This program will allow highly qualified and motivated undergraduates to stay with us for one additional year and earn a Master's degree.

This is a 4+1 program as envisioned by much the materials and guidance for an accelerated master's program. Students will take 15 credits in master's-level coursework their senior year. They will take an additional 45 minimum graduate study credits (500+ courses) for graduate students seeking a master's degree in their 5th year.

### Fourth Year

| Fall                          |                                  | Credits      |
|-------------------------------|----------------------------------|--------------|
| PPPM 680                      | Managing Nonprofit Organizations | 4            |
| PPPM 413                      | Quantitative Methods             | 4            |
| Electives and UG requirements |                                  | 4-8          |
| <b>Total Credits:</b>         |                                  | <b>12-16</b> |

### Fourth Year

| Winter                        |                                         | Credits     |
|-------------------------------|-----------------------------------------|-------------|
| PPPM 581                      | Fundraising for Nonprofit Organizations | 4           |
| PPPM 522                      | Grant Proposal Writing                  | 1           |
| Electives and UG requirements |                                         | 4-10        |
| <b>Total Credits:</b>         |                                         | <b>9-15</b> |

### Fourth Year

| Spring                        |                                           | Credits      |
|-------------------------------|-------------------------------------------|--------------|
| PPPM 586                      | Philanthropy and Grant Making             | 2            |
| PPPM 684                      | Public and Nonprofit Financial Management | 4            |
| Electives and UG requirements |                                           | 6-10         |
| <b>Total Credits:</b>         |                                           | <b>12-16</b> |

### Fourth Year

| Summer                        |  | Credits    |
|-------------------------------|--|------------|
| Electives and UG requirements |  | 1-8        |
| <b>Total Credits:</b>         |  | <b>1-8</b> |

### Fifth Year

| Fall     |                             | Credits |
|----------|-----------------------------|---------|
| PPPM 618 | Public Sector Theory        | 4       |
| PPPM 686 | Nonprofit 48-Hour Charrette | 1       |
| PPPM 687 | Nonprofit Board Governance  | 1       |
| PPPM 623 | Professional Development    | 1       |

|                    |   |
|--------------------|---|
| Graduate Electives | 4 |
|--------------------|---|

**Total Credits: 11**

### Fifth Year

| Winter                |                                         | Credits   |
|-----------------------|-----------------------------------------|-----------|
| PPPM 620              | Planning and Management Research Skills | 2         |
| PPPM 687              | Nonprofit Board Governance              | 1         |
| PPPM 604              | Internship: [Topic]                     | 6         |
| Graduate Electives    |                                         | 6         |
| <b>Total Credits:</b> |                                         | <b>15</b> |

### Fifth Year

| Spring                |                            | Credits   |
|-----------------------|----------------------------|-----------|
| PPPM 687              | Nonprofit Board Governance | 1         |
| PPPM 688              | Nonprofit Consultancy      | 4         |
| Graduate Electives    |                            | 8         |
| <b>Total Credits:</b> |                            | <b>13</b> |

### Fifth Year

| Summer                |                     | Credits     |
|-----------------------|---------------------|-------------|
| Graduate Electives    |                     | 4-8         |
| PPPM 604              | Internship: [Topic] | 1-10        |
| <b>Total Credits:</b> |                     | <b>5-18</b> |

### First Year

| Spring                |                            | Credits   |
|-----------------------|----------------------------|-----------|
| PPPM 687              | Nonprofit Board Governance | 1         |
| PPPM 688              | Nonprofit Consultancy      | 4         |
| Electives             |                            | 8         |
| <b>Total Credits:</b> |                            | <b>13</b> |

- Potential Electives with advisor approval

| Code     | Title                              | Credits |
|----------|------------------------------------|---------|
| PPPM 507 | Seminar: [Topic]                   | 1-5     |
| PPPM 525 | Project Management                 | 4       |
| PPPM 526 | Strategic Planning for Management  | 4       |
| PPPM 532 |                                    | 4       |
| PPPM 543 | Natural Resource Policy            | 4       |
| PPPM 544 | Environmental Policy               | 4       |
| PPPM 546 | Socioeconomic Development Planning | 4       |
| PPPM 548 | Collaboration                      | 4       |
| PPPM 552 |                                    | 4       |
| PPPM 560 | Health Policy                      | 4       |
| PPPM 565 | Program Evaluation                 | 4       |
| PPPM 570 | The Arts in Society                | 4       |
| PPPM 571 | Cultural Policy                    | 4       |
| PPPM 572 | Creative Placemaking               | 4       |
| PPPM 573 | Cultural Programming               | 4       |
| PPPM 575 | Performing Arts Management         | 4       |
| PPPM 583 | Volunteer Resource Management      | 2       |

|          |                               |      |
|----------|-------------------------------|------|
| PPPM 586 | Philanthropy and Grant Making | 2    |
| PPPM 587 | Impact Philanthropy           | 4    |
| PPPM 588 | Nonprofit Legal Issues        | 4    |
| PPPM 601 | Research: [Topic]             | 1-16 |
| PPPM 605 | Special Problems: [Topic]     | 1-16 |
| PPPM 625 | Community Planning Workshop   | 5    |
| PPPM 626 | Community Planning Workshop   | 5    |
| PPPM 670 | Cultural Administration       | 4    |
| PPPM 685 | Social Enterprise             | 4    |

## Public Administration (MPA)

The master of public administration (MPA) is a two-year program for people interested in public service careers that address the critical social, economic, and environmental issues of our time. The curriculum is designed to provide a combination of academic theory, analytic skills, and real-world applications so that students become effective and creative leaders in public service.

A central focus of the program is to prepare students to become evidence-based policymakers, analysts, and managers. Evidence-based policy making—the idea that the formulation of policy and its implementation should be based on evidence of effectiveness—has gained widespread acceptance in the policy community, both in the United States and abroad, and requires a closer connection between research and practice. It requires that researchers ask policy-relevant questions and conduct meaningful and timely analyses that support the decision-making process; conversely, it requires that policymakers, managers, and leaders think critically about research and integrate appropriate evidence in the implementation and formulation of policy and practice.

Recent graduates work as advisors, policy analysts, and strategic planners in all levels of government, in Oregon, throughout the US, and around the globe. Their work addresses the full range of social issues, from improving health-care access, increasing government efficiency, and responsiveness to creating new governmental structures in developing democracies. Graduates also work in a broad range of nonprofit organizations, for instance, as executive staff members in social service, arts, and environmental organizations.

The State of Oregon is an exciting place to study public administration. As a "laboratory of democracy," it has a long and distinguished record of policy innovation. Most recently, Oregon has been on the forefront of advances in land-use, health-care, and environmental policy.

### Unique Aspects of the Program

The size of the program means that master's students at the University of Oregon receive a tremendous amount of individual attention, particularly in the second year when they conduct a team-based policy research project. The close, collegial working relationships between students and instructors means that faculty members are often able to help students attain relevant alumni contacts, internships, and job opportunities.

Since the department also houses a master's degree program in community and regional planning (MCRP), master of public administration students benefit from additional faculty and planning-related course offerings. In particular, students are invited in their first year to enroll in a two-term, field-based course—Community Planning

Workshop (PPPM 625)—in which students consult on a topical issue for a local government or nonprofit agency in Oregon.

Students interested in a career in nonprofits can earn a certificate in nonprofit management concurrently with their master of public administration. The certificate program offers innovative courses including one on board governance, in which students serve on a nonprofit board, and another on philanthropy, in which students award a \$15,000 grant to a local agency. As an alternate, students may complete both the MPA and MNM degrees concurrently. See a member of the department staff for application procedures for concurrent programs.

Oregon is known for its progressive policy making, from the Bottle Bill, to vote-by-mail, to current efforts in health-care reform. Students find policymakers and public managers unusually accessible for consultation in Oregon.

The program prepares participants to become effective, creative leaders in the public and nonprofit sectors. The curriculum provides a combination of substantive knowledge, analytic skills, and professional experience that primes students for careers as evidence-based policymakers, analysts, or managers.

### Application Procedures

To be eligible for the graduate program in public administration, an applicant must hold a bachelor's degree.

Submit the following documents, which must be received by February 1:

1. Graduate Admission Application, available online—follow the instructions on the department's website
2. Comprehensive employment and education résumé
3. A two-page, typed statement of purpose that clearly describes the applicant's reasons for pursuing graduate study in the program at Oregon, his or her professional goals and objectives, and professional work experience
4. Transcripts of grades in courses taken for the bachelor's degree and of any other college-level work. They should be sent directly by the institution that awarded the course credits
5. Three letters of recommendation
6. The Graduate Record Examination is optional for admission
7. Applicants whose native language is not English must supply results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) examination. The minimum acceptable TOEFL score for admission is 575 (paper-based test) or 88 (Internet-based test); the minimum acceptable IELTS exam score is 7.0. The results of the examination should be sent to the Office of Admissions, 1217 University of Oregon, Eugene OR 97403-1217

Students are selected for the program based on a combination of their undergraduate academic performance, intellectual aptitude, commitment to public service, and written statement. The deadline for receipt of fall term admission is February 1. Applications received after the deadline will be considered on a rolling basis as space allows.

The department strongly encourages applications from people of all backgrounds, and is dedicated to fostering a diverse academic environment. This, we believe, will help prepare better future public leaders.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Leadership: Graduates will demonstrate effective leadership skills in managing and leading public and nonprofit organizations. This includes skills in decision-making, communication, and strategic planning and management.
- Policy: Graduates will be able to develop, implement, and evaluate public policies that are evidence-based, data-driven, and responsive to the needs of the community.
- Analytical Skills: Graduates will be able to use qualitative and quantitative methods to analyze complex public problems and to evaluate the effectiveness of various programs and initiatives for the purposes of decision-making in a complex and dynamic environment.
- Public Service: Graduates will understand the role of public servants as stewards of public resources, responsible for ensuring that government programs and services are effective, efficient, and equitable. They will understand the importance of emphasizing service to the community and the greater good, rather than individual or organizational interests.
- Diversity: Graduates will understand and appreciate the diversity of people, cultures, and ideas in the public and nonprofit sectors. They will be able to develop policies and programs that address the needs and concerns of diverse communities, and promote inclusion, equity, and social justice.

Master of Public Administration Requirements

| Code                                                                                       | Title                                            | Credits |
|--------------------------------------------------------------------------------------------|--------------------------------------------------|---------|
| CORE COURSES (33 credits) <sup>1</sup>                                                     |                                                  |         |
| PPPM 618                                                                                   | Public Sector Theory                             | 4       |
| PPPM 628                                                                                   | Public Sector Economics                          | 4       |
| PPPM 629                                                                                   | Public Budget Administration                     | 4       |
| PPPM 633                                                                                   | Public Management                                | 4       |
| PPPM 636                                                                                   | Public Policy Analysis                           | 4       |
| PPPM 656                                                                                   | Quantitative Methods                             | 5       |
| PPPM 657                                                                                   | Research Methods in Public Policy and Management | 4       |
| PPPM 684                                                                                   | Public and Nonprofit Financial Management        | 4       |
| FIELD OF INTEREST (28 credits minimum)                                                     |                                                  |         |
| plus 24 credits from elective courses focused on a specific field of interest <sup>2</sup> |                                                  | 24      |
| PPPM 623                                                                                   | Professional Development                         | 1       |
| PPPM 604                                                                                   | Internship: [Topic] <sup>3</sup>                 | 3       |
| APPLIED RESEARCH PROJECT (11 credits)                                                      |                                                  |         |
| PPPM 637                                                                                   | MPA Policy Analysis Project                      | 1       |
| PPPM 638                                                                                   | MPA Capstone Applied Research Project I          | 5       |
| PPPM 639                                                                                   | MPA Capstone Applied Research Project II         | 5       |
| Total Credits                                                                              |                                                  | 72      |

- <sup>1</sup> Must be taken for letter grades.
- <sup>2</sup> Interest areas may include: policy, public management, nonprofit management, planning, environmental policy, or other field of interest. A list of potential courses for each field of interest is available on the department's website. Students who would like to develop their own field of interest are able to do so in consultation with a faculty advisor. Recent graduates have created customized fields of interest in food sufficiency, health policy, and international development.
- <sup>3</sup> Completing an internship (3 credits) is highly recommended for all MPA students, and required for those with fewer than two years of relevant professional experience.

The master of public administration (MPA) program provides students with two key opportunities to synthesize classroom learning and apply their research skills to current policy and management issues. At the start of the second year, students engage in a policy project intended to simulate the real-world environment where analysts and managers are given short time frames to research a topic that they know little or nothing about. Over forty-eight hours, students read relevant policy and research documents, write a memo detailing the evidence base and key issues, and give an oral presentation. The project takes place the week before fall courses begin, and incoming first-year students have the opportunity to view the presentations as part of their orientation to the program. This component of the curriculum is a signature event and rite of passage each fall.

Students also enroll in a two-term project sequence that serves as the synthesizing capstone of the curriculum. Over winter and spring terms of the second year of study, students work on real-world or simulated real-world projects that require conducting in-depth needs assessments, evaluations, cost-benefit analyses, or other applied research. A faculty member works closely with student groups on these projects over the two terms. Past projects have included a survey for a state commission to gauge attitudes among key shareholders on potential policy change, an analysis of administrative data on the impact of a post-policy implementation on Oregonians, and an examination of three potential communities for a nonprofit's expansion.

Planning and Public Affairs (PhD)

The UO PhD program in Planning and Public Affairs trains students to conduct rigorous, original research to inform scholarship, policy, and practice. Students must have a Masters degree in a related field to be admitted to the program;. Key aspects of our program include:

- Innovative: Focused around research groups working to address key societal issues with a high potential for academic employment
- Interdisciplinary: Flexible structure allows students to access a range of disciplines across our School and the University
- Engaged: Draws upon our international reputation of engaged teaching and scholarship in collaboration with agencies, cities, and communities
- Inclusive: Builds on our dedication to equity and inclusion and our diverse faculty

Each admitted student must choose a primary disciplinary track, which can be fulfilled with a previous graduate degree or coursework at Oregon.

1. Community and regional planning
2. Nonprofit management
3. Public administration and public policy

The program focuses on three, cutting-edge research areas that are strengths among the PPPM faculty. Students work with advisors based in these research groups, and may also engage with other faculty across campus:

- **Sustainable Cities and Transportation:** Analyzing the emerging trends related to technology and cities such as: land use, urban form, street design, new mobility, active transport, micromobility, public policy, and public budgeting/finance.
- **Access and Equity:** Issues of access, equity, social justice, representation, and power for under-represented and under-served communities. This work crosses planning, community engagement, community development, urban design, non-profit management, and public policy disciplines
- **Nonprofit, Philanthropic and Social Enterprise:** Innovative trends related to management, arts and cultural leadership, philanthropy and social enterprise. This work focuses in particular on issues such as social entrepreneurship, high impact philanthropy and the economics of nonprofit organizations

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop expertise in a disciplinary track for future research and teaching, while also developing in depth knowledge in a chosen concentration area(s) for the purpose of informing future scholarship, policy, and practice.
- Acquire and master a range of skills in research methods appropriate to a discipline and concentration area.
- Practice different pedagogical skills in a range of contexts, while being able to articulate a research based pedagogical philosophy and applied framework.
- Acquire and develop a range of professional skills for an academic and/or research career.
- Cultivate hard and soft skills to engage with communities and clients as partners.
- Practice and refine writing skills for publications and grant proposals.

## Planning and Public Affairs Major

| Code                                              | Title               | Credits   |
|---------------------------------------------------|---------------------|-----------|
| Methods Plan <sup>1</sup>                         |                     | 16        |
| Disciplinary Track and Concentration <sup>2</sup> |                     | 36        |
| Career Development <sup>3</sup>                   |                     | 3         |
| PPPM 607                                          | Seminar: [Topic]    |           |
| PPPM 604                                          | Internship: [Topic] |           |
| Dissertation                                      |                     | 18        |
| <b>Total Credits</b>                              |                     | <b>73</b> |

<sup>1</sup> Approved by the student's Pre-Dissertation Advisory Committee based on field of study.

<sup>2</sup> Disciplinary Track coursework must be approved by the student's Pre-Dissertation Advisory Committee. Concentration coursework is determined by the student in consultation with their advisor.

<sup>3</sup> Academic Career Development: may also substitute PS 602/608 teaching and professionalization seminars (or equivalent class with approval)

## Nonprofit Management Graduate Certificate

The objective of our Graduate Certificate in Nonprofit Management is to prepare you for leadership positions in nonprofit and philanthropic (grant making) organizations. The curriculum, which centers on technical skills specific to the nonprofit and philanthropic sectors, is designed to develop the skills necessary to manage and lead financially stable, innovative, and effective organizations.

Opportunities for nonprofit managers with specialized skills have expanded sharply. Currently, approximately 8% of the U.S. total employment is in the nonprofit sector. Recent graduates serve in all nonprofit sectors in a variety of leadership positions.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop and steward nonprofit financial and human resources.
- Ethically manage, govern, and lead nonprofit and philanthropic organizations.
- Synthesize foundational concepts and theories in nonprofit management and leadership.
- Apply learned competencies to real-world nonprofit sector challenges.

## Graduate Certificate in Nonprofit Management

The graduate certificate in nonprofit management prepares students for leadership in the nonprofit sector. The focused curriculum develops specific skills that are critical for success in managing nonprofit organizations.

Phenomenal growth in assets and activities of the nonprofit sector over the past two decades have led to career opportunities in the many areas of the nonprofit sector, including cultural and arts organizations, education, health care, human services, international development, and advocacy organizations. Nonprofit enterprise has broadened with developing sources of funding, and the complexities of its management require professional skills specific to the nonprofit sector.

## Requirements

| Code                                                                     | Title                                   | Credits |
|--------------------------------------------------------------------------|-----------------------------------------|---------|
| <b>Core Courses</b>                                                      |                                         |         |
| PPPM 522                                                                 | Grant Proposal Writing                  | 1       |
| PPPM 581                                                                 | Fundraising for Nonprofit Organizations | 4       |
| PPPM 680                                                                 | Managing Nonprofit Organizations        | 4       |
| PPPM 681                                                                 | Nonprofit Financial Management          | 4       |
| <b>Internship and Electives <sup>1</sup></b>                             |                                         |         |
| Select three or more credits of elective course work from the following: |                                         | 5       |
| PPPM 525                                                                 | Project Management                      |         |
| PPPM 526                                                                 | Strategic Planning for Management       |         |
| PPPM 565                                                                 | Program Evaluation                      |         |

|                      |                                  |           |
|----------------------|----------------------------------|-----------|
| PPPM 583             | Volunteer Resource Management    |           |
| PPPM 586             | Philanthropy and Grant Making    |           |
| PPPM 587             | Impact Philanthropy              |           |
| PPPM 588             | Nonprofit Legal Issues           |           |
| PPPM 610             | Experimental Course: [Topic]     |           |
| PPPM 670             | Cultural Administration          |           |
| PPPM 685             | Social Enterprise                |           |
| PPPM 686             | Nonprofit 48-Hour Charrette      |           |
| PPPM 687             | Nonprofit Board Governance       |           |
| PPPM 688             | Nonprofit Consultancy            |           |
| PPPM 604             | Internship: [Topic] <sup>2</sup> | 6         |
| <b>Total Credits</b> |                                  | <b>24</b> |

<sup>1</sup> Elective credits may be taken in other departments. Information about the many nonprofit elective courses or waiver of required courses is available from the program director.

<sup>2</sup> Students wishing to complete the certificate must complete an internship and 5 elective credits **or** take 11 credits of nonprofit-relevant elective courses. Students who have no significant work experience in the nonprofit sector are strongly recommended to complete an internship by enrolling in 6 credits of Internship: [Topic] (PPPM 604).

Core courses must be taken for letter grades unless offered P/N only.



# College of Education

## Laura Lee McIntyre, Dean

541-346-7452  
230 HEDCO Education Building  
1215 University of Oregon  
Eugene, Oregon 97403-1215

## Preparing Educators in the 21st Century

The College of Education's academic majors are organized into three departments: counseling psychology and human services; education studies; and special education and clinical sciences.

The college offers undergraduate, master's, and doctoral degrees and preparation for licensure, programs that link instruction to current research findings and pedagogical practices and to the needs of the educational community, ensuring students are prepared for collaborative practice in the field of education. Students become active learners as they accumulate an understanding of disciplinary content and develop professional knowledge and skills that prepare them for careers in education or the social services. Surveys of graduates from the College of Education indicate that the overwhelming majority are successful in securing employment or continuing their professional preparation in their chosen field.

With school, community, and clinical partners, the college's nationally prominent teaching and research faculty offers opportunities for student practicum and field-based experiences in professional settings where effective policy and practice is created and then implemented.

Academic, research, and outreach service units provide integrated and cross-disciplinary learning experiences that help students acclimate to their professions, develop initial competence, acquire advanced proficiency, and become practicing professionals and scholars.

The College of Education is ranked by *US News and World Report* as one of the nation's top colleges of education (14th nationally in the 2018 rankings). Its scholarship, teaching, and practical learning opportunities offer students a respectful and affirming climate, a culture of belonging, and an inclusive learning environment.

## Faculty

Julie Alonzo, senior lecturer II and research associate professor (teacher professional development, leading for equity, response to intervention); BA, 1990, Carleton College; PhD, 2007, Oregon. (2007)

Nancy Golden, professor of practice (leadership, equity, public policy). BS, 1973, Denver; MS, 1974, PhD, 1987, Oregon. (2015)

Sheree Jederberg, senior lecturer II (school leadership & practice, whole school systems reform, curriculum and instruction, public policy); BS, 1979, California San Diego; BA/MA, 1989, San Diego State; MA, 1991, San Diego State; Ed.D., 2006, Southern California. (2021)

Cengiz Zopluoglu, associate professor (latent variable modeling, longitudinal data analysis, statistical computing). BA, 2005, Abant Izzet Baysal; MA, 2009, PhD, 2013, Minnesota. (2020)

## Emeriti

Gerald K. Bogen, professor emeritus. BA, 1959, Western Washington; MS, 1961, DEd, 1963, Oregon. (1961)

Michael D. Bullis, professor emeritus. BPE, 1973, MS, 1978, Purdue; PhD, 1983, Oregon. (1995)

David T. Conley, professor emeritus. BA, 1972, California, Berkeley; MA, 1983, PhD, 1986, Colorado, Boulder. (1989)

C. H. Edson, associate professor emeritus. BA, 1964, California, Berkeley; MA, 1970, Oregon; PhD, 1979, Stanford. (1973)

Arthur C. Hearn, professor emeritus. AB, 1934, MA, 1937, EdD, 1949, Stanford. (1950)

John E. Lallas, professor emeritus; executive dean emeritus. BA, 1947, Washington (Seattle); BA, 1952, Western Washington; EdD, 1956, Stanford. (1957)

Philip K. Piele, professor emeritus. BA, 1957, Washington State; MS, 1963, PhD, 1968, Oregon. (1967)

Richard A. Schmuck, professor emeritus. BA, 1958, MA, 1959, PhD, 1962, Michigan. (1967)

Joseph Stevens, professor emeritus. BA, 1974, MA, 1976, PhD, 1983, Arizona. (2005)

Gerald Tindal, professor emeritus. BA, 1975, PhD, 1982, Minnesota. (1984)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Graduate

### Major - Master's Degree

- Educational Leadership (MEd) (p. 503)

### Major - Doctoral Degree

- Educational Leadership (DEd) (p. 504)

*Other programs are listed under Counseling Psychology and Human Services, Education Studies, or Special Education and Clinical Sciences.*

## Educational Leadership (MEd)

Please see M.Ed. in Educational Leadership Program website (<https://education.uoregon.edu/edld/graduate/med/>).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Use tangible skills that are immediately useful in using and understanding educational research and its application to problems of practice in a variety of educational settings.
- Apply data-driven methods and strategies to develop, implement, evaluate, and research educational programs.

## Master of Education in Educational Leadership

| Code                                | Title                                                | Credits   |
|-------------------------------------|------------------------------------------------------|-----------|
| <b>YEAR 1 - COURSEWORK</b>          |                                                      |           |
| EDLD 613                            | Ethical Leadership                                   | 4         |
| EDLD 614                            | School Improvement Through Curriculum and Assessment | 4         |
| EDLD 615                            | Leading Educational Change Initiatives               | 3         |
| EDLD 616                            | Supervision of Teaching and Learning                 | 4         |
| EDLD 617                            | Oregon School Management and Budget                  | 4         |
| EDLD 635                            | Executive Leadership for Principals                  | 4         |
| EDLD 686                            | Oregon Legal Issues in Public Education              | 4         |
| <b>YEAR 2 - COURSEWORK</b>          |                                                      |           |
| EDLD 612                            | Communications and Community Relations               | 4         |
| EDUC 611                            | Survey of Educational Research Methods               | 3         |
| <b>YEAR 2 - CLINICAL INTERNSHIP</b> |                                                      |           |
| EDLD 605                            | Reading and Conference: [Topic]                      | 12        |
| <b>Total Credits</b>                |                                                      | <b>46</b> |

## Educational Leadership (DEd)

### Application and Admission

The department follows general university policy in its admission procedures. Students who transfer to the university from other institutions must meet UO entrance requirements. Information about admission to degree and licensure programs is available from the Program's and College of Education's websites, as well as from the Program's Academic Program Coordinator.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Synthesize research literature to evaluate the strengths and weaknesses of educational programs, interventions, and policies.
- Evaluate educational outcomes through an equity lens, with a particular focus on disproportionality.
- Conduct original research related to a problem of practice using quantitative, qualitative, or mixed methods approaches.
- Articulate the leadership qualities that foster the improvement of educational institutions (e.g., classrooms, schools, school districts).
- Communicate clearly and professionally in writing and oral presentations.

## Doctor of Education in Educational Leadership

| Code          | Title                                                       | Credits |
|---------------|-------------------------------------------------------------|---------|
| <b>YEAR 1</b> |                                                             |         |
| EDUC 611      | Survey of Educational Research Methods                      | 3       |
| EDLD 615      | Leading Educational Change Initiatives                      | 3       |
| EDLD 624      | Leading for Equity                                          | 3       |
| EDLD 644      | Learning Organization                                       | 3       |
| EDLD 696      | Professional Writing I: Foundations in Professional Writing | 3       |
| EDUC 614      | Educational Statistics                                      | 3       |

|                                                  |                                             |           |
|--------------------------------------------------|---------------------------------------------|-----------|
| EDUC 615                                         | Qualitative Data and Coding Methods         | 4         |
| EDLD 697                                         | Professional Writing II                     | 3         |
| EDUC 640                                         | Applied Statistical Design and Analysis     | 3         |
| EDLD 643                                         | Evidence-Based Decision Making in Schools   | 3         |
| EDLD 698                                         | Professional Writing III: Literature Review | 3         |
| <b>YEAR 2</b>                                    |                                             |           |
| EDUC 620                                         | Program Evaluation I                        | 3         |
| EDLD 632                                         | Educational Policy Analysis                 | 3         |
| EDLD 638                                         | Advanced Public School Law                  | 3         |
| EDUC 621                                         | Program Evaluation II                       | 3         |
| EDLD 627                                         | Leaders Serving Special Populations         | 3         |
| EDLD 692                                         | Research Writing                            | 3         |
| SPED 528                                         | Special Education Law                       | 3         |
| EDLD 631                                         | Education Policy for Multilingual Students  | 3         |
| EDLD 694                                         | Dissertation Preparation                    | 3         |
| <b>COURSEWORK AFTER ADVANCEMENT TO CANDIDACY</b> |                                             |           |
| EDLD 699                                         | Dissertation Methods Apprenticeship         | 3         |
| Dissertation                                     |                                             | 18        |
| EDLD 603                                         | Dissertation                                |           |
| <b>Total Credits</b>                             |                                             | <b>82</b> |

\*Subject to change. Please see current Program's Website: <https://education.uoregon.edu/edld/graduate/ded>

## Counseling Psychology and Human Services

### Leslie Leve, Department Head

541-346-9148

541-346-0683 fax

240 HEDCO Education Building

Programs in the Department of Counseling Psychology and Human Services educate and train professionals in counseling psychology, couples and family therapy, prevention science, and family and human services. Students are trained to effectively identify, prevent, and treat psychological and public health problems in children, adolescents, adults, and families. At the doctoral level, students extend scientific knowledge through research in collaboration with faculty mentors. Field placements, practicum placements, and internships at all levels of training provide students with opportunities to practice in schools, community agencies, and clinical and research settings under the supervision of faculty members, agency personnel, and collaborating scholars.

### Faculty

Tiffany Brown, senior lecturer (self-harm, family dynamics of addiction, collegiate recovery communities). BS, 2002, MEd, 2005, Oregon; PhD, 2009, Texas Tech. (2011)

Elizabeth Budd, assistant professor (early chronic disease prevention, physical activity and healthy eating promotion, adolescent and community health). BS, 2005, Santa Clara; MPH, 2009, Saint Louis; PhD, 2016, Washington (St. Louis). (2016)

Krista Chronister, professor (domestic violence, career counseling, community intervention). BS, 1996, Florida; MS, 2000, PhD, 2003, Oregon. (2003)

Jessica Cronce, associate professor (health and risk behaviors among young adults, individual-focused prevention). BS, 1999, Washington (Seattle); MS, 2005, MPhil, 2006, PhD, 2009, Yale. (2015)

Dave DeGarmo, research associate professor (prevention science methodology, longitudinal analysis, fathers and parenting). BA, 1987, Lock Haven; MS, 1989, PhD, 1993, Akron. (2013).

Wendy Hadley, Julie and Keith Thomson Faculty Chair and HEDCO Clinic Director, associate professor (adolescent sexual and substance use risk prevention, adolescent obesity, technology interventions). BS, 1994, University of Florida; MS, 2000, PhD, 2003, University of Memphis. (2019)

Nichole Kelly, assistant professor (obesity prevention and adolescent health, eating disorders, health promotion). BS, 2004, Virginia; PhD, 2013, Virginia Commonwealth. (2016)

Atika Khurana, associate professor (adolescent development and risk-taking, self-regulation and executive functions, family and ecological influences). BS, 2003, MS, 2005, Punjab; PhD, 2009, Ohio State. (2012)

Jean Kjellstrand, assistant professor (corrections-involved families, positive youth development, reentry and preventive interventions). BA, 1989, Carleton College; MSW, 1991, Wisconsin, Madison; PhD, 2009, Portland State. (2014)

Leslie Leve, professor (foster care, adoption, prevention science). BA, 1990, California, Santa Cruz; MS, 1991, PhD, 1995, Oregon. (2013)

Benedict T. McWhirter, professor (adolescents at risk, college student development, connectedness). BA, 1986, Notre Dame; MC, 1988, PhD, 1992, Arizona State. (1997)

Ellen Hawley McWhirter, Ann Swindells Professor in Counseling Psychology (adolescent career development, empowerment, Latino youth academic success). BA, 1983, Notre Dame; MC, 1988, PhD, 1992, Arizona State. (1997)

Bertranna Muruthi, assistant professor (interventions and prevention programs for immigrant families). BA, 2010, MS, 2012, Miami (OH); PhD, 2017, Georgia. (2019)

James Muruthi, assistant professor (family and neighborhood factors, social capital and health disparities among aging marginalized individuals). BS, 2007, MS, 2010, Miami (OH); PhD, 2016, Georgia. (2019)

Elizabeth A. Stormshak, Philip H. Knight Chair; professor (prevention of delinquency, conduct problems, peer rejection). BA, 1988, Washington (Seattle); MS, 1992, PhD, 1995, Pennsylvania State. (1996)

Emily Tanner-Smith, associate professor (applied research methodology, meta-analysis, substance use and addiction). BS, 2003, Belmont; MA, 2007, PhD, 2009, Vanderbilt. (2017)

Jeff Todahl, associate professor (child abuse and neglect prevention, intimate partner violence, community engagement). BA, 1985, Western Washington; MS, 1989, Seattle Pacific; PhD, 1995, Florida State. (1999)

Karrie P. Walters, senior instructor (human services, child and family interventions, prevention and social justice). BA, 1996, North Texas; MA, 2001, Minnesota, Twin Cities; PhD, 2010, Oregon. (2010)

## Courtesy

Joseph Arpaia, courtesy assistant professor (clinical hypnosis, autonomic nervous system, mediation and psychotherapy). BS, 1982, California Institute of Technology; MD, 1990, California, Irvine. (2005)

Philip A. Fisher, professor. See **Psychology**.

Richard D. Freund, courtesy assistant professor (research methods, community college counseling, cognitive therapy). BA, 1966, Brown; PhD, 1971, Stanford. (1975)

Lauren Lindstrom, professor (career development, youth with disabilities, gender equity). BS, 1985, MS, 1991, PhD, 2000, Oregon. (2000)

## Emeriti

Henry F. Dizney, professor emeritus. BS, 1954, Southeast Missouri State; MEd, 1955, Wayne State; PhD, 1959, Iowa. (1967)

Gordon A. Dudley, associate professor emeritus. BA, 1956, Kalamazoo; MA, 1959, Colorado; EdD, 1971, Harvard. (1967)

Sally Fullerton, professor emerita. BS, 1956, Oregon State; MA, 1960, Cornell; PhD, 1970, Oregon. (1970)

Weston H. Morrill, professor emeritus. BS, 1960, MS, 1961, Brigham Young; PhD, 1966, Missouri, Columbia. (1990)

Shoshana D. Kerewsky, senior lecturer II emerita. BA, 1983, Swarthmore; MA, 1990, Lesley; PsyD, 1998, Antioch, New England. (1996)

Janet Moursund, associate professor emerita. BA, 1958, Knox; MS, 1961, PhD, 1963, Wisconsin, Madison. (1967)

Anita Runyan, associate professor emerita. BS, 1956, Pacific Union; MS, 1968, PhD, 1972, Oregon. (1972)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Majors - Bachelor's Degree

- Family and Human Services (BA/BS) (p. 506)
- Family and Human Services (BEd) (p. 510)

## Graduate Programs

### Majors - Master's Degree

- Counseling, Family, and Human Services (MEd) (p. 513)
- Couples and Family Therapy (MS) (p. 513)
- Prevention Science (MEd) (p. 514)
- Prevention Science (MS) (p. 515)

### Majors - Doctoral Degree

- Counseling Psychology (PhD) (p. 516)
- Prevention Science (PhD) (p. 515)

## Specializations

- Prevention Science (p. 518)
- Spanish Language Psychological Service and Research (p. 518)

## Family and Human Services (BA/BS)

240 HEDCO Education Building  
541-346-2143  
fhs@uoregon.edu

Students in the family and human services (FHS) program are committed to helping individuals improve their quality of life. Reflecting the diversity of the community and social service sector, FHS is interdisciplinary, drawing on the fields of psychology and counseling, social work, prevention science, public health, human development, and sociology.

Alongside like-minded peers, you'll analyze and create systems of community care for children and families. You'll learn how to help children and families develop effective ways to succeed in today's complex world, and you'll gain an understanding of evidenced-based interventions, prevention, and agency policy and practices.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate understanding of human services history, theories, basic social science methods, and their applications in practice.
- Systematically analyze individual, family, and community needs; plan and implement appropriate strategies and services; and evaluate effectiveness of services.
- Demonstrate interpersonal skills and awareness of their own values, personalities, power/privilege, biases, interpersonal styles and limitations.
- Demonstrate knowledge of the legal, ethical and professional standards of human service professions and demonstrate an ability to apply strategies for these standards in human service contexts.
- Demonstrate understanding of risk and protective factors across all levels of the social ecological model that promote or inhibit human functioning and health equity, and they will incorporate this knowledge when engaging with individuals, families, communities, and policymakers.

Students who major in FHS must select one emphasis area in which to complete additional coursework beyond a shared set of core courses.

- The **Prevention Science (PS)** emphasis prepares students for graduate studies and careers that will involve prevention-focused program development and evaluation.
- The **Direct Service Intensive (DSI)** emphasis prepares students for graduate studies and careers that will involve direct delivery of interventions.

## Family and Human Services Major Requirements

Courses used to fulfill the major requirements must be taken for a letter grade and passed with a grade of C- or better.

## Prevention Science Emphasis

| Code                                                | Title                                           | Credits  |
|-----------------------------------------------------|-------------------------------------------------|----------|
| <b>Premajor Core</b>                                |                                                 |          |
| FHS 213                                             | Issues for Children and Families                | 4        |
| FHS 215                                             | Exploring Family and Human Services             | 3        |
| FHS 216                                             | Diversity in Human Services                     | 4        |
| <b>Professional Studies</b>                         |                                                 |          |
| CPSY 217                                            | Foundations of Student Health and Well-Being    | 3        |
| FHS 301                                             | Writing for Human Services Professionals        | 3        |
| FHS 328                                             | Human Development in the Family Context         | 3        |
| FHS 330                                             | Individual Interventions in Ecological Contexts | 4        |
| FHS 331                                             | Group and Community Interventions               | 3        |
| FHS 420                                             | Research in Human Services                      | 3        |
| or PSY 303                                          | Research Methods in Psychology: [Topic]         |          |
| or SOC 311                                          | Research Methods                                |          |
| FHS 471                                             | Human Services Professional Ethics              | 3        |
| FHS 492                                             | Contemporary Issues in Public Health            | 3        |
| <b>Advanced Interventions &amp; Case Management</b> |                                                 | <b>3</b> |
| FHS 493                                             | Child and Family Case Management                |          |
| FHS 494                                             | Adolescent and Adult Case Management            |          |
| <b>Research Experience</b>                          |                                                 | <b>2</b> |
| FHS 401                                             | Research: [Topic]                               |          |
| <b>Equity and Diversity</b>                         |                                                 | <b>4</b> |
| ANTH 165                                            | Sexuality and Culture                           |          |
| ANTH 278                                            | Science, Race, and Society                      |          |
| ASL 301                                             | American Deaf Culture                           |          |
| ES 101                                              | Introduction to Ethnic Studies                  |          |
| ES 352                                              | Social Equity and Criminal Justice              |          |
| GLBL 250                                            | Value Systems in Cross-Cultural Perspective     |          |
| PHIL 216                                            | Philosophy and Cultural Diversity               |          |
| PHIL 307                                            | Social and Political Philosophy                 |          |
| SOC 207                                             | Social Inequality                               |          |
| SOC 313                                             | Social Issues and Movements                     |          |
| SOC 345                                             | Race and Ethnicity                              |          |
| SOC 355                                             | Sociology of Gender                             |          |
| WGS 101                                             | Introduction to Women's and Gender Studies      |          |
| WGS 201                                             | Introduction to Queer Studies                   |          |
| WGS 321                                             | Feminist Perspectives: Identity, Race, Culture  |          |
| WGS 322                                             | Queer Theory                                    |          |
| WGS 341                                             | Women, Work, and Class                          |          |
| <b>Professional Depth</b>                           |                                                 | <b>6</b> |
| FHS 329                                             | Youth Psychopathology in Context                |          |
| FHS 422                                             | Prevention Science in Practice                  |          |
| FHS 423                                             | Prevention Science in Practice Supervision      |          |
| PPPM 205                                            | Introduction to City Planning                   |          |
| PPPM 280                                            | Introduction to the Nonprofit Sector            |          |
| PPPM 413                                            | Quantitative Methods                            |          |
| PPPM 418                                            | Introduction to Public Law                      |          |

|                      |                                       |           |
|----------------------|---------------------------------------|-----------|
| PPPM 422             | Grant Proposal Writing                |           |
| PPPM 426             | Strategic Planning for Management     |           |
| PSY 301              | Scientific Thinking in Psychology     |           |
| PSY 309              | Psychopathology                       |           |
| PSY 366              | Culture and Mental Health             |           |
| SOC 304              | Community, Environment, and Society   |           |
| SOC 312              | Statistical Analysis in Sociology     |           |
| STAT 243Z            | Elementary Statistics I               |           |
| SPED 426             | Behavior and Classroom Management     |           |
| FHS 490              | Scientific Analysis in Human Services | 3         |
| <b>Total Credits</b> |                                       | <b>54</b> |

## Family and Human Services Major Requirements

Courses used to fulfill the major requirements must be taken for a letter grade and passed with a grade of C- or better.

### Direct Service Intensive Emphasis

| Code                                                | Title                                           | Credits  |
|-----------------------------------------------------|-------------------------------------------------|----------|
| <b>Premajor Core</b>                                |                                                 |          |
| FHS 213                                             | Issues for Children and Families                | 4        |
| FHS 215                                             | Exploring Family and Human Services             | 3        |
| FHS 216                                             | Diversity in Human Services                     | 4        |
| <b>Professional Studies</b>                         |                                                 |          |
| CPSY 217                                            | Foundations of Student Health and Well-Being    | 3        |
| FHS 301                                             | Writing for Human Services Professionals        | 3        |
| FHS 328                                             | Human Development in the Family Context         | 3        |
| FHS 330                                             | Individual Interventions in Ecological Contexts | 4        |
| FHS 331                                             | Group and Community Interventions               | 3        |
| FHS 420                                             | Research in Human Services                      | 3        |
| or PSY 303                                          | Research Methods in Psychology: [Topic]         |          |
| or SOC 311                                          | Research Methods                                |          |
| FHS 471                                             | Human Services Professional Ethics              | 3        |
| FHS 492                                             | Contemporary Issues in Public Health            | 3        |
| <b>Advanced Interventions &amp; Case Management</b> |                                                 | <b>3</b> |
| FHS 493                                             | Child and Family Case Management                |          |
| FHS 494                                             | Adolescent and Adult Case Management            |          |
| <b>Research Experience</b>                          |                                                 | <b>1</b> |
| FHS 401                                             | Research: [Topic]                               |          |
| <b>Equity and Diversity</b>                         |                                                 | <b>4</b> |
| ANTH 165                                            | Sexuality and Culture                           |          |
| ANTH 278                                            | Science, Race, and Society                      |          |
| ASL 301                                             | American Deaf Culture                           |          |
| ES 101                                              | Introduction to Ethnic Studies                  |          |
| ES 352                                              | Social Equity and Criminal Justice              |          |
| GLBL 250                                            | Value Systems in Cross-Cultural Perspective     |          |
| PHIL 216                                            | Philosophy and Cultural Diversity               |          |
| PHIL 307                                            | Social and Political Philosophy                 |          |
| SOC 207                                             | Social Inequality                               |          |
| SOC 313                                             | Social Issues and Movements                     |          |

|         |                                                |
|---------|------------------------------------------------|
| SOC 345 | Race and Ethnicity                             |
| SOC 355 | Sociology of Gender                            |
| WGS 101 | Introduction to Women's and Gender Studies     |
| WGS 201 | Introduction to Queer Studies                  |
| WGS 321 | Feminist Perspectives: Identity, Race, Culture |
| WGS 322 | Queer Theory                                   |
| WGS 341 | Women, Work, and Class                         |

### Professional Depth 6

|           |                                            |
|-----------|--------------------------------------------|
| FHS 329   | Youth Psychopathology in Context           |
| FHS 422   | Prevention Science in Practice             |
| FHS 423   | Prevention Science in Practice Supervision |
| PPPM 205  | Introduction to City Planning              |
| PPPM 280  | Introduction to the Nonprofit Sector       |
| PPPM 413  | Quantitative Methods                       |
| PPPM 418  | Introduction to Public Law                 |
| PPPM 422  | Grant Proposal Writing                     |
| PPPM 426  | Strategic Planning for Management          |
| PSY 301   | Scientific Thinking in Psychology          |
| PSY 309   | Psychopathology                            |
| PSY 366   | Culture and Mental Health                  |
| SOC 304   | Community, Environment, and Society        |
| SOC 312   | Statistical Analysis in Sociology          |
| STAT 243Z | Elementary Statistics I                    |
| SPED 426  | Behavior and Classroom Management          |

### Human Services: Practice 8

|                                              |                                        |
|----------------------------------------------|----------------------------------------|
| FHS 472                                      | Human Services in Practice             |
| <b>Human Services Practice Supervision 4</b> |                                        |
| FHS 473                                      | Human Services in Practice Supervision |

### Total Credits 62

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

In addition to required course work, those working toward all degrees listed below must participate in work or volunteer experiences related to human services and maintain a cumulative grade point average (GPA) of 2.50 or better.

## Bachelor of Arts in Family and Human Services

| Course                                            | Title                                  | Credits | Milestones |
|---------------------------------------------------|----------------------------------------|---------|------------|
| <b>First Year</b>                                 |                                        |         |            |
| <b>Fall</b>                                       |                                        |         |            |
| First term of first-year second-language sequence |                                        | 4       |            |
| WR 121Z                                           | Composition I                          | 4       |            |
| FHS 213                                           | Issues for Children and Families       | 4       |            |
| or                                                | or Exploring Family and Human Services |         |            |
| FHS 215                                           | Services                               |         |            |
| or                                                | or Diversity in Human Services         |         |            |
| FHS 216                                           |                                        |         |            |



|                                                                                                                                                  |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Elective course                                                                                                                                  | 3         |
| <b>Credits</b>                                                                                                                                   | <b>15</b> |
| <b>Winter</b>                                                                                                                                    |           |
| Second term of first-year second-language sequence                                                                                               | 4         |
| WR 122Z Composition II<br>or WR 123 or College Composition III                                                                                   | 4         |
| FHS 213 Issues for Children and Families<br>or<br>FHS 215 or Exploring Family and Human Services<br>or<br>FHS 216 or Diversity in Human Services | 4         |
| Elective course                                                                                                                                  | 3         |
| <b>Credits</b>                                                                                                                                   | <b>15</b> |
| <b>Spring</b>                                                                                                                                    |           |
| Third term of first-year second-language sequence                                                                                                | 4         |
| FHS 213 Issues for Children and Families<br>or<br>FHS 215 or Exploring Family and Human Services<br>or<br>FHS 216 or Diversity in Human Services | 4         |
| General-education course in arts and letters                                                                                                     | 4         |
| General-education course in science                                                                                                              | 4         |
| <b>Credits</b>                                                                                                                                   | <b>16</b> |
| <b>Total Credits</b>                                                                                                                             | <b>46</b> |
| <b>Course Title Credits Milestones</b>                                                                                                           |           |
| <b>Second Year</b>                                                                                                                               |           |
| <b>Fall</b>                                                                                                                                      |           |
| First term of second-year second-language sequence                                                                                               | 4         |
| General-education course in arts and letters                                                                                                     | 4         |
| General-education course in social science                                                                                                       | 4         |
| General-education course in science                                                                                                              | 4         |
| Prepare application for admission to the family and human services major                                                                         |           |
| <b>Credits</b>                                                                                                                                   | <b>16</b> |
| <b>Winter</b>                                                                                                                                    |           |
| Second term of second-year second-language sequence                                                                                              | 4         |
| General-education course in arts and letters                                                                                                     | 4         |
| General-education course in social science                                                                                                       | 4         |
| General-education course in science                                                                                                              | 4         |
| Submit application for admission to the family and human services major                                                                          |           |
| <b>Credits</b>                                                                                                                                   | <b>16</b> |
| <b>Spring</b>                                                                                                                                    |           |
| Third term of second-year second-language sequence                                                                                               | 4         |
| General-education course in arts and letters                                                                                                     | 4         |
| General-education course in social science                                                                                                       | 4         |
| General-education course in science                                                                                                              | 4         |
| Complete all specified family and human services major admission requirements                                                                    |           |
| <b>Credits</b>                                                                                                                                   | <b>16</b> |
| <b>Total Credits</b>                                                                                                                             | <b>48</b> |

| Course                                         | Title                                                                                                                  | Credits   | Milestones |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------|------------|
| <b>Third Year</b>                              |                                                                                                                        |           |            |
| <b>Fall</b>                                    |                                                                                                                        |           |            |
| FHS 328                                        | Human Development in the Family Context                                                                                | 3         |            |
| FHS 330                                        | Individual Interventions in Ecological Contexts                                                                        | 4         |            |
| FHS 406                                        | Practicum: [Topic]                                                                                                     | 2         |            |
| FHS 407                                        | Seminar: [Topic]                                                                                                       | 1         |            |
| Elective course                                |                                                                                                                        | 3         |            |
| <b>Credits</b>                                 |                                                                                                                        | <b>13</b> |            |
| <b>Winter</b>                                  |                                                                                                                        |           |            |
| FHS 331                                        | Group and Community Interventions                                                                                      | 3         |            |
| FHS 406                                        | Practicum: [Topic]                                                                                                     | 2         |            |
| FHS 407                                        | Seminar: [Topic]                                                                                                       | 1         |            |
| FHS 420                                        | Research in Human Services                                                                                             | 3         |            |
| FHS 492                                        | Contemporary Issues in Public Health                                                                                   | 3         |            |
| <b>Credits</b>                                 |                                                                                                                        | <b>12</b> |            |
| <b>Spring</b>                                  |                                                                                                                        |           |            |
| FHS 406                                        | Practicum: [Topic]                                                                                                     | 2         |            |
| FHS 407                                        | Seminar: [Topic]                                                                                                       | 1         |            |
| FHS 493                                        | Child and Family Case Management                                                                                       | 3         |            |
| or<br>FHS 494                                  | or Adolescent and Adult Case Management                                                                                |           |            |
|                                                | General-education course that also satisfies a multicultural requirement (American cultures or international cultures) | 4         |            |
| Elective course                                |                                                                                                                        | 4         |            |
| <b>Credits</b>                                 |                                                                                                                        | <b>14</b> |            |
| <b>Total Credits</b>                           |                                                                                                                        | <b>39</b> |            |
| Course                                         | Title                                                                                                                  | Credits   | Milestones |
| <b>Fourth Year</b>                             |                                                                                                                        |           |            |
| <b>Fall</b>                                    |                                                                                                                        |           |            |
| FHS 406                                        | Practicum: [Topic]                                                                                                     | 2         |            |
| FHS 407                                        | Seminar: [Topic]                                                                                                       | 1         |            |
| FHS 496                                        | Senior Project Proposal                                                                                                | 1         |            |
| Upper-division elective courses                |                                                                                                                        | 8         |            |
| Elective course                                |                                                                                                                        | 3         |            |
| <b>Credits</b>                                 |                                                                                                                        | <b>15</b> |            |
| <b>Winter</b>                                  |                                                                                                                        |           |            |
| FHS 406                                        | Practicum: [Topic]                                                                                                     | 2         |            |
| FHS 407                                        | Seminar: [Topic]                                                                                                       | 1         |            |
| Elective courses                               |                                                                                                                        | 11        |            |
| Complete application for graduation on DuckWeb |                                                                                                                        |           |            |
| <b>Credits</b>                                 |                                                                                                                        | <b>14</b> |            |
| <b>Spring</b>                                  |                                                                                                                        |           |            |
| FHS 406                                        | Practicum: [Topic]                                                                                                     | 2         |            |
| FHS 407                                        | Seminar: [Topic]                                                                                                       | 1         |            |
| Upper-division elective courses                |                                                                                                                        | 8         |            |
| <b>Credits</b>                                 |                                                                                                                        | <b>11</b> |            |
| <b>Total Credits</b>                           |                                                                                                                        | <b>40</b> |            |

## Bachelor of Science in Family and Human Services

| Course                                       | Title                            | Credits   | Milestones |
|----------------------------------------------|----------------------------------|-----------|------------|
| <b>First Year</b>                            |                                  |           |            |
| <b>Fall</b>                                  |                                  |           |            |
| WR 121Z                                      | Composition I                    | 4         |            |
| FHS 213                                      | Issues for Children and Families | 4         |            |
| or                                           | or Exploring Family and Human    |           |            |
| FHS 215                                      | Services                         |           |            |
| or                                           | or Diversity in Human Services   |           |            |
| FHS 216                                      |                                  |           |            |
| General-education course in arts and letters |                                  | 4         |            |
| Elective course                              |                                  | 4         |            |
| <b>Credits</b>                               |                                  | <b>16</b> |            |
| <b>Winter</b>                                |                                  |           |            |
| WR 122Z                                      | Composition II                   | 4         |            |
| or WR 123                                    | or College Composition III       |           |            |
| FHS 213                                      | Issues for Children and Families | 4         |            |
| or                                           | or Exploring Family and Human    |           |            |
| FHS 215                                      | Services                         |           |            |
| or                                           | or Diversity in Human Services   |           |            |
| FHS 216                                      |                                  |           |            |
| General-education course in science          |                                  | 4         |            |
| Elective course                              |                                  | 4         |            |
| <b>Credits</b>                               |                                  | <b>16</b> |            |
| <b>Spring</b>                                |                                  |           |            |
| FHS 213                                      | Issues for Children and Families | 4         |            |
| or                                           | or Exploring Family and Human    |           |            |
| FHS 215                                      | Services                         |           |            |
| or                                           | or Diversity in Human Services   |           |            |
| FHS 216                                      |                                  |           |            |
| General-education course in arts and letters |                                  | 4         |            |
| General-education course in science          |                                  | 4         |            |
| Elective course                              |                                  | 4         |            |
| <b>Credits</b>                               |                                  | <b>16</b> |            |
| <b>Total Credits</b>                         |                                  | <b>48</b> |            |

| Course                                                                                                                 | Title | Credits   | Milestones |
|------------------------------------------------------------------------------------------------------------------------|-------|-----------|------------|
| <b>Second Year</b>                                                                                                     |       |           |            |
| <b>Fall</b>                                                                                                            |       |           |            |
| Mathematics course                                                                                                     |       | 4         |            |
| General-education course in social science                                                                             |       | 4         |            |
| General-education course in science                                                                                    |       | 4         |            |
| General-education course that also satisfies a multicultural requirement (American cultures or international cultures) |       | 4         |            |
| Prepare application for admission to the family and human services major                                               |       |           |            |
| <b>Credits</b>                                                                                                         |       | <b>16</b> |            |
| <b>Winter</b>                                                                                                          |       |           |            |
| Mathematics course                                                                                                     |       | 4         |            |
| General-education course in arts and letters                                                                           |       | 4         |            |
| General-education course in social science                                                                             |       | 4         |            |
| Elective course                                                                                                        |       | 4         |            |

Submit application for admission to the family and human services major

| Credits                                                                       |  | 16        |
|-------------------------------------------------------------------------------|--|-----------|
| <b>Spring</b>                                                                 |  |           |
| Mathematics course                                                            |  | 4         |
| General-education course in arts and letters                                  |  | 4         |
| General-education course in social science                                    |  | 4         |
| General-education course in science                                           |  | 4         |
| Complete all specified family and human services major admission requirements |  |           |
| <b>Credits</b>                                                                |  | <b>16</b> |
| <b>Total Credits</b>                                                          |  | <b>48</b> |

| Course               | Title                                           | Credits   | Milestones |
|----------------------|-------------------------------------------------|-----------|------------|
| <b>Third Year</b>    |                                                 |           |            |
| <b>Fall</b>          |                                                 |           |            |
| FHS 328              | Human Development in the Family Context         | 3         |            |
| FHS 330              | Individual Interventions in Ecological Contexts | 4         |            |
| FHS 406              | Practicum: [Topic]                              | 2         |            |
| FHS 407              | Seminar: [Topic]                                | 1         |            |
| Elective course      |                                                 | 3         |            |
| <b>Credits</b>       |                                                 | <b>13</b> |            |
| <b>Winter</b>        |                                                 |           |            |
| FHS 331              | Group and Community Interventions               | 3         |            |
| FHS 406              | Practicum: [Topic]                              | 2         |            |
| FHS 407              | Seminar: [Topic]                                | 1         |            |
| FHS 420              | Research in Human Services                      | 3         |            |
| FHS 492              | Contemporary Issues in Public Health            | 3         |            |
| <b>Credits</b>       |                                                 | <b>12</b> |            |
| <b>Spring</b>        |                                                 |           |            |
| FHS 406              | Practicum: [Topic]                              | 2         |            |
| FHS 407              | Seminar: [Topic]                                | 1         |            |
| FHS 493              | Child and Family Case Management                | 3         |            |
| or                   | or Adolescent and Adult Case                    |           |            |
| FHS 494              | Management                                      |           |            |
| Elective courses     |                                                 | 8         |            |
| <b>Credits</b>       |                                                 | <b>14</b> |            |
| <b>Total Credits</b> |                                                 | <b>39</b> |            |

| Course                          | Title                   | Credits   | Milestones |
|---------------------------------|-------------------------|-----------|------------|
| <b>Fourth Year</b>              |                         |           |            |
| <b>Fall</b>                     |                         |           |            |
| FHS 406                         | Practicum: [Topic]      | 2         |            |
| FHS 407                         | Seminar: [Topic]        | 1         |            |
| FHS 496                         | Senior Project Proposal | 1         |            |
| Upper-division elective courses |                         | 8         |            |
| Elective course                 |                         | 4         |            |
| <b>Credits</b>                  |                         | <b>16</b> |            |
| <b>Winter</b>                   |                         |           |            |
| FHS 406                         | Practicum: [Topic]      | 2         |            |
| FHS 407                         | Seminar: [Topic]        | 1         |            |

|                                                |           |
|------------------------------------------------|-----------|
| Elective courses                               | 11        |
| Complete Application for Graduation on DuckWeb |           |
| <b>Credits</b>                                 | <b>14</b> |
| <b>Spring</b>                                  |           |
| FHS 406 Practicum: [Topic]                     | 2         |
| FHS 407 Seminar: [Topic]                       | 1         |
| Upper-division elective courses                | 8         |
| <b>Credits</b>                                 | <b>11</b> |
| <b>Total Credits</b>                           | <b>41</b> |

## Family and Human Services (BEd)

240 HEDCO Education Building  
541-346-0909  
fhs@uoregon.edu

Students in the family and human services (FHS) program are committed to helping individuals improve their quality of life. Reflecting the diversity of the community and social service sector, FHS is interdisciplinary, drawing on the fields of psychology and counseling, social work, prevention science, public health, human development, and sociology.

Alongside like-minded peers, you'll analyze and create systems of community care for children and families. You'll learn how to help children and families develop effective ways to succeed in today's complex world, and you'll gain an understanding of evidenced-based interventions, prevention, and agency policy and practices.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate understanding of human services history, theories, basic social science methods, and their applications in practice.
- Systematically analyze individual, family, and community needs; plan and implement appropriate strategies and services; and evaluate effectiveness of services.
- Demonstrate interpersonal skills and awareness of their own values, personalities, power/privilege, biases, interpersonal styles and limitations.
- Demonstrate knowledge of the legal, ethical and professional standards of human service professions and demonstrate an ability to apply strategies for these standards in human service contexts.
- Demonstrate understanding of risk and protective factors across all levels of the social ecological model that promote or inhibit human functioning and health equity, and they will incorporate this knowledge when engaging with individuals, families, communities, and policymakers.

Students who major in FHS must select one emphasis area in which to complete additional coursework beyond a shared set of core courses.

- The **Prevention Science (PS)** emphasis prepares students for graduate studies and careers that will involve prevention-focused program development and evaluation.
- The **Direct Service Intensive (DSI)** emphasis prepares students for graduate studies and careers that will involve direct delivery of interventions.

## Family and Human Services Major Requirements

Courses used to fulfill the major requirements must be taken for a letter grade and passed with a grade of C- or better.

### Prevention Science Emphasis

| Code                                                | Title                                           | Credits  |
|-----------------------------------------------------|-------------------------------------------------|----------|
| <b>Premajor Core</b>                                |                                                 |          |
| FHS 213                                             | Issues for Children and Families                | 4        |
| FHS 215                                             | Exploring Family and Human Services             | 3        |
| FHS 216                                             | Diversity in Human Services                     | 4        |
| <b>Professional Studies</b>                         |                                                 |          |
| CPSY 217                                            | Foundations of Student Health and Well-Being    | 3        |
| FHS 301                                             | Writing for Human Services Professionals        | 3        |
| FHS 328                                             | Human Development in the Family Context         | 3        |
| FHS 330                                             | Individual Interventions in Ecological Contexts | 4        |
| FHS 331                                             | Group and Community Interventions               | 3        |
| FHS 420                                             | Research in Human Services                      | 3        |
| or PSY 303                                          | Research Methods in Psychology: [Topic]         |          |
| or SOC 311                                          | Research Methods                                |          |
| FHS 471                                             | Human Services Professional Ethics              | 3        |
| FHS 492                                             | Contemporary Issues in Public Health            | 3        |
| <b>Advanced Interventions &amp; Case Management</b> |                                                 | <b>3</b> |
| FHS 493                                             | Child and Family Case Management                |          |
| FHS 494                                             | Adolescent and Adult Case Management            |          |
| <b>Research Experience</b>                          |                                                 | <b>2</b> |
| FHS 401                                             | Research: [Topic]                               |          |
| <b>Equity and Diversity</b>                         |                                                 | <b>4</b> |
| ANTH 165                                            | Sexuality and Culture                           |          |
| ANTH 278                                            | Science, Race, and Society                      |          |
| ASL 301                                             | American Deaf Culture                           |          |
| ES 101                                              | Introduction to Ethnic Studies                  |          |
| ES 352                                              | Social Equity and Criminal Justice              |          |
| GLBL 250                                            | Value Systems in Cross-Cultural Perspective     |          |
| PHIL 216                                            | Philosophy and Cultural Diversity               |          |
| PHIL 307                                            | Social and Political Philosophy                 |          |
| SOC 207                                             | Social Inequality                               |          |
| SOC 313                                             | Social Issues and Movements                     |          |
| SOC 345                                             | Race and Ethnicity                              |          |
| SOC 355                                             | Sociology of Gender                             |          |
| WGS 101                                             | Introduction to Women's and Gender Studies      |          |
| WGS 201                                             | Introduction to Queer Studies                   |          |
| WGS 321                                             | Feminist Perspectives: Identity, Race, Culture  |          |
| WGS 322                                             | Queer Theory                                    |          |
| WGS 341                                             | Women, Work, and Class                          |          |
| <b>Professional Depth</b>                           |                                                 | <b>6</b> |
| FHS 329                                             | Youth Psychopathology in Context                |          |
| FHS 422                                             | Prevention Science in Practice                  |          |

|                      |                                            |           |
|----------------------|--------------------------------------------|-----------|
| FHS 423              | Prevention Science in Practice Supervision |           |
| PPPM 205             | Introduction to City Planning              |           |
| PPPM 280             | Introduction to the Nonprofit Sector       |           |
| PPPM 413             | Quantitative Methods                       |           |
| PPPM 418             | Introduction to Public Law                 |           |
| PPPM 422             | Grant Proposal Writing                     |           |
| PPPM 426             | Strategic Planning for Management          |           |
| PSY 301              | Scientific Thinking in Psychology          |           |
| PSY 309              | Psychopathology                            |           |
| PSY 366              | Culture and Mental Health                  |           |
| SOC 304              | Community, Environment, and Society        |           |
| SOC 312              | Statistical Analysis in Sociology          |           |
| STAT 243Z            | Elementary Statistics I                    |           |
| SPED 426             | Behavior and Classroom Management          |           |
| FHS 490              | Scientific Analysis in Human Services      | 3         |
| <b>Total Credits</b> |                                            | <b>54</b> |

## Family and Human Services Major Requirements

Courses used to fulfill the major requirements must be taken for a letter grade and passed with a grade of C- or better.

### Direct Service Intensive Emphasis

| Code                                                | Title                                           | Credits  |
|-----------------------------------------------------|-------------------------------------------------|----------|
| <b>Premajor Core</b>                                |                                                 |          |
| FHS 213                                             | Issues for Children and Families                | 4        |
| FHS 215                                             | Exploring Family and Human Services             | 3        |
| FHS 216                                             | Diversity in Human Services                     | 4        |
| <b>Professional Studies</b>                         |                                                 |          |
| CPSY 217                                            | Foundations of Student Health and Well-Being    | 3        |
| FHS 301                                             | Writing for Human Services Professionals        | 3        |
| FHS 328                                             | Human Development in the Family Context         | 3        |
| FHS 330                                             | Individual Interventions in Ecological Contexts | 4        |
| FHS 331                                             | Group and Community Interventions               | 3        |
| FHS 420                                             | Research in Human Services                      | 3        |
| or PSY 303                                          | Research Methods in Psychology: [Topic]         |          |
| or SOC 311                                          | Research Methods                                |          |
| FHS 471                                             | Human Services Professional Ethics              | 3        |
| FHS 492                                             | Contemporary Issues in Public Health            | 3        |
| <b>Advanced Interventions &amp; Case Management</b> |                                                 | <b>3</b> |
| FHS 493                                             | Child and Family Case Management                |          |
| FHS 494                                             | Adolescent and Adult Case Management            |          |
| <b>Research Experience</b>                          |                                                 | <b>1</b> |
| FHS 401                                             | Research: [Topic]                               |          |
| <b>Equity and Diversity</b>                         |                                                 | <b>4</b> |
| ANTH 165                                            | Sexuality and Culture                           |          |
| ANTH 278                                            | Science, Race, and Society                      |          |
| ASL 301                                             | American Deaf Culture                           |          |
| ES 101                                              | Introduction to Ethnic Studies                  |          |
| ES 352                                              | Social Equity and Criminal Justice              |          |

|                                            |                                                |           |
|--------------------------------------------|------------------------------------------------|-----------|
| GLBL 250                                   | Value Systems in Cross-Cultural Perspective    |           |
| PHIL 216                                   | Philosophy and Cultural Diversity              |           |
| PHIL 307                                   | Social and Political Philosophy                |           |
| SOC 207                                    | Social Inequality                              |           |
| SOC 313                                    | Social Issues and Movements                    |           |
| SOC 345                                    | Race and Ethnicity                             |           |
| SOC 355                                    | Sociology of Gender                            |           |
| WGS 101                                    | Introduction to Women's and Gender Studies     |           |
| WGS 201                                    | Introduction to Queer Studies                  |           |
| WGS 321                                    | Feminist Perspectives: Identity, Race, Culture |           |
| WGS 322                                    | Queer Theory                                   |           |
| WGS 341                                    | Women, Work, and Class                         |           |
| <b>Professional Depth</b>                  |                                                | <b>6</b>  |
| FHS 329                                    | Youth Psychopathology in Context               |           |
| FHS 422                                    | Prevention Science in Practice                 |           |
| FHS 423                                    | Prevention Science in Practice Supervision     |           |
| PPPM 205                                   | Introduction to City Planning                  |           |
| PPPM 280                                   | Introduction to the Nonprofit Sector           |           |
| PPPM 413                                   | Quantitative Methods                           |           |
| PPPM 418                                   | Introduction to Public Law                     |           |
| PPPM 422                                   | Grant Proposal Writing                         |           |
| PPPM 426                                   | Strategic Planning for Management              |           |
| PSY 301                                    | Scientific Thinking in Psychology              |           |
| PSY 309                                    | Psychopathology                                |           |
| PSY 366                                    | Culture and Mental Health                      |           |
| SOC 304                                    | Community, Environment, and Society            |           |
| SOC 312                                    | Statistical Analysis in Sociology              |           |
| STAT 243Z                                  | Elementary Statistics I                        |           |
| SPED 426                                   | Behavior and Classroom Management              |           |
| <b>Human Services: Practice</b>            |                                                | <b>8</b>  |
| FHS 472                                    | Human Services in Practice                     |           |
| <b>Human Services Practice Supervision</b> |                                                | <b>4</b>  |
| FHS 473                                    | Human Services in Practice Supervision         |           |
| <b>Total Credits</b>                       |                                                | <b>62</b> |

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

In addition to required course work, those working toward all degrees listed below must participate in work or volunteer experiences related to human services and maintain a cumulative grade point average (GPA) of 2.50 or better.

## Bachelor of Education in Family and Human Services

| Course            | Title         | Credits | Milestones |
|-------------------|---------------|---------|------------|
| <b>First Year</b> |               |         |            |
| <b>Fall</b>       |               |         |            |
| WR 121Z           | Composition I | 4       |            |

|                                                                             |                                                                                                                 |                           |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------|
| FHS 213<br>or<br>FHS 215<br>or<br>FHS 216                                   | Issues for Children and Families<br>or Exploring Family and Human<br>Services<br>or Diversity in Human Services | 4                         |
| General-education course in arts and letters                                |                                                                                                                 | 4                         |
| Elective course                                                             |                                                                                                                 | 4                         |
| <b>Credits</b>                                                              |                                                                                                                 | <b>16</b>                 |
| <b>Winter</b>                                                               |                                                                                                                 |                           |
| WR 122Z<br>or WR 123                                                        | Composition II<br>or College Composition III                                                                    | 4                         |
| FHS 213<br>or<br>FHS 215<br>or<br>FHS 216                                   | Issues for Children and Families<br>or Exploring Family and Human<br>Services<br>or Diversity in Human Services | 4                         |
| General-education course in science                                         |                                                                                                                 | 4                         |
| Elective course                                                             |                                                                                                                 | 4                         |
| <b>Credits</b>                                                              |                                                                                                                 | <b>16</b>                 |
| <b>Spring</b>                                                               |                                                                                                                 |                           |
| Multicultural course in American cultures or<br>international cultures      |                                                                                                                 | 4                         |
| FHS 213<br>or<br>FHS 215<br>or<br>FHS 216                                   | Issues for Children and Families<br>or Exploring Family and Human<br>Services<br>or Diversity in Human Services | 4                         |
| General-education course in arts and letters                                |                                                                                                                 | 4                         |
| Elective course                                                             |                                                                                                                 | 4                         |
| <b>Credits</b>                                                              |                                                                                                                 | <b>16</b>                 |
| <b>Total Credits</b>                                                        |                                                                                                                 | <b>48</b>                 |
| <b>Course</b>                                                               | <b>Title</b>                                                                                                    | <b>Credits Milestones</b> |
| <b>Second Year</b>                                                          |                                                                                                                 |                           |
| <b>Fall</b>                                                                 |                                                                                                                 |                           |
| General-education course in arts and letters                                |                                                                                                                 | 4                         |
| General-education course in social science                                  |                                                                                                                 | 4                         |
| General-education course in science                                         |                                                                                                                 | 4                         |
| Elective course                                                             |                                                                                                                 | 4                         |
| Prepare application for admission to the family and<br>human services major |                                                                                                                 |                           |
| <b>Credits</b>                                                              |                                                                                                                 | <b>16</b>                 |
| <b>Winter</b>                                                               |                                                                                                                 |                           |
| General-education course in arts and letters                                |                                                                                                                 | 4                         |
| General-education course in social science                                  |                                                                                                                 | 4                         |
| General-education course in science                                         |                                                                                                                 | 4                         |
| Elective course                                                             |                                                                                                                 | 4                         |
| Submit application for admission to the family and<br>human services major  |                                                                                                                 |                           |
| <b>Credits</b>                                                              |                                                                                                                 | <b>16</b>                 |
| <b>Spring</b>                                                               |                                                                                                                 |                           |
| General-education course in social science                                  |                                                                                                                 | 4                         |
| General-education course in science                                         |                                                                                                                 | 4                         |
| Elective courses                                                            |                                                                                                                 | 8                         |

|                                                                                  |                                                                                |                           |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------|
| Complete all specified family and human services<br>major admission requirements |                                                                                |                           |
| <b>Credits</b>                                                                   |                                                                                | <b>16</b>                 |
| <b>Total Credits</b>                                                             |                                                                                | <b>48</b>                 |
| <b>Course</b>                                                                    | <b>Title</b>                                                                   | <b>Credits Milestones</b> |
| <b>Third Year</b>                                                                |                                                                                |                           |
| <b>Fall</b>                                                                      |                                                                                |                           |
| FHS 328                                                                          | Human Development in the Family<br>Context                                     | 3                         |
| FHS 330                                                                          | Individual Interventions in Ecological<br>Contexts                             | 4                         |
| FHS 406                                                                          | Practicum: [Topic]                                                             | 2                         |
| FHS 407                                                                          | Seminar: [Topic]                                                               | 1                         |
| Elective course                                                                  |                                                                                |                           |
| <b>Credits</b>                                                                   |                                                                                | <b>10</b>                 |
| <b>Winter</b>                                                                    |                                                                                |                           |
| FHS 331                                                                          | Group and Community Interventions                                              | 3                         |
| FHS 406                                                                          | Practicum: [Topic]                                                             | 2                         |
| FHS 407                                                                          | Seminar: [Topic]                                                               | 1                         |
| FHS 420                                                                          | Research in Human Services                                                     | 3                         |
| FHS 492                                                                          | Contemporary Issues in Public Health                                           | 3                         |
| <b>Credits</b>                                                                   |                                                                                | <b>12</b>                 |
| <b>Spring</b>                                                                    |                                                                                |                           |
| FHS 406                                                                          | Practicum: [Topic]                                                             | 2                         |
| FHS 407                                                                          | Seminar: [Topic]                                                               | 1                         |
| FHS 493<br>or<br>FHS 494                                                         | Child and Family Case Management<br>or Adolescent and Adult Case<br>Management | 3                         |
| Elective courses                                                                 |                                                                                | 8                         |
| <b>Credits</b>                                                                   |                                                                                | <b>14</b>                 |
| <b>Total Credits</b>                                                             |                                                                                | <b>36</b>                 |
| <b>Course</b>                                                                    | <b>Title</b>                                                                   | <b>Credits Milestones</b> |
| <b>Fourth Year</b>                                                               |                                                                                |                           |
| <b>Fall</b>                                                                      |                                                                                |                           |
| FHS 406                                                                          | Practicum: [Topic]                                                             | 2                         |
| FHS 407                                                                          | Seminar: [Topic]                                                               | 1                         |
| FHS 496                                                                          | Senior Project Proposal                                                        | 1                         |
| Upper-division elective courses                                                  |                                                                                | 8                         |
| Elective course                                                                  |                                                                                | 4                         |
| <b>Credits</b>                                                                   |                                                                                | <b>16</b>                 |
| <b>Winter</b>                                                                    |                                                                                |                           |
| FHS 406                                                                          | Practicum: [Topic]                                                             | 2                         |
| FHS 407                                                                          | Seminar: [Topic]                                                               | 1                         |
| Elective courses                                                                 |                                                                                | 11                        |
| Complete application for graduation on DuckWeb                                   |                                                                                |                           |
| <b>Credits</b>                                                                   |                                                                                | <b>14</b>                 |
| <b>Spring</b>                                                                    |                                                                                |                           |
| FHS 406                                                                          | Practicum: [Topic]                                                             | 2                         |
| FHS 407                                                                          | Seminar: [Topic]                                                               | 1                         |



|                                 |           |
|---------------------------------|-----------|
| Upper-division elective courses | 8         |
| <b>Credits</b>                  | <b>11</b> |
| <b>Total Credits</b>            | <b>41</b> |

## Counseling, Family, and Human Services (MEd)

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Professionalism and Ethical Conduct:** Students will develop an understanding of professional conduct and ethical standards and will demonstrate an ability to effectively apply their knowledge in clinical practice.
- **Scientific Inquiry and Critical Evaluation:** Students will develop an ability to critically evaluate the research literature and demonstrate an understanding of the relationship between research results and clinical decision-making.
- **Theoretical Foundations:** Students will gain an understanding of the core theoretical assertions of couples and family therapy and will critically assess their own systems-oriented theory of change.
- **Social Context and Diversity:** Students will develop attitudes that value human diversity, will practice culturally sensitive analysis and critical self-awareness when counseling diverse populations, and will demonstrate cultural competence in all professional activities.
- **Clinical Application:** Students will develop an understanding of the unique systemically oriented assessment and intervention competencies, will apply them effectively in practice, and will critically evaluate their own practice.

#### Objectives:

**Professionalism and Ethical Conduct:** Students will develop an understanding of professional conduct and ethical standards and will demonstrate an ability to effectively apply their knowledge in clinical practice.

#### Objectives:

- Students will gain knowledge of couples and family therapy legal, ethical and professional standards and will demonstrate an ability to apply decision-making protocols and strategies in clinical and research contexts.
- Students will investigate and clarify their beliefs and values regarding clinical practice and ethical decision making.
- Students will collaborate effectively with a variety of professionals, including for instance physicians, psychologists, social workers, family law specialists, teachers, school counselors, members of the legal system and clergy.

**Scientific Inquiry and Critical Evaluation:** Students will develop an ability to critically evaluate the research literature and demonstrate an understanding of the relationship between research results and clinical decision-making.

#### Objectives:

- Students will develop an understanding of core principles of quantitative and qualitative research methodology and will

demonstrate an ability to critically evaluate the merits of a given study.

- Students will demonstrate an understanding of ethical issues associated with research, with particular emphasis on research with human subjects and social justice.
- Students will be able to describe their procedures for incorporating empirically supported and evidence-based literature in practice and will demonstrate an ability to critically evaluate this literature from a systemic framework.

**Theoretical Foundations:** Students will gain an understanding of the core theoretical assertions of couples and family therapy and will critically assess their own systems-oriented theory of change.

#### Objectives:

- Students will develop an understanding of systemic epistemologies and core systemic constructs.
- Students will demonstrate an ability to apply systemic constructs in diverse settings and with diverse populations, with particular emphasis on clinical assessment, diagnosis, intervention, and evaluation of practice.
- Students will understand the distinction between eclecticism and theoretical integration and will demonstrate an ability to create a coherent theory of change that integrates systems theory, communications theory, and the evidence-based, common factors and trans-theoretical literatures.

**Social Context and Diversity:** Students will develop attitudes that value human diversity, will practice culturally sensitive analysis and critical self-awareness when counseling diverse populations, and will demonstrate cultural competence in all professional activities.

#### Objectives:

- Students will adopt a practice framework that incorporates critical consciousness, self-awareness, and knowledge of the relationship between diverse life experiences, human development, and the role of diversity in resolving conflict.
- Students will demonstrate an ability to critically evaluate the role of social context in understanding and resolving human conflict, including issues such as social class, power, privilege, oppression, sexism, and injustice.
- Students will thoughtfully incorporate their knowledge of social context and diversity when conducting a clinical assessment, constructing interventions, and evaluating practice.

### Master of Education Degree Requirements

| Code                 | Title                         | Credits    |
|----------------------|-------------------------------|------------|
|                      | Psychological foundations     | 15         |
|                      | Research competencies         | 20         |
|                      | Practitioner competencies     | 54         |
|                      | Professional competencies     | 7          |
|                      | Elective courses and seminars | 18         |
| <b>Total Credits</b> |                               | <b>114</b> |

### Couples and Family Therapy (MS)

**Jeff Todahl, Program Director**  
240 HEDCO Education Building  
541-346-0909

cft@uoregon.edu

This two-year program trains students as professional family therapists in preparation for state licensure. This intensive training combines a strong theoretical base in systemic therapy with applied clinical experience. Students learn how to provide culturally sensitive and responsive therapeutic services and collaborate with providers from other disciplines across a variety of health-care settings.

The clinical practicum includes 500 client contact hours with 200 hours in relational systems (50 percent with couples or families) and 80 hours of individual and group supervision. Supervision at the Center for Healthy Relationships involves live observation, participation in reflecting teams, and feedback on audiovisual recordings of therapy sessions. In addition, students see clients at community agencies, clinics, and therapist practices. The Couples and Family Therapy Program is one of two programs in Oregon to be accredited by the Commission on Accreditation for Marriage and Family Therapy Education and approved by the Oregon Board of Licensed Professional Counselors and Therapists. Students of the program also have the option to complete a research project and formal thesis as well as the Spanish language specialization in addition to the standard program of courses.

Application and Admission

Detailed admission policies and procedures for the couples and family therapy specialization are available on the couples and family therapy website. Students are admitted fall term only. Completed applications must be received by the deadline published on the website for the following fall term. Only completed applications are reviewed for admission. Applicants are evaluated on the following:

- 1. Quality of work
- 2. Related work, background, or experience
- 3. Résumé with statement of purpose
- 4. Diversity essay response
- 5. Three letters of recommendation
- 6. An interview

Notices about disposition of applications are mailed by April 15.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Professionalism and Ethical Conduct: Students will demonstrate an understanding of professional conduct and ethical standards and will demonstrate an ability to effectively apply their knowledge in clinical practice.
- Scientific Inquiry and Critical Evaluation: Students will demonstrate an ability to critically evaluate the research literature and demonstrate an understanding of the relationship between research results and clinical decision-making.
- Theoretical Foundations: Students will demonstrate an understanding of the core theoretical assertions of couples and family therapy and will critically assess their own systems-oriented theory of change.
- Social Context and Diversity: Students will demonstrate attitudes that value human diversity, will practice culturally sensitive analysis and critical self-awareness when counseling diverse populations, and will demonstrate cultural competence in all professional activities.
- Clinical Application: Students will demonstrate an understanding of the unique systemically oriented assessment and intervention

competencies, will apply them effectively in practice, and will critically evaluate their own practice.

Applicants must pass a criminal background check before they may enroll.

Couples and Family Therapy Major

| Code          | Title                             | Credits |
|---------------|-----------------------------------|---------|
|               | Theoretical foundations           | 19      |
|               | Individual and family development | 25      |
|               | Research competencies             | 4       |
|               | Professional ethics               | 4       |
|               | Clinical practice                 | 28      |
|               | Additional courses                | 10      |
| Total Credits |                                   | 90      |

Prevention Science (MEd)

Nicole Giuliani and Nichole Kelly, Program Directors  
240 HEDCO Education Building  
541-346-9148  
prevsci@uoregon.edu

If you are passionate about promoting the health and well-being of individuals, families, and communities, our program is for you. It provides training in the design, evaluation, and delivery of interventions aimed at reducing risk and enhancing protective factors in children, youth, and families, and building resilient communities.

Our strengths-based program is designed to produce culturally-competent prevention scientists capable of advancing healthy outcomes across diverse settings.

The one-year master of education (MEd) degree in prevention science is primarily intended for:

- 1. Students who have completed a bachelor's degree in a prevention science-related discipline or have human development, psychology, education, or prevention science experience, are currently working in the profession, and wish to enhance their education to improve their career opportunities in the field
- 2. Students who wish to refocus their education from a nonscience or noneducation bachelor's background, such as a humanities undergraduate degree, to gain training and skill development relevant to prevention science, program evaluation, and research in the human services professions for future career or academic study interests
- 3. Students who are considering pursuing doctoral study or additional applied master's training and wish to improve their content knowledge and research skills to make themselves more competitive for other, more advanced graduate programs

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

## Prevention Science Major Requirements

| Code                              | Title                                                        | Credits   |
|-----------------------------------|--------------------------------------------------------------|-----------|
| PREV 601                          | Research: [Topic]                                            | 2         |
| PREV 605                          | Reading and Conference: [Topic] (Prev Sci)                   | 1         |
| PREV 607                          | Seminar: [Topic] (Capstone)                                  | 6         |
| PREV 631                          | Introduction to Prevention Science                           | 3         |
| PREV 633                          | Contemporary Issues in Public Health                         | 3         |
| CPSY 621                          | Lifespan Developmental Psychology                            | 3         |
| CPSY 645                          | Health Promotion and Equity (or other health related course) | 3         |
| EDUC 612                          | Social Science and Education Research Design                 | 3         |
| EDUC 614                          | Educational Statistics                                       | 3         |
| EDUC 640                          | Applied Statistical Design and Analysis                      | 3         |
| or EDUC 630                       | Qualitative Methodology I: Interpretivist Inquiry            | 3         |
| <b>Electives</b> <sup>1</sup>     |                                                              | <b>15</b> |
| PREV 605                          | Reading and Conference: [Topic]                              |           |
| PREV 610                          | Experimental Course: [Topic] (PREV 635 Prevention & Policy)  |           |
| PREV 632                          |                                                              |           |
| PREV 634                          | Implementation Science                                       |           |
| EDLD 623                          |                                                              |           |
| CPSY 610                          | Experimental Course: [Topic]                                 |           |
| CPSY 614                          | Theories of Counseling                                       |           |
| CPSY 617                          | Theories of Career Development                               |           |
| SPSY 610                          | Experimental Course: [Topic]                                 |           |
| SPSY 617                          |                                                              |           |
| SPSY 631                          | Academic and Behavioral Interventions                        |           |
| SPED 511                          | Foundations of Disability I                                  |           |
| <b>Capstone Project</b>           |                                                              |           |
| <b>Total Credits Requirement:</b> |                                                              | <b>45</b> |

<sup>1</sup> Partial listing of elective options. Please contact the department for a complete list.

## Prevention Science (MS)

**Nicole Giuliani and Nichole Kelly, Program Directors**  
 240 HEDCO Education Building  
 541-346-9148  
[prevsci@uoregon.edu](mailto:prevsci@uoregon.edu)

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Design, carry out, and evaluate research studies that contribute to the prevention science literature.
- Demonstrate skill in disseminating their work to diverse audiences via formal academic presentations, instructional activities, and professional/academic writing.
- Demonstrate awareness and understanding of diversity and contextual issues such as culture, identity, ethnicity, gender, sexual orientation, disability, marginalization, poverty, inequality, and religion in their research, applied activities, and professional behavior. \

- Demonstrate honesty, personal responsibility, and knowledge and appropriate application of relevant ethical and legal codes related to prevention science (e.g., APA Ethical Standards).

## Master of Science in Prevention Science

| Code                             | Title                                        | Credits   |
|----------------------------------|----------------------------------------------|-----------|
| <b>Psychological Foundations</b> |                                              | <b>19</b> |
| CPSY 621                         | Lifespan Developmental Psychology            |           |
| PREV 631                         | Introduction to Prevention Science           |           |
| PREV 633                         | Contemporary Issues in Public Health         |           |
| PREV 634                         | Implementation Science                       |           |
| CPSY 645                         | Health Promotion and Equity                  |           |
| SPSY 650                         | Developmental Psychopathology                |           |
| <b>Research Methods</b>          |                                              | <b>15</b> |
| EDUC 612                         | Social Science and Education Research Design |           |
| EDUC 614                         | Educational Statistics                       |           |
| EDUC 640                         | Applied Statistical Design and Analysis      |           |
| EDUC 642                         | Multiple Regression in Educational Research  |           |
| EDUC 644                         | Applied Multivariate Statistics              |           |
| <b>Professional Foundations</b>  |                                              | <b>9</b>  |
| PREV 611                         | Capstone Seminar I                           |           |
| <b>Research/Reading</b>          |                                              | <b>13</b> |
| PREV 601                         | Research: [Topic]                            |           |
| <b>Electives:</b>                |                                              | <b>9</b>  |
| PREV 605                         | Reading and Conference: [Topic]              |           |
| PREV 610                         | Experimental Course: [Topic]                 |           |
| PREV 632                         |                                              |           |
| PREV 634                         | Implementation Science                       |           |
| EDLD 623                         |                                              |           |
| CPSY 610                         | Experimental Course: [Topic]                 |           |
| CPSY 614                         | Theories of Counseling                       |           |
| CPSY 617                         | Theories of Career Development               |           |
| SPSY 610                         | Experimental Course: [Topic]                 |           |
| SPSY 617                         |                                              |           |
| SPSY 631                         | Academic and Behavioral Interventions        |           |
| SPED 511                         | Foundations of Disability I                  |           |
| <b>Master's Research Project</b> |                                              |           |
| <b>Total Credits</b>             |                                              | <b>65</b> |

## Prevention Science (PhD)

**Nicole Giuliani and Nichole Kelly, Program Directors**  
 240 HEDCO Education Building  
 541-346-9148  
[prevsci@uoregon.edu](mailto:prevsci@uoregon.edu)

The doctoral program leads to a doctor of philosophy (PhD) degree in prevention science. This research-intensive degree program can be completed in four years, with students earning an MS en route to the PhD. This program is intended for students who have completed a bachelor's or master's degree in a prevention science–related discipline or have significant human development, psychology, social science, education, or prevention science experience. Students must complete a

PhD dissertation that demonstrates a high standard of scholarship and the ability to conduct independent, original research.

Program Goals and Competencies

Goals

- **Goal 1.** Graduates describe theoretical models, risk and protective factors, preventive interventions (especially evidence-based ones), and implementation practices related to prevention programs and policies for diverse populations
- **Goal 2.** Graduates understand and adhere to the standards of knowledge for prevention science, including best practices in research design and methods, data analysis, interpretation, dissemination and rigorous ethical practice
- **Goal 3.** Graduates commit to multicultural competence and enhancing human welfare in their scholarly work related to prevention science
- **Goal 4.** Graduates display professionalism in their relationships with faculty and staff members, peers, and community partners in diverse settings

Competencies

Learning objectives for the prevention science graduate programs focus on preparing students to achieve the following set of minimum competencies that accompany the stated program goals:

- **Competency 1.** Students describe the origins, foundations, and standards of prevention science (Goal 2)
- **Competency 2.** Students design and carry out theoretically grounded research studies that contribute to the literature on risk and protective factors, and identify their mechanisms of influence associated with behavioral health outcomes across the lifespan (Goal 1, 2, 3)
- **Competency 3.** Students demonstrate knowledge of evidence-based preventive interventions and policies and understand how to apply prevention science theories to the design, implementation, and evaluation of preventive interventions (Goal 1, 2, 3, 4)
- **Competency 4.** Students integrate knowledge of research design, quantitative methods, data analysis, and multimethod, multiagent assessment methods commonly used in prevention science into their research activities (Goal 2)
- **Competency 5.** Students demonstrate skill in disseminating their work to diverse audiences via formal academic presentations, instructional activities, and professional or academic writing (Goal 1, 2, 3, 4)
- **Competency 6.** Students demonstrate awareness and understanding of diversity and contextual issues such as culture, identity, ethnicity, gender, sexual orientation, disability, marginalization, poverty, inequality, and religion in their research, applied activities, and professional behavior (Goal 1, 3, 4)
- **Competency 7.** Students indicate a commitment to continuous learning and professional development by establishing and maintaining effective professional relationships with faculty members, research and teaching supervisors, collaborators, participants, agency personnel, peers, and staff, and being responsive to constructive feedback (Goal 4)
- **Competency 8.** Students demonstrate honesty, personal responsibility, and knowledge and appropriate application of relevant ethical and legal codes related to prevention science (e.g., American Psychological Association ethical standards) (Goal 4)

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Design, carry out, and evaluate research studies that contribute to the prevention science literature.
- Demonstrate skill in disseminating their work to diverse audiences via formal academic presentations, instructional activities, and professional/academic writing.
- Demonstrate awareness and understanding of diversity and contextual issues such as culture, identity, ethnicity, gender, sexual orientation, disability, marginalization, poverty, inequality, and religion in their research, applied activities, and professional behavior.
- Demonstrate honesty, personal responsibility, and knowledge and appropriate application of relevant ethical and legal codes related to prevention science (e.g., APA Ethical Standards).

The course work lays a solid foundation for students interested in careers in academia or local, state, or national prevention and public health agencies.

PhD Requirements

| Code                                                            | Title                              | Credits |
|-----------------------------------------------------------------|------------------------------------|---------|
| Nine courses in psychological foundations                       |                                    | 30      |
| Eight courses in doctoral-level research methods and statistics |                                    | 32      |
|                                                                 | Research                           | 4       |
|                                                                 | Specialty area courses             | 9       |
|                                                                 | Dissertation course                | 18      |
|                                                                 | Research seminar                   | 8       |
|                                                                 | Grant-writing course               | 3       |
|                                                                 | Supervised college teaching course | 1       |
| Total Credits                                                   |                                    | 105     |

Counseling Psychology (PhD)

240 HEDCO Education Building  
541-346-9148  
cpsy@uoregon.edu

The doctoral program is the only counseling psychology program in the Pacific Northwest that is accredited by the American Psychological Association Commission on Accreditation (750 First Street NE, Washington, DC 20002-4242, 202-336-5979), and it is recognized as acceptable for licensure by the Oregon Board of Psychologist Examiners. The program has been accredited since 1955.

Earning a doctoral degree in counseling psychology typically requires five to six years of study beyond the bachelor's degree. This period includes a one-year, full-time, supervised predoctoral internship. Students must complete a PhD dissertation that demonstrates a high standard of scholarship and the ability to conduct independent, original research. Students may enter the program with a bachelor's or a master's degree.

The program follows an ecological model of training embedded in the scientist-practitioner tradition. Students learn to use evidence-based preventive and remedial intervention strategies for working with individuals, children, families, and groups within their many contexts. This includes training in culturally sensitive assessment and intervention strategies designed to increase understanding and effect change at all



levels. Students engage in critical reflection on the science and practice of health service psychology and social justice advocacy as core to their training.

The doctoral program prepares health service psychologists specializing in counseling psychology who can make a significant contribution to the field through scholarly research and professional practice. Students participate in integrated classroom, practicum, and fieldwork activities in research, prevention, and intervention with children and adults, families, groups, and communities. Training experience may be had at the UO Counseling Center, Oregon State University Counseling and Psychological Services, Lane Community College Counseling Department, UO Prevention Science Institute, and in community agencies or nonprofit research centers.

Graduates are prepared to work as researchers, practitioners, and educators in research institutions, institutions of higher education, medical settings, managed and integrated health-care organizations, community college and university counseling centers, community mental health centers, juvenile corrections agencies, human resources departments in business, and career counseling agencies.

## Application and Admission

Students are admitted fall term only. Prospective applicants may find detailed admission policies and procedures on the counseling psychology website (<https://education.uoregon.edu/program/prevention-science/>). The closing date for receipt of completed applications is posted on the website for entry the following fall term. Notices about the disposition of applications are e-mailed by April 15.

Applicants are evaluated on the following:

1. Academic record
2. Graduate Record Examinations (GRE) general test scores
3. Related work, research, and life experiences
4. Statement of purpose in seeking admission
5. Letters of recommendation
6. An interview

Only completed applications are reviewed. The application process is online only; see the website for procedures.

Graduate training includes research training, completion of a predissertation research project, and completion of a dissertation as well as practicum and internship placements in which students work with children and adults, families, groups, and communities.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Research:** Demonstrate the substantially independent ability to formulate research or other scholarly activities (e.g., critical literature reviews, dissertation, efficacy studies, clinical case studies, theoretical papers, program evaluation projects, program development projects) that are of sufficient quality and rigor to have the potential to contribute to the scientific, psychological, or professional knowledge base. Conduct research or other scholarly activities. Critically evaluate and disseminate research or other scholarly activity via professional publication and presentation at the local (including the host institution), regional, or national level.
- **Ethical and legal standards:** Be knowledgeable of, and act in accordance with, each of the following: the current version of the

APA Ethical Principles of Psychologists and Code of Conduct; Relevant laws, regulations, rules, and policies governing health service psychology at the organizational, local, state, regional, and federal levels; and Relevant professional standards and guidelines. Recognize ethical dilemmas as they arise and apply ethical decision-making processes in order to resolve the dilemmas. Conduct self in an ethical manner in all professional activities.

- **Individual and cultural diversity:** Have an understanding of how their own personal/cultural history, attitudes, and biases may affect how they understand and interact with people different from themselves. Be knowledge of the current theoretical and empirical knowledge base as it relates to addressing diversity in all professional activities, including research, training, supervision/consultation, and service. Have the ability to integrate awareness and knowledge of individual and cultural differences in the conduct of professional roles (e.g., research, services, and other professional activities). This includes the ability to apply a framework for working effectively with areas of individual and cultural diversity not previously encountered during the course of their careers. Also included is the ability to work effectively with individuals whose group membership, demographic characteristics, or worldviews create conflict with their own. Demonstrate the requisite knowledge base and ability to articulate an approach to working effectively with diverse individuals and groups, and apply this approach effectively in their professional work.
- **Professional values, attitudes, and behaviors:** Behave in ways that reflect the values and attitudes of psychology, including integrity, deportment, professional identity, accountability, lifelong learning, and concern for the welfare of others. Engage in self-reflection regarding one's personal and professional functioning; engage in activities to maintain and improve performance, well-being, and professional effectiveness. Actively seek and demonstrate openness and responsiveness to feedback and supervision. Respond professionally in increasingly complex situations with a greater degree of independence as they progress across levels of training.
- **Communication and interpersonal skills:** Develop and maintain effective relationships with a wide range of individuals, including colleagues, communities, organizations, supervisors, supervisees, and those receiving professional services. Produce and comprehend oral, nonverbal, and written communications that are informative and well integrated; demonstrate a thorough grasp of professional language and concepts. Demonstrate effective interpersonal skills and the ability to manage difficult communication well.
- **Assessment:** Select and apply assessment methods that draw from the best available empirical literature and that reflect the science of measurement and psychometrics; collect relevant data using multiple sources and methods appropriate to the identified goals and questions of the assessment as well as relevant diversity characteristics of the service recipient. Interpret assessment results, following current research and professional standards and guidelines, to inform case conceptualization, classification, and recommendations, while guarding against decision-making biases, distinguishing the aspects of assessment that are subjective from those that are objective. Communicate orally and in written documents the findings and implications of the assessment in an accurate and effective manner sensitive to a range of audiences.
- **Intervention:** Establish and maintain effective relationships with the recipients of psychological services. Develop evidence-based intervention plans specific to the service delivery goals. Implement interventions informed by the current scientific literature, assessment findings, diversity characteristics, and contextual



- variables. Demonstrate the ability to apply the relevant research literature to clinical decision making. Modify and adapt evidence-based approaches effectively when a clear evidence base is lacking. Evaluate intervention effectiveness and adapt intervention goals and methods consistent with ongoing evaluation.
- Supervision: Demonstrate knowledge of supervision models and practices.
  - Consultation and interprofessional/interdisciplinary skills: Demonstrate knowledge and respect for the roles and perspectives of other professions. Demonstrate knowledge of consultation models and practices.
  - History and systems of psychology: Demonstrate knowledge of general systems and theoretical models in psychology as a general field and in Counseling Psychology as a specific discipline in applied psychology.
  - Basic Psychology Core knowledge areas: Demonstrate basic competency in core knowledge areas of general psychology, including individual and developmental aspects of behavior, biological/physiological aspects of behavior, cultural and social psychology, and cognitive and affective aspects of behavior.
  - Advanced integrative knowledge of basic discipline specific content areas: Demonstrate Advanced and Integrative in core knowledge areas of general psychology and application to applied psychology and research practice, including individual and developmental aspects of behavior, biological/physiological aspects of behavior, cultural and social psychology, and cognitive and affective aspects of behavior.
  - Research methods: This is a Discipline-specific focused component of LO1 (Research).
  - Quantitative methods: This is a Discipline-specific focused component of LO1 (Research).
  - Psychometrics: This is a component of LO1 (Research) and LO6 (Assessment).

PhD Requirements

| Code                                                                   | Title        | Credits |
|------------------------------------------------------------------------|--------------|---------|
| Courses in psychological foundations and discipline-specific knowledge |              | 24      |
| Courses in research methods, design, statistics, and measurement       |              | 48      |
| Dissertation                                                           |              | 18      |
| CPSY 603                                                               | Dissertation |         |
| Practitioner competencies                                              |              | 57      |
| Professional competencies                                              |              | 12      |
| Additional courses                                                     |              | 6       |
| Total Credits                                                          |              | 165     |

Counseling Psychology and Human Services Graduate Specializations

- Prevention Science (p. 518)
- Spanish Language Psychological Service and Research (p. 518)

Please contact the department for more information.

Ellen McWhirter, Director

240 HEDCO Education Building  
541-346-9148  
slpsr@uoregon.edu

The 16-credit Spanish language psychological service and research specialization addresses the deficit in family-centered prevention services for the Spanish-speaking Latino community. It is open to students enrolled in the accredited graduate programs of counseling psychology, couples and family therapy, and school psychology who also meet the eligibility criteria. The specialization provides students with skills to support the provision of culturally relevant mental health services and research in Spanish for Latino populations. It is designed to enhance preexisting linguistic and multicultural competencies and increase cultural understanding of US Spanish-speaking populations. Students critically assess the unique social, historical, political, and cultural contexts that shape the experiences of Latinos in the United States, with particular attention to conditions of social injustice and inequity, and how such conditions influence the health and well-being of Latino Spanish-speaking communities.

Eligibility for this specialization includes maintaining good standing in one of the three specified College of Education graduate programs focused on mental health services, approval from the student's advisor and the director of the specialization, and preexisting competencies in Spanish.

Education Studies

Joanna Goode, Department Head  
541-346-2826  
125D Lorry I. Lokey Education Building

License and degree programs in the Department of Education Studies prepare professionals to work in education. For teaching in elementary grade levels (K–5), the undergraduate major in educational foundations leads to a bachelor of arts (BA) or bachelor of science (BS) degree in educational foundations. Undergraduates may also earn a certificate in education foundations—secondary. For teaching in secondary grade levels (6–12), the certificate in educational foundations—secondary is intended to complement the subject area major.

The master's-level programs include

1. a degree in curriculum and teaching with a specialization in elementary multiple subjects education or secondary education, which includes a recommendation for a state-approved teaching license and a master of education (MEd) degree
2. a program in curriculum and teacher education for those already holding a teaching license and are seeking a master of science (MS) degree
3. a degree in education policy and leadership (EPoL) that combines methodological training, theoretical grounding, and practical expertise in US education policy, evidence-based decision-making, organizational leadership, and policy-making processes
4. add-on endorsements for licensed teachers in English for speakers of other languages and multicultural, multilingual reading

The doctoral degree programs lead to a doctor of philosophy degree (PhD) in critical and sociocultural studies in education (CSSE) or quantitative research methods in education (QRME).

## Faculty

Katie Fitch, clinical assistant professor (critical geography and education, teacher education, science education); BA, 2007, Trinity University; MAT, 2008, Trinity University; PhD, 2021, Oregon. (2021)

Joanna Goode, Sommerville Knight Professor (computer science education, urban education, educational equity and inclusion). BS 1997, MEd, 1998, PhD, 2004, California, Los Angeles. (2005)

Julie Heffernan, senior lecturer (sexuality and gender studies in education, social studies and language arts curriculum, educational equity and inclusion); graduate director, UO Teach. BA, 1990, MEd, 2004, PhD, 2010, Oregon (2013)

Jenefer Husman, professor (educational psychology). BS, 1992, Evergreen State College; MA, 1996, PhD, 1998, Texas, Austin. (2016)

Michelle Jacob, professor (Indigenous studies in education, health, gender and decolonization). BA, 1998, MA, 2001, California State, San Marcos; PhD, 2004, California, Santa Barbara. (2016)

Abby Lane, instructor (bilingual education, English language learners, migrant education). BA, 1983, California State, Northridge; MEd, 1992, Oregon. (2000)

David Liebowitz, assistant professor (education policy analysis, educational inequity, school leadership). BA, 1999, Columbia; EdM, 2008, 2011, EdD, 2015, Harvard. (2018)

Audrey Lucero, associate professor (literacy, bilingualism, dual-language schooling). BA, BS, 1996, Boston; MIT, 2002, Seattle; PhD, 2011, Washington (Seattle). (2011)

Lisa A. Mazzei, professor (qualitative research methodology, curriculum theory, whiteness studies). BA, 1983, Marshall; MA, 1984, PhD, 1996, Ohio State. (2012)

Edward M. Olivos, associate professor (bilingual education, Latinos and education, teacher preparation). BA, 1991, MA, 1997, PhD, 2003, San Diego State. (2007)

Jerry L. Rosiek, professor (qualitative research methods, teacher education, critical race theory in education research). BA, 1987, BS, 1988, Texas A & M; PhD, 1997, Stanford. (2005)

Jennifer Ruef, assistant professor (mathematics education, equity, inclusion and social justice). BS, 1990, MS, 2005, Wisconsin, Madison; PhD, 2016, Stanford. (2016)

Leilani Sabzalian, assistant professor (indigenous studies in education, teacher education, elementary social studies). BA, 2001, MEd, 2002, PhD, 2015, Oregon. (2017)

Kathleen M. Scalise, professor (quantitative measurement and assessment, instructional technology, computer-adaptive instructional materials). BA, 1982, MA, 2004, PhD, 2004, California, Berkeley. (2005)

Alison Schmitke, senior lecturer (social foundations of education, social studies curriculum, sports education); director, undergraduate degree program. BA, 1994, Willamette; MEd, 1996, Portland State; PhD, 2008, Alabama. (2006)

Sarah Stapleton, assistant professor (food and environmental justice, social contexts of science and environmental education). BA, 2001,

Sweet Briar College; EdM, 2005, Harvard; PhD, 2015, Michigan State. (2015)

Ilana Umansky, associate professor (education policy analysis, quasi-experimental methods and longitudinal data analysis, English learners and immigration). BA, 1998, Wesleyan; MEd, 2003, Harvard; MA, 2012, PhD, 2014, Stanford. (2014)

Keith Zvoch, professor (quantitative methods, program evaluation, statistical modeling). BS, 1992, Pittsburgh; MA, 1995, PhD, 2001, New Mexico. (2007)

## Emeriti

Juliet "Jill" A. Baxter, associate professor emerita. AB, 1975, MA, 1986, PhD, 1987, Stanford; MA, 1977, Minnesota. (2002)

Edna P. DeHaven, professor emerita. BS, 1951, Oregon College of Education; MEd, 1962, PhD, 1969, Oregon. (1969)

Gary W. Ferrington, senior instructor emeritus. BS, 1964, Portland State; MS, 1967, Southern California. (1967)

M. D. "Mark" Gall, professor emeritus. BA, 1963, MEd, 1963, Harvard; PhD, 1968, California, Berkeley. (1975)

Judith K. Grosenick, professor emerita. BS, 1964, Wisconsin, Oshkosh; MS, 1966, PhD, 1968 Kansas. (1984)

Ray E. Hull, professor emeritus. BS, 1958, MS, 1962, Oregon State; DEd, 1969, Oregon. (1970)

William E. Lamon, associate professor emeritus. BS, 1964, San Francisco; MS, 1965, California State; PhD, 1968, California, Berkeley. (1972)

Ione F. Pierron, associate professor emerita of librarianship. BA, 1936, Puget Sound; MA, 1955, Minnesota; MS, 1960, Oregon. (1948)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Major - Bachelor's Degree

- Educational Foundations (BA/BS) (p. 520)

### Certificate

- Educational Foundations-Secondary (p. 523)

## Graduate Programs

### Majors - Master's Degree

- Curriculum and Teacher Education (MS) (p. 525)
- Curriculum and Teaching (UOTeach) (MEd) (p. 524)
- Educational Policy and Leadership (MS) (p. 526)

### Majors - Doctoral Degree

- Critical and Sociocultural Studies in Education (PhD) (p. 527)
- Quantitative Research Methods in Education (PhD) (p. 527)

Specializations

- Educational Data Science (p. 528)
- Quantitative Research Methods (p. 528)

Educational Foundations (BA/BS)

The Educational Foundations (EdF) program is for undergraduates who are committed to social change and are pursuing a future in elementary education or related fields. The many strengths of the Educational Foundations (EdF) major include diverse field placements, opportunities to assist faculty with research, and a variety of other enriching experiences that are an integral part of the curriculum.

This 4-year major prepares aspiring future professionals in elementary education and related fields to be critical thinkers, well informed about theory and practice, and to possess the knowledge and skills that will enable them to be change agents in economically, racially, culturally, and linguistically diverse communities. Completion of the Educational Foundations major qualifies students to apply for a graduate degree and licensure program such as UOTeach.

Application and Admission

To add the EdF major, schedule an appointment with an advisor at the College of Education Student Academic Services Center (<https://education.uoregon.edu/student-academic-services/>).

If you aspire to be a middle or high school teacher, you should major in the content area you wish to teach, explore the Certificate in Educational Foundations: Secondary (<https://education.uoregon.edu/edf/undergraduate/certificate/>), and then pursue graduate studies and licensure in a program such as UOTeach.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate understanding of the roles and responsibilities of teachers working in public schools.
- Demonstrate understanding about the social and economic influences on teaching and learning.
- Analyze the benefits and limitations of educational practices that have resulted from the various disciplinary perspectives on learning.
- Demonstrate understanding of the various dimensions of literacy.
- Analyze the ways race, gender, sexuality, class, climate education, immigration, Indigeneity, intersectionality, and individualism are simultaneously reproduced and challenged by U.S. schools.
- Apply course lenses to understanding field experience.

Major Requirements

Students planning to major in educational foundations enter the university as education premajors. Transfer students and university students from other majors may become premajors by submitting a Request for Addition or Deletion Major form, available online. Premajors are not eligible to take most 300- and 400-level education courses. Premajor status does not guarantee admission to the educational foundations major.

The major is designed as a two-year program completed during the undergraduate junior and senior year. The major requires core courses in five areas: learning, teaching, and assessment; curriculum theory; technology and education; literacy; and equality of opportunity. Additional

courses are required in mathematics, science, and a variety of other subjects, including reading, art, music, and physical education.

Educational Foundation Major Requirements

| Code                                                                  | Title                                          | Credits |
|-----------------------------------------------------------------------|------------------------------------------------|---------|
| Educational Foundations Lower Division Coursework                     |                                                |         |
| EDST 111                                                              | Education and Social Change                    | 4       |
| EDST 211                                                              | Childhood Studies                              | 4       |
| EDST 225                                                              | School and Representation in Media             | 4       |
| Volunteer or Work Experience <sup>1</sup>                             |                                                |         |
| Educational Foundations Upper Division Coursework                     |                                                |         |
| Theme: Learning, Teaching, and Assessment & Embedded Field Experience |                                                |         |
| EDST 331                                                              | Autobiography of Schooling                     | 4       |
| EDST 332                                                              | Learning, Teaching, and Assessment I           | 3       |
| EDST 333                                                              | Learning, Teaching, and Assessment II          | 3       |
| EDST 338                                                              | Observation: Learning, Teaching, Assessment I  | 1       |
| EDST 339                                                              | Observation: Learning, Teaching, Assessment II | 1       |
| Theme: Curriculum Theory                                              |                                                |         |
| EDST 342                                                              | Curriculum Studies I                           | 4       |
| EDST 343                                                              | Curriculum Studies II                          | 4       |
| Theme: Technology as Education                                        |                                                |         |
| EDST 422                                                              | Technology Education                           | 4       |
| Theme: Literacy                                                       |                                                |         |
| EDST 463                                                              | Foundations of Literacy                        | 4       |
| EDST 464                                                              | Multicultural Literacy                         | 4       |
| Theme: Equal Opportunity                                              |                                                |         |
| EDST 420                                                              | Living in a Stratified Society                 | 4       |
| Select 8 credits from the following:                                  |                                                | 8       |
| EDST 450                                                              | Food and Schools                               |         |
| EDST 452                                                              | Poverty and Education                          |         |
| EDST 453                                                              | Racism and Education                           |         |
| EDST 454                                                              | Patriarchy and Education                       |         |
| EDST 455                                                              | Heteronormativity and Education                |         |
| EDST 456                                                              | Decolonization and Education                   |         |
| EDST 457                                                              | Immigration, Diaspora and Education            |         |
| Theme: Specialized Subject Matter Knowledge                           |                                                |         |
| EDST 440                                                              | Physical Education for Diverse Learners        | 3       |
| EDST 448                                                              | Integrating the Arts                           | 4       |
| SPED 411                                                              | Foundations of Disability I                    | 3       |
| Total Credits                                                         |                                                | 66      |

<sup>1</sup> EdF students are required to complete a minimum of 30 hours of volunteer or work experience with elementary-age children in a professional group setting before EDST 331. This volunteer or work experience will be in the last 3 years and in the United States.

### Additional requirement for students pursuing the Bachelor of Arts degree

| Code                 | Title                            | Credits  |
|----------------------|----------------------------------|----------|
| EDST 471             | Foundations of Algebra Learning  | 4        |
| EDST 472             | Foundations of Geometry Learning | 4        |
| <b>Total Credits</b> |                                  | <b>8</b> |

### Additional requirement for students pursuing the Bachelor of Science degree

| Code                 | Title                                      | Credits   |
|----------------------|--------------------------------------------|-----------|
| MATH 211             | Fundamentals of Elementary Mathematics I   | 4         |
| MATH 212             | Fundamentals of Elementary Mathematics II  | 4         |
| MATH 213             | Fundamentals of Elementary Mathematics III | 4         |
| <b>Total Credits</b> |                                            | <b>12</b> |

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

### Bachelor of Arts in Educational Foundations

| Course                                             | Title                       | Credits   | Milestones |
|----------------------------------------------------|-----------------------------|-----------|------------|
| <b>First Year</b>                                  |                             |           |            |
| <b>Fall</b>                                        |                             |           |            |
| WR 121Z                                            | Composition I               | 4         |            |
| First term of first-year second-language sequence  |                             | 4         |            |
| EDST 111                                           | Education and Social Change | 4         |            |
| General-education course in arts and letters       |                             | 4         |            |
| <b>Credits</b>                                     |                             | <b>16</b> |            |
| <b>Winter</b>                                      |                             |           |            |
| WR 122Z                                            | Composition II              | 4         |            |
| Second term of first-year second-language sequence |                             | 4         |            |
| General-education course in science                |                             | 4         |            |
| Premajor course                                    |                             | 4         |            |
| <b>Credits</b>                                     |                             | <b>16</b> |            |
| <b>Spring</b>                                      |                             |           |            |
| Third term of first-year second-language sequence  |                             | 4         |            |
| General-education course in social science         |                             | 4         |            |
| General-education course in science                |                             | 4         |            |
| Premajor course                                    |                             | 4         |            |
| <b>Credits</b>                                     |                             | <b>16</b> |            |
| <b>Total Credits</b>                               |                             | <b>48</b> |            |

| Course                                             | Title                              | Credits   | Milestones |
|----------------------------------------------------|------------------------------------|-----------|------------|
| <b>Second Year</b>                                 |                                    |           |            |
| <b>Fall</b>                                        |                                    |           |            |
| First term of second-year second-language sequence |                                    | 4         |            |
| General-education course in social science         |                                    | 4         |            |
| EDST 225                                           | School and Representation in Media | 4         |            |
| EDST 471                                           | Foundations of Algebra Learning    | 4         |            |
| <b>Credits</b>                                     |                                    | <b>16</b> |            |

#### Winter

|                                                     |                                  |           |
|-----------------------------------------------------|----------------------------------|-----------|
| Second term of second-year second-language sequence |                                  | 4         |
| General-education course in arts and letters        |                                  | 4         |
| EDST 472                                            | Foundations of Geometry Learning | 4         |
| Premajor course                                     |                                  | 4         |
| <b>Credits</b>                                      |                                  | <b>16</b> |

#### Spring

|                                                    |  |           |
|----------------------------------------------------|--|-----------|
| Third term of second-year second-language sequence |  | 4         |
| General-education course in science                |  | 4         |
| General-education course in social science         |  | 4         |
| General-education course in arts and letters       |  | 4         |
| <b>Credits</b>                                     |  | <b>16</b> |
| <b>Total Credits</b>                               |  | <b>48</b> |

| Course            | Title | Credits | Milestones |
|-------------------|-------|---------|------------|
| <b>Third Year</b> |       |         |            |

#### Fall

|                                              |                            |           |
|----------------------------------------------|----------------------------|-----------|
| EDST 331                                     | Autobiography of Schooling | 4         |
| EDST 211                                     | Childhood Studies          | 4         |
| General-education course in arts and letters |                            | 4         |
| General-education course in science          |                            | 4         |
| <b>Credits</b>                               |                            | <b>16</b> |

#### Winter

|                                     |                                               |           |
|-------------------------------------|-----------------------------------------------|-----------|
| EDST 332                            | Learning, Teaching, and Assessment I          | 3         |
| EDST 338                            | Observation: Learning, Teaching, Assessment I | 1         |
| EDST 420                            | Living in a Stratified Society                | 4         |
| General-education course in science |                                               | 4         |
| <b>Credits</b>                      |                                               | <b>12</b> |

#### Spring

|                                     |                                                |           |
|-------------------------------------|------------------------------------------------|-----------|
| EDST 333                            | Learning, Teaching, and Assessment II          | 3         |
| EDST 339                            | Observation: Learning, Teaching, Assessment II | 1         |
| EDST 440                            | Physical Education for Diverse Learners        | 3         |
| EDST 422                            | Technology Education                           | 4         |
| General-education course in science |                                                | 4         |
| <b>Credits</b>                      |                                                | <b>15</b> |
| <b>Total Credits</b>                |                                                | <b>43</b> |

| Course             | Title | Credits | Milestones |
|--------------------|-------|---------|------------|
| <b>Fourth Year</b> |       |         |            |

#### Fall

|                                              |                                     |           |
|----------------------------------------------|-------------------------------------|-----------|
| EDST 456                                     | Decolonization and Education        | 4         |
| EDST 457                                     | Immigration, Diaspora and Education | 4         |
| MUS 322                                      | Music Fundamentals                  | 3         |
| SPED 411                                     | Foundations of Disability I         | 3         |
| General-education course in arts and letters |                                     | 4         |
| <b>Credits</b>                               |                                     | <b>18</b> |

#### Winter

|          |                      |   |
|----------|----------------------|---|
| EDST 342 | Curriculum Studies I | 4 |
|----------|----------------------|---|

|                      |                                 |           |
|----------------------|---------------------------------|-----------|
| EDST 463             | Foundations of Literacy         | 4         |
| <b>Credits</b>       |                                 | <b>8</b>  |
| <b>Spring</b>        |                                 |           |
| EDST 343             | Curriculum Studies II           | 4         |
| EDST 464             | Multicultural Literacy          | 4         |
| EDST 452             | Poverty and Education           | 4         |
| EDST 455             | Heteronormativity and Education | 4         |
| <b>Credits</b>       |                                 | <b>16</b> |
| <b>Total Credits</b> |                                 | <b>42</b> |

## Bachelor of Science in Educational Foundations

| Course                                       | Title                                      | Credits Milestones |
|----------------------------------------------|--------------------------------------------|--------------------|
| <b>First Year</b>                            |                                            |                    |
| <b>Fall</b>                                  |                                            |                    |
| WR 121Z                                      | Composition I                              | 4                  |
| EDST 111                                     | Education and Social Change                | 4                  |
| MATH 211                                     | Fundamentals of Elementary Mathematics I   | 4                  |
| General-education course in arts and letters |                                            | 4                  |
| <b>Credits</b>                               |                                            | <b>16</b>          |
| <b>Winter</b>                                |                                            |                    |
| WR 122Z                                      | Composition II                             | 4                  |
| MATH 212                                     | Fundamentals of Elementary Mathematics II  | 4                  |
| General-education course in social science   |                                            | 4                  |
| Premajor course                              |                                            | 4                  |
| <b>Credits</b>                               |                                            | <b>16</b>          |
| <b>Spring</b>                                |                                            |                    |
| MATH 213                                     | Fundamentals of Elementary Mathematics III | 4                  |
| General-education course in social science   |                                            | 4                  |
| General-education course in arts and letters |                                            | 4                  |
| Premajor course                              |                                            | 4                  |
| <b>Credits</b>                               |                                            | <b>16</b>          |
| <b>Total Credits</b>                         |                                            | <b>48</b>          |

| Course                                                                   | Title | Credits Milestones |
|--------------------------------------------------------------------------|-------|--------------------|
| <b>Second Year</b>                                                       |       |                    |
| <b>Fall</b>                                                              |       |                    |
| General-education course in arts and letters                             |       | 4                  |
| General-education course in social science                               |       | 4                  |
| General-education course in science                                      |       | 4                  |
| Premajor course                                                          |       | 4                  |
| <b>Credits</b>                                                           |       | <b>16</b>          |
| <b>Winter</b>                                                            |       |                    |
| General-education course in science                                      |       | 4                  |
| General-education course in arts and letters                             |       | 4                  |
| General-education course that also satisfies a multicultural requirement |       | 4                  |
| Minor elective                                                           |       | 4                  |
| <b>Credits</b>                                                           |       | <b>16</b>          |

### Spring

|                                                                          |  |           |
|--------------------------------------------------------------------------|--|-----------|
| General-education course in science                                      |  | 4         |
| General-education course that also satisfies a multicultural requirement |  | 4         |
| Minor electives                                                          |  | 8         |
| <b>Credits</b>                                                           |  | <b>16</b> |
| <b>Total Credits</b>                                                     |  | <b>48</b> |

| Course            | Title | Credits Milestones |
|-------------------|-------|--------------------|
| <b>Third Year</b> |       |                    |

### Fall

|                                     |                            |           |
|-------------------------------------|----------------------------|-----------|
| EDST 331                            | Autobiography of Schooling | 4         |
| EDST 211                            | Childhood Studies          | 4         |
| General-education course in science |                            | 4         |
| Minor elective course               |                            | 4         |
| <b>Credits</b>                      |                            | <b>16</b> |

### Winter

|                                     |                                               |           |
|-------------------------------------|-----------------------------------------------|-----------|
| EDST 332                            | Learning, Teaching, and Assessment I          | 3         |
| EDST 338                            | Observation: Learning, Teaching, Assessment I | 1         |
| EDST 420                            | Living in a Stratified Society                | 4         |
| General-education course in science |                                               | 4         |
| <b>Credits</b>                      |                                               | <b>12</b> |

### Spring

|                                     |                                                |           |
|-------------------------------------|------------------------------------------------|-----------|
| EDST 333                            | Learning, Teaching, and Assessment II          | 3         |
| EDST 339                            | Observation: Learning, Teaching, Assessment II | 1         |
| EDST 422                            | Technology Education                           | 4         |
| EDST 440                            | Physical Education for Diverse Learners        | 3         |
| General-education course in science |                                                | 4         |
| <b>Credits</b>                      |                                                | <b>15</b> |
| <b>Total Credits</b>                |                                                | <b>43</b> |

| Course             | Title | Credits Milestones |
|--------------------|-------|--------------------|
| <b>Fourth Year</b> |       |                    |

### Fall

|                |                                     |           |
|----------------|-------------------------------------|-----------|
| EDST 456       | Decolonization and Education        | 4         |
| EDST 457       | Immigration, Diaspora and Education | 4         |
| MUS 322        | Music Fundamentals                  | 3         |
| SPED 411       | Foundations of Disability I         | 3         |
| <b>Credits</b> |                                     | <b>14</b> |

### Winter

|                |                         |          |
|----------------|-------------------------|----------|
| EDST 342       | Curriculum Studies I    | 4        |
| EDST 463       | Foundations of Literacy | 4        |
| <b>Credits</b> |                         | <b>8</b> |

### Spring

|          |                        |   |
|----------|------------------------|---|
| EDST 343 | Curriculum Studies II  | 4 |
| EDST 464 | Multicultural Literacy | 4 |
| EDST 452 | Poverty and Education  | 4 |



|                      |                                 |           |
|----------------------|---------------------------------|-----------|
| EDST 455             | Heteronormativity and Education | 4         |
| <b>Credits</b>       |                                 | <b>16</b> |
| <b>Total Credits</b> |                                 | <b>38</b> |

## Educational Foundations Secondary Certificate

The Certificate in Educational Foundations: Secondary is for undergraduates who are committed to social change through a career in education or a related field. The purpose of the certificate is to prepare future professionals who are critical thinkers, well informed about theory and practice, and who possess the knowledge and skills that will enable them to be change agents in economically, racially, culturally, and linguistically diverse communities. This purpose is achieved by providing students with 1) a broad-based focus on content preparation; 2) a sophisticated understanding of the intersections of multiple disciplines within larger historical and contemporary themes.

The Certificate in Educational Foundations: Secondary is designed to complement the Major/subject area preparation of undergraduates who desire to be middle/high school teachers. The certificate consists of 36 credits (12 lower division; 24 upper division) to begin developing the teacher knowledge necessary for classroom life. The set of courses provides developmentally appropriate growth for undergraduate students interested in teaching and the opportunity to obtain prerequisite knowledge to assist them as future graduate students. The Certificate in Educational Foundations: Secondary does not result in a teaching license.

This is a pre-professional degree preparing graduates who are highly competitive for admission into master's level teacher certification programs or other graduate school programs. Many of our undergraduates continue to UOTeach, the graduate teacher education program in the Department of Education Studies. This is a four-term program resulting in a masters of education (MEd) in Curriculum and Teaching and it fulfills the teaching licensure requirements for the state of Oregon (Elementary K-5 or Secondary 6-12).

### Application and Admission

To add the Certificate in Educational Foundations: Secondary, schedule an appointment with an advisor at the College of Education Student Academic Services Center (<https://education.uoregon.edu/student-academic-services/>)

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate understanding of the roles and responsibilities of teachers working in public schools.
- Demonstrate understanding about the social and economic influences on teaching and learning.
- Analyze the ways race, gender, sexuality, class, climate education, immigration, Indigeneity, intersectionality, and individualism are simultaneously reproduced and challenged by U.S. schools.

## Certificate in Educational Foundations—Secondary

| Code                                                    | Title                                   | Credits   |
|---------------------------------------------------------|-----------------------------------------|-----------|
| <b>Lower Division</b>                                   |                                         | <b>12</b> |
| EDST 111                                                | Education and Social Change             |           |
| EDST 225                                                | School and Representation in Media      |           |
| Subject Area Elective in Major (100 or 200 level)       |                                         |           |
| <b>Upper Division</b>                                   |                                         | <b>16</b> |
| SPED 411                                                | Foundations of Disability I             |           |
| SPED 420                                                | Applied Experience in Special Education |           |
| LING 444                                                | Second-Language Acquisition             |           |
| Subject Area Elective in Major (300 or 400 level)       |                                         |           |
| EDST 420                                                | Living in a Stratified Society          |           |
| <b>Equal Opportunity - Select two of the following:</b> |                                         | <b>8</b>  |
| EDST 450                                                | Food and Schools                        |           |
| EDST 452                                                | Poverty and Education                   |           |
| EDST 453                                                | Racism and Education                    |           |
| EDST 454                                                | Patriarchy and Education                |           |
| EDST 455                                                | Heteronormativity and Education         |           |
| EDST 456                                                | Decolonization and Education            |           |
| EDST 457                                                | Immigration, Diaspora and Education     |           |
| <b>Total Credits</b>                                    |                                         | <b>36</b> |

Schedule an advising appointment with COE Student Academic Services to add the Certificate in Educational Foundations—Secondary. In addition to regular appointments with your primary advisor, schedule an advising appointment with a COE advisor each year to make sure you are staying on track with the Certificate requirements: <https://education.uoregon.edu/student-academic-services/> ([https://urldefense.com/v3/\\_https://mx.technolutions.net/ss/c/MpdRvhYDsdEMdWAI7Z5zUGiFCVi7p2-J1Nt1D-H6oba82VUmcrmk70NpaOV3MkbW3REVm1TD79kpUJErwK3u4w/3ll/KaivveSaSJWxNX15bJ251g/h77Ur6Aq9ZKhRCpGSglcUb4Mfp0sxXE0ltuMhb\\_bTO7OY\\_\\_;!!C5qS4YX3!DPIKaZn8BP4j5jjMbacl3tZtlFaR0fBL70KZoYPGupcRymdsWDP7A8r8MES5gmNXZ\\$/](https://urldefense.com/v3/_https://mx.technolutions.net/ss/c/MpdRvhYDsdEMdWAI7Z5zUGiFCVi7p2-J1Nt1D-H6oba82VUmcrmk70NpaOV3MkbW3REVm1TD79kpUJErwK3u4w/3ll/KaivveSaSJWxNX15bJ251g/h77Ur6Aq9ZKhRCpGSglcUb4Mfp0sxXE0ltuMhb_bTO7OY__;!!C5qS4YX3!DPIKaZn8BP4j5jjMbacl3tZtlFaR0fBL70KZoYPGupcRymdsWDP7A8r8MES5gmNXZ$/))

Start pre-requisites early so you are able to fit in all upper-division courses.

Obtain as much experience as possible with middle/high school ages youth for your graduate school application. Check for opportunities on the EdF blog and for possible opportunities in your EO coursework. EdF Blog link: [edf.uoregon.edu](https://edf.uoregon.edu). (<https://edf.uoregon.edu>)

You are part of the Educational Foundations community – see emails from us for invitations and information!

Need help? Have a question? Please visit [edf.uoregon.edu](https://edf.uoregon.edu) (<https://edf.uoregon.edu>)

# Curriculum and Teaching (UOTeach) (MEd)

## Application and Admission

UOTeach prepares teacher leaders to have a lasting impact on the learning and lives of youth. We have an open-door policy, welcoming applicants with demonstrated academic distinction, the disposition and passion for learning and working with youth, and a commitment to supporting equitable educational learning communities.

UOTeach is committed to helping reshape the classroom experience for all students through increasing the numbers of educator candidates from underrepresented groups, including bilingual bicultural candidates, people with disabilities, and first-generation college students.

As a state-approved program, UOTeach adheres to Oregon Teacher Standards and Practices Commission (TSPC) (<http://www.oregon.gov/tspc/Pages/>), University of Oregon, and College of Education standards.

Admissions criteria are listed below.

Our graduate school application is **open Sept 20 to January 15** annually, for June start.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of the 10 InTASC standards at the appropriate progression level(s) in the following categories: the learner and learning, content instructional practice and professional responsibility.
- Use research and evidence to develop an understanding of the teaching profession and use both to measure students' progress and their own professional practice.
- Apply content and pedagogical knowledge as reflected in outcome assessments in response to standards of Specialized Professional Associations (SPA), the National Board for Professional Teaching Standards (NBPTS), states, or other accrediting bodies.
- Demonstrate skills and commitment that afford all P-12 students access to rigorous college- and career-ready standards.
- Model and apply technology standards as they design, implement and assess learning experiences to engage students and improve learning and enrich professional practice.

## Master of Education in Curriculum and Teaching (UOTeach)

Students pursuing a master of education degree (MEd) are admitted to the curriculum and teaching major through the K–12 licensure program, UOTeach. This graduate program emphasizes the sociocultural context of teaching and learning, culturally sustaining pedagogy, and supportive learning communities. Completion of the program leads to a teaching license and a master of education degree (MEd) in curriculum and teaching.

The UOTeach program offers the following general-education specializations:

1. Elementary Multiple Subjects (<https://education.uoregon.edu/uoteach/apply/elementary/>)
2. Middle-High school education (<https://education.uoregon.edu/uoteach/apply/secondary/>), in the following content endorsement areas:

- English language arts (<https://education.uoregon.edu/uoteach/endorsements/english/>)
- Social studies (<https://education.uoregon.edu/uoteach/endorsements/social-studies/>)
- Science education (<https://education.uoregon.edu/uoteach/endorsements/science/>) (biology, chemistry, physics, or integrated general science)
- Mathematics (<https://education.uoregon.edu/uoteach/endorsements/math/>) (advanced and foundational)
- World languages (<https://education.uoregon.edu/uoteach/endorsements/languages/>) (French, German, Japanese, Mandarin, and Spanish)

The degree includes an embedded preparation for Oregon TSPC's English for Speakers of Other Languages (ESOL) teaching endorsement.

UOTeach is a four-term, full-time academic and field experience program. Study plans are based on a candidates admitted teaching endorsement area. The graduate program coursework begins in June, preparing students for 34 weeks of progressive field experience teaching in local schools. School district practicum placements start at the end of summer term.

It is a cohort-based program (students are taught as a community rather than as individuals) in which students explore approaches to teaching and learning that advance equity and access, value student's strengths, facilitate critical thinking, and reflect culturally responsive methods and practices that serve all learners.

Upon successful completion of related course work, field placement, and licensure requirements, candidates are eligible to apply for the Oregon Teacher Standards and Practices Commission preliminary Oregon teaching license. The preliminary teaching licenses and subsequent renewals and out-of-state transfers require a College of Education program completion report.

Elementary Multiple Subjects: (<https://education.uoregon.edu/uoteach/graduate/med-elementary/>)

| Code     | Title                                                 | Credits |
|----------|-------------------------------------------------------|---------|
| EDST 612 | Foundations of Teaching and Learning (*)              | 3       |
| EDST 616 | Language, Power, and Education                        | 4       |
| EDST 620 | Curricular Controversies: Math and Literacy           | 4       |
| EDST 627 | Mgmt: Introduction to Supportive Learning Communities | 1       |
| SPED 511 | Foundations of Disability I (*)                       | 3       |
| EDST 614 | Cultural Context of Education (*)                     | 4       |
| EDST 617 | Sapsik'walá Indigenous Education Seminar I            | 4       |
| EDST 640 | Methods: Constructing Meaning through Literacy        | 4       |
| EDST 642 | Methods: Humanities Pedagogy                          | 4       |
| EDST 643 | Methods: Teaching Mathematics-Facts and Inquiry       | 4       |

|                                       |                                                             |    |
|---------------------------------------|-------------------------------------------------------------|----|
| EDST 628                              | Mgmt: Creating Supportive Classroom Communities             | 3  |
| EDST 645                              | Methods: Teaching Science-Detail and Discovery              | 4  |
| EDST 646                              | Methods ESOL: Eng Lang Learners Pedagogy Elementary Classrm | 4  |
| EDST 647                              | English Language Learner Methods                            | 3  |
| EDST 681                              | Elementary Part-Time Teaching                               | 4  |
| EDST 682                              | Elementary Teaching Performance Assessment                  | 2  |
| EDST 683                              | Elementary Full-Time Student Teaching                       | 10 |
| Minimum Required Credits <sup>1</sup> |                                                             | 62 |

<sup>1</sup> UO Ed Foundations majors requires minimum of 52 credits

Mid/High School Education (Subject Areas) (<https://education.uoregon.edu/uoteach/graduate/med-secondary/>):

| Code                                 | Title                                                       | Credits    |
|--------------------------------------|-------------------------------------------------------------|------------|
| EDST 612                             | Foundations of Teaching and Learning                        | 3          |
| EDST 616                             | Language, Power, and Education                              | 4          |
| EDST 630                             | Curriculum Studies and the Profession of Teaching           | 4          |
| EDST 627                             | Mgmt: Introduction to Supportive Learning Communities       | 1          |
| SPED 511                             | Foundations of Disability I (*)                             | 3          |
| EDST 614                             | Cultural Context of Education (*)                           | 4          |
| EDST 617                             | Sapsik'walá Indigenous Education Seminar I                  | 1-2        |
| EDST 638                             | Methods ESOL: English Language Learners Pedagogy Humanities | 4          |
| EDST 621                             | Methods: Representing Mathematical Concepts                 | 4          |
| <b>Elective Courses <sup>1</sup></b> |                                                             | <b>6-8</b> |
| EDST 618                             | Methods ESOL: Teaching English Language Development, K-12   | 3          |
| EDST 622                             | Methods: Mathematical Problem-Solving Curriculum            | 4          |
| EDST 623                             | Methods: Representing Science Concepts                      | 4          |
| EDST 624                             | Methods: Scientific Problem-Solving Curriculum              | 4          |
| EDST 628                             | Mgmt: Creating Supportive Classroom Communities             | 3          |
| EDST 631                             | Methods ELA: Representing Literature to Young People        | 4          |
| EDST 632                             | Methods: Engaging Students in Writing                       | 4          |
| EDST 633                             | Methods: Representing Second-Language Concepts              | 4          |
| EDST 634                             | Methods: Second-Language Conversation and Composition       | 4          |
| EDST 635                             | Methods: Representing Social Studies Concepts               | 4          |
| EDST 636                             | Methods: Social Studies Inquiry and Analysis                | 4          |
| EDST 647                             | English Language Learner Methods                            | 3          |

|                                       |                                           |    |
|---------------------------------------|-------------------------------------------|----|
| EDST 686                              | Secondary Part-Time Teaching              | 4  |
| EDST 687                              | Secondary Teaching Performance Assessment | 2  |
| EDST 688                              | Secondary Full-Time Student Teaching      | 10 |
| Minimum Required Credits <sup>2</sup> |                                           | 62 |

<sup>1</sup> Students seeking to add-in program or post-licensure endorsement areas should take the appropriate methods course at this time. Students not looking to pursue an additional endorsement may select a 500/600 master-level course from EDST, EDLD, EDUC, SPED and/or a related content area course from other departments.

<sup>2</sup> \* EDST Secondary Certificate requires minimum 52 credits

More information on the UOTeach Curriculum & Teaching MEd / Licensure program is available at <https://education.uoregon.edu/uoteach> (<https://education.uoregon.edu/uoteach/>)

## Curriculum Teacher Education (MS)

### Application and Admissions

The Curriculum and Teacher Education (CTED) program is for individuals who currently hold an Oregon teaching license, and wish to add to their knowledge by adding a master's degree or licensure endorsement.

The master of science degree program is designed to cover the foundations of the field of educational scholarship, while simultaneously providing considerable flexibility for students to pursue advanced studies in their individual areas of interest.

Enrollment is limited. Program admission is based on grade point average, recommendations, need in the field, and the interview. See the website (<https://education.uoregon.edu/program/curriculum-and-teachers-education/>) for application details.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of the 10 InTASC standards at the appropriate progression level(s) in the following categories: the learner and learning, content instructional practice and professional responsibility.
- Use research and evidence to develop an understanding of the teaching profession and use both to measure students' progress and their own professional practice.
- Apply content and pedagogical knowledge as reflected in outcome assessments in response to standards of Specialized Professional Associations (SPA), the National Board for Professional Teaching Standards (NBPTS), states, or other accrediting bodies.
- Demonstrate skills and commitment that afford all P-12 students access to rigorous college- and career-ready standards.

## Master of Science in Curriculum and Teacher Education

| Code                             | Title | Credits |
|----------------------------------|-------|---------|
| <b>Core Courses</b>              |       |         |
| Foundations of education courses |       | 8       |
| Teacher professionalism courses  |       | 8       |

|                               |           |
|-------------------------------|-----------|
| Research methodology courses  | 8         |
| <b>Specialization Courses</b> |           |
| Program courses               | 16        |
| Electives                     | 16        |
| <b>Total Credits</b>          | <b>56</b> |

This program is designed for those who already hold a teaching license but want to build on their knowledge by adding a master's degree. Study plans are individualized based on an applicant's educational pursuits. The program accepts applicants on an annual basis. Interested applicants may access the application from October through January 30; the program begins summer session, in June.

Enrollment is limited. Program admission is based on grade point average, recommendations, need in the field, and the results of an interview. See the website (<https://education.uoregon.edu/program/curriculum-and-teachers-education/>) for application details.

## Educational Policy and Leadership (MS)

\*Course sequence is subject to change. For current course information, please visit our website. (<https://education.uoregon.edu/epol/graduate-program/>)

### About the Education Policy and Leadership (EPoL) Master's of Science Program

A pandemic that has heightened inequality. A renewed drive for racial and economic justice. A need for core beliefs and evidence to guide educational decision-making. A facility in a wide range of analytic methods. These are the kinds of motivating catalysts and personal characteristics of those who will thrive in the Education Policy and Leadership Master's Program at the University of Oregon. Now is the time for an inter-disciplinary, reflective and skill-oriented education like the kind you will find in the EPoL program.

Our program is a 12-month place-based program that awards you a Master of Science degree in Education Policy and Leadership (EPoL). The program combines methodological training, theoretical grounding, and practical expertise in US education policy, evidence-based decision-making, organizational leadership, and policy-making processes. If desired, EPoL students can add on an optional specialization in data science.

For information on how to apply, please visit our website (<https://education.uoregon.edu/epol/apply/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate understanding of the process for education policy development, implementation, and evaluation.
- Demonstrate skills to analyze data with a goal of identifying problems, understanding their possible causes, and evaluating potential solutions.
- Act as an effective, equity-oriented, continuous improvement change-maker and a responsive leader in education-related settings.

- Effectively communicate both through presentation of ideas and through receptive listening and processing of other stakeholders' ideas.

## Educational Policy and Leadership

| Code                                   | Title                                                       | Credits |
|----------------------------------------|-------------------------------------------------------------|---------|
| <b>REQUIRED COURSES</b>                |                                                             |         |
| <b>Term 1 (Summer)</b>                 |                                                             |         |
| EDLD 684                               | Master's Seminar in Educational Policy and Leadership       | 3       |
| EDUC 612                               | Social Science and Education Research Design                | 3       |
| EDLD 636                               | Governance and Ethics                                       | 3       |
| <b>Term 2 (Fall)</b>                   |                                                             |         |
| EDLD 696                               | Professional Writing I: Foundations in Professional Writing | 3       |
| EDUC 614                               | Educational Statistics                                      | 3       |
| EDLD 683                               | State and Local Policy Development in Education             | 3       |
| <b>Term 3 (Winter)</b>                 |                                                             |         |
| EDUC 640                               | Applied Statistical Design and Analysis                     | 3       |
| <b>Term 4 (Spring)</b>                 |                                                             |         |
| EDLD 685                               | Educational Policy and Leadership Master's Capstone         | 3       |
| <b>ELECTIVE COURSES (minimum of 7)</b> |                                                             |         |
| EDUC 642                               | Multiple Regression in Educational Research                 | 3       |
| EDLD 643                               | Evidence-Based Decision Making in Schools                   | 3       |
| EDLD 625                               | Survey and Questionnaire Design                             | 3       |
| EDLD 644                               | Learning Organization                                       | 3       |
| EDLD 624                               | Leading for Equity                                          | 3       |
| EDUC 620                               | Program Evaluation I                                        | 3       |
| EDUC 621                               | Program Evaluation II                                       | 3       |
| EDLD 631                               | Education Policy for Multilingual Students                  | 3       |
| EDLD 632                               | Educational Policy Analysis                                 | 3       |
| EDLD 640                               | Educational Data Science Capstone Project                   | 4       |
| EDLD 651                               | Introductory Educational Data Science                       | 3       |
| EDLD 644                               | Learning Organization                                       | 3       |
| EDLD 683                               | State and Local Policy Development in Education             | 3       |
| EDLD 652                               | Data Visualization for Educational Data Science             | 3       |
| EDLD 653                               | Functional Programming for Educational Data Science         | 3       |
| EDLD 654                               | Machine Learning for Educational Data Science               | 3       |

## Critical and Sociocultural Studies in Education (PhD)

### Admission

The program is small—fewer than 10 students are typically admitted every two years. Applications are accepted from early fall through mid-January for admission in odd-numbered years. The next cohort will be admitted for Fall 2025. Application details are available online (<https://education.uoregon.edu/csse/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate preparation for positions as higher education faculty members or public and private sector education researchers and leaders with knowledge that enables them to advocate for equality and justice and in educational systems.
- Conduct high-quality, high-impact quantitative and/or qualitative research in their chosen field.
- Contribute to scholarship and institutional change initiatives in their field through presentations at national conferences, the publication of articles and books in their area of study, and the writing of grants to support educational change initiatives.
- Demonstrate learning of and respectful engagement in Indigenous epistemologies, methodologies, and the relation of social inquiry to processes of colonization, decolonization, and Indigenous community survivance.

## Doctor of Philosophy in Critical and Sociocultural Studies in Education

The University of Oregon doctor of philosophy degree (PhD) in critical and sociocultural studies in education is designed to prepare scholars who intend to be active in the professional research association in their field, publish research in peer-reviewed journals and academic presses, secure positions as faculty members at research universities or research centers, or work at state and federal agencies.

The program provides a comprehensive approach to educational research that considers the consequences of contemporary schooling systems while developing alternatives to current practices that result in systemic change. To provide concentrated faculty support and mentorship for each student, only a small cohort of seven to ten students are accepted every other year, with admission in the fall of odd-numbered years.

The program of study includes a strong foundation in both qualitative and quantitative research methodologies. In addition to the required courses, students will take three additional core courses in CSSE. These courses align with faculty research interests and are offered on a rotating basis. In general, one or two core courses are offered every academic year, so it is recommended that students plan accordingly to ensure that they will be able to take three core courses in a timely manner.

In addition, students complete a supervised research apprenticeship in the second year of study and devise a set of cognate courses in consultation with an advisor.

## Quantitative Research Methods in Education (PhD)

Our PhD program in quantitative research methods in education (QRME) develops researchers, scholars, and policy leaders who engage in traditions of inquiry that create knowledge and understanding founded in empirical evidence.

The program focuses on:

1. Building a strong understanding of quantitative methods in research
2. Studying causal and complex relationships within applied educational, social, and institutional settings
3. Using research to inform policy and practice in applied educational and social settings

Ideal QRME PhD students:

- Understand the importance of evidence and data in making decisions
- Take an interdisciplinary and systems-level perspective to problems in education
- Value the union of rigorous research methodology with strong grounding in theory and practice

For more information about the PHD in QRME Program, please visit the Program's website at: Quantitative Research Methods in Education Program | College of Education (uoregon.edu) (<https://education.uoregon.edu/qrme/>)

For application instructions, please see: Apply to the Quantitative Research Methods in Education Program | College of Education (uoregon.edu) (<https://education.uoregon.edu/qrme/apply/>)

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Meet professional standards by being able to read and critically consume and analyze research; translate research into practices, decisions, and policy; and understand and employ professional standards for equity, fairness, ethical treatment of human subjects, and principled leadership in research and practice.
- Engage in scholarly communications by demonstrating effective oral and written communication skills when working with diverse partners and communicating research findings; and by demonstrating knowledge and understanding of diversity issues, organizational identity, and strategic communication.
- Engage in educational inquiry by gathering and applying empirical evidence in practice; understanding how to conduct and supervise field-based research; and employing conceptual frameworks and methodological approaches appropriate for the line of inquiry.

## Education Studies Graduate Specializations

- Educational Data Science (p. 528)
- Quantitative Research Methods (p. 528)



## Educational Data Science Graduate Specialization

| Code     | Title                                               | Credits |
|----------|-----------------------------------------------------|---------|
| EDLD 651 | Introductory Educational Data Science               | 3       |
| EDLD 652 | Data Visualization for Educational Data Science     | 3       |
| EDLD 653 | Functional Programming for Educational Data Science | 3       |
| EDLD 654 | Machine Learning for Educational Data Science       | 3       |
| EDLD 609 | Terminal Project                                    | 1-16    |

Please contact EMPL Department for Admission Application and Declaration of Specialization.

Please see the Educational Data Science Specialization Program Website for more information: Specialization in Educational Data Science | College of Education (uoregon.edu) (<https://education.uoregon.edu/epol/specialization-educational-data-science/>)

To apply to DECLARE a specialization, please see the Division of Graduate Studies' instructional webpage at: <https://graduatestudies.uoregon.edu/academics/policies/specializations/pursuing-specialization>

## Quantitative Research Methods Graduate Specialization

The graduate specialization in quantitative research methods is designed primarily for doctoral students who have chosen quantitative methods as their primary research tradition in the College of Education. Doctoral students in other colleges and programs may be eligible but should confirm with the sponsoring department, the Department of Educational Methodology, Policy, and Leadership. The specialization is a rigorous training program in advanced quantitative research methods designed to prepare PhD students, with a competitive focus on quantitative research methods, for research and scholarship careers in education and the social sciences. Students take a minimum of 20 credits (five 4-credit courses) from among the department's advanced quantitative methods course offerings, building critical expertise in quantitative methodology including applied educational statistics and research design. The course requirements include a two-course sequence in at least one advanced quantitative method and three additional quantitative methods courses.

## Special Education and Clinical Sciences

### Ben Clarke, Department Head

541-346-1638

541-346-0683 fax

340 HEDCO Education Building

Through teaching, research, and service, the Department of Special Education and Clinical Sciences seeks to improve the quality of education, employment, and community living for children and adults with special needs and their families. The department has three graduate majors: communication disorders and sciences, school psychology, and special education. The department also offers an undergraduate degree in communication disorders and sciences as well as a minor in special education.

## Faculty

Gina Biancarosa, professor (measurement, reading difficulties, reading comprehension). BA, 1992, Boston College; MEd, 1999, EdD, 2006, Harvard. (2009)

Jeanine Brush, clinic supervisor. BS, 2007, MS, 2009, Indiana University of Pennsylvania. (2015)

Chad Catron, instructor (American Sign Language). BA, 2014, California State, Fresno; MA, 2017, Gallaudet. (2019)

Ben Clarke, associate professor (math assessment and intervention; school psychology). BS, 1997, Wabash; MA, 2001, PhD, 2002, Oregon (2016).

Lauren Cycyk, assistant professor (early language development, Spanish-English dual language development, caregiver-influenced language development). BA, 2004, George Washington; MS, 2007, Arizona State; PhD, 2016, Temple. (2016)

Stephanie De Anda, assistant professor (early language acquisition, bilingualism, language intervention). BS, 2011, PhD, 2017, California, San Diego. (2017)

Lillian Duran, associate professor. BA, 1995, Antioch College; MA, 1999, George Washington; PhD, 2008, Minnesota, Twin Cities. (2015)

Karen Durany, senior lecturer (anatomy and physiology, aphasia, family advocacy). BA, 1991, Colorado, Boulder; MA, 1996, PhD, 2001, Oregon. (2000)

Jessica L. Fanning, clinical associate professor (fluency disorders, behavior management, intervention design with cultural humility). BA, 1989, MA, 1996, University of Colorado, Boulder; PhD, 2007, Oregon, Post Doc, 2011, Oregon. (2011).

Nicole R. Giuliani, assistant professor (cognitive and affective science, translational neuroscience, obesity prevention). BA, 2003, Pennsylvania; PhD, 2011, Stanford (2016).

Beth Harn, associate professor (learning disabilities, assessment, instructional design). BA, 1991, MS, 1994, California State, Fresno; PhD, 2000, Oregon. (2006)

Wendy Machalicek, associate professor (low-incidence disabilities, autism, early intervention). BS, 2000, North Texas; MEd, 2004, PhD, 2008, Texas, Austin. (2011)

Katie Mason, clinic supervisor (speech-language pathology). BA, 2003, MS, 2005, Oregon. (2012)

Kent McIntosh, professor (behavior management, research design, applied behavior analysis); director, educational and community supports. BA, 1997, Duke; MS, 2003, PhD, 2005, Oregon. (2012)

Laura Lee McIntyre, professor (developmental disabilities, early intervention, home-school collaboration). BA, 1997, La Sierra; MA, 2000, PhD, 2003, California, Riverside. (2009)

Jennifer Meyer, associate clinical professor; director, clinic education. BS, 2000, MS, 2002, Southern Illinois. (2010)

Christopher J. Murray, professor (secondary special education and transition). BA, 1989, University of Maryland, College Park; MEd, 1992, Howard; PhD, 1998, Washington, Seattle. (2006)

Rhonda N. T. Nese, assistant professor (alternatives to exclusionary discipline, positive behavioral interventions and supports, implementation and sustainability of equitable schools). BA, 2004, Maryland; MEd, 2008, Howard; PhD, 2013, Oregon. (2016)

Elise Peltier, clinical associate professor; clinic supervisor. BA, 1998, Oregon; MS, 2008, Northern Arizona. (2012)

Billie Jo Rodriguez, lecturer (applied behavior analysis, multi-tiered systems of support, educational consultation and collaboration). BS, 2005, Central Arkansas; MS, 2008, PhD, 2010, Oregon. (2015)

Geovanna Rodriguez, assistant professor (Autism Spectrum Disorder, school climate and mental health, bullying, teacher professional development). BA, 2009, California, Los Angeles; MA, 2015, PhD, 2017, California, Riverside. (2019)

John R. Seeley, professor (emotional and behavioral disorders). BS, 1985, MS, 1991, PhD, 2001, Oregon. (2015)

Stephanie Shire, assistant professor (early intervention, autism spectrum disorders, community-based intervention). BA, 2008, MEd, 2010, Alberta; MA, 2013, PhD, 2013, California, Los Angeles. (2017)

Samantha Shune, assistant professor (dysphagia, aging). BA, 2005, Michigan, Ann Arbor; MA, 2007, Ohio State; PhD, 2014, Iowa. (2014)

McKay Moore Sohlberg, professor (cognitive rehabilitation, traumatic brain injury). BA, 1982, Stanford; MS, 1984, PhD, 1990, Washington, Seattle. (1995)

Sylvia Thompson, associate professor (learning disabilities, English learners, literacy). BS, 1988, Texas, Austin. MS, 1992, Miami. PhD, 1999, Texas, Austin. (2015)

Deanne Unruh, research associate professor (secondary special education and transition, high-risk adolescents, program evaluation). BS, 1985, MS, 1991, Kansas; PhD, 2001, Oregon. (2001)

Valentino Vasquez, instructor (American Sign Language). BA, 1997, MA, 1998, Northern Colorado. (2011)

Angela J. Whalen, clinical professor (professional practices in school psychology, clinical supervision, educational assessment and intervention). BA, 1996, St. Thomas; PhD, 2002, Oregon. (2003)

## Emeriti

Barbara D. Bateman, professor emerita. BS, 1954, Washington (Seattle); MA, 1958, San Francisco State; PhD, 1962, Illinois; JD, 1976, Oregon. (1966)

Diane D. Bricker, professor emerita. BA, 1959, Ohio State; MS, 1965, Oregon; PhD, 1970, George Peabody. (1978)

Ned J. Christensen, professor emeritus. BA, 1954, MA, 1955, Brigham Young; PhD, 1959, Pennsylvania State. (1962)

Russell M. Gersten, professor emeritus. BA, 1967, Brandeis; PhD, 1978, Oregon. (1977)

Elizabeth G. Glover, assistant professor emerita. BS, 1959, Tufts; MS, 1963, EdD, 1974, North Carolina, Greensboro. (1964)

Robert H. Horner, professor emeritus. BA, 1971, Stanford; MS, 1975, Washington State; PhD, 1978, Oregon. (1976)

Marilyn A. Nippold, professor emeritus. BA, 1972, California, Los Angeles; MA, 1976, California State, Long Beach; PhD, 1982, Purdue. (1982)

Kenneth Viegas, associate professor emeritus. BS, 1956, Oregon; MSW, 1963, California, Berkeley. (1967)

Hill M. Walker, professor emeritus. BA, 1962, Eastern Oregon; MA, 1964, PhD, 1967, Oregon. (1966)

Ruth Waugh, professor emerita. BS, 1957, Southern Oregon State; MS, 1963, PhD, 1971, Oregon. (1963)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate Programs

### Major - Bachelor's Degree

- Communication Disorders and Sciences (BA/BS) (p. 529)

### Minor

- Special Education (p. 532)

### Certificate

- Special Education (p. 533)

## Graduate Programs

### Majors - Master's Degree

- Applied Behavior Analysis (MS) (p. 534)
- Communication Disorders and Sciences (MS) (p. 534)
- School Psychology (MS) (p. 536)
- Special Education (MA/MS) (p. 538)
- Special Education (MEd) (p. 539)

### Majors - Doctoral Degree

- Communication Disorders and Sciences (PhD) (p. 536)
- School Psychology (PhD) (p. 537)
- Special Education (DEd) (p. 540)
- Special Education (PhD) (p. 540)

### Certificates

- Early Intervention-Early Childhood Special Education (p. 541)
- School Psychology (p. 541)

## Communication Disorders and Sciences (BA/BS)

**Karen Durany, Director, Undergraduate Studies**  
541-346-2480

kdurany@uoregon.edu

The communication disorders and sciences program prepares you to understand, assess, and treat individuals who are experiencing challenges in speech, language, literacy, communication, cognition, and swallowing. Students learn to address these challenges across diverse ethnic, cultural, linguistic, social and economic backgrounds. We emphasize the ability to apply empirical evidence, logic, and a scientific perspective to the process of enhancing communication skills in meaningful and ecologically valid contexts.

The goals of the communication disorders and sciences program are based on the belief that the ability to communicate effectively is a fundamental right of all human beings. When this right is compromised, society suffers along with the individual.

Coursework in the major focuses on acquiring knowledge in the following areas:

- anatomical-physiological bases of speech, language, and hearing
- acoustic properties of sound and speech production
- role of biology, cognition, environment, and culture in language acquisition
- development of speech and language
- speech, language, and hearing disorders across the life span
- assessment and treatment procedures for individuals with speech, language, and hearing disorders
- professional issues in speech-language-pathology and audiology

Program plans for the communication disorders and sciences bachelor of arts (BA) and bachelor of science (BS) degrees are located on the program website.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Apply information regarding the bases for human communication (e.g., biological, linguistic, and cultural bases) to evaluate clinical scenarios as a precursor to future clinical practice.
- Demonstrate the prerequisite speaking and expository writing skills to pursue graduate study, clinical training, or work in an allied field post-graduation.
- Analyze the social impact of communication disorders on affected individuals and families and consider how intersecting identities (e.g., race/ethnicity, SES) further influence that impact.
- Participate in career and self-development opportunities, particularly during junior and senior years, to determine optimal post-graduation plans.

Students must earn a C– or better or P in required courses.

## Communication Disorders and Sciences Major Requirements

| Code     | Title                                        | Credits |
|----------|----------------------------------------------|---------|
| LING 150 | Structure of English Words                   | 4       |
| CDS 201  | Communication Disorders in Society and Media | 4       |
| CDS 430  | Speech Pathology-Audiology as Professions    | 2       |
| CDS 431  | Beginning Clinical Methods                   | 3       |

|                                             |                                               |              |
|---------------------------------------------|-----------------------------------------------|--------------|
| CDS 442                                     | Anatomy and Physiology of Speech Mechanism    | 4            |
| CDS 444                                     | Clinical Phonetics and Phonology              | 4            |
| CDS 450                                     | Introduction to Language Development          | 4            |
| CDS 455                                     | Child and Adolescent Development              | 4            |
| CDS 457                                     | Fundamentals of Audiology                     | 4            |
| CDS 458                                     | Audiology Disorders and Treatment             | 4            |
| CDS 460                                     | Developmental Disorders in Communication      | 4            |
| CDS 462                                     | Acquired Disorders of Communication           | 4            |
| CDS 470                                     | Neuroscience of Speech and Language           | 4            |
| Social-behavioral science course            |                                               | 4            |
| ANTH 161                                    | Introduction to Cultural Anthropology         |              |
| ANTH 163                                    | Origins of Storytelling                       |              |
| ANTH 165                                    | Sexuality and Culture                         |              |
| PSY or SOC course                           |                                               |              |
| Biological science course                   |                                               | 4            |
| BI 121                                      | Introduction to Human Physiology              |              |
| BI 122                                      | Introduction to Human Genetics                |              |
| BI 123                                      | Biology of Cancer                             |              |
| BI 132                                      | Introduction to Animal Behavior               |              |
| BI 140                                      | Science, Policy, and Biology                  |              |
| BI 211                                      | General Biology I: Cells                      |              |
| BI 212                                      | General Biology II: Organisms                 |              |
| BI 213                                      | General Biology III: Ecology and Evolution    |              |
| BI 214                                      | General Biology IV: Biochemistry and Genetics |              |
| HPHY course (excluding HPHY 211 & HPHY 212) |                                               |              |
| Physical science course                     |                                               | 4            |
| CH or PHYS course                           |                                               |              |
| Statistics course                           |                                               | 4            |
| STAT 243Z                                   | Elementary Statistics I                       |              |
| PSY 302                                     | Statistical Methods in Psychology             |              |
| SOC 312                                     | Statistical Analysis in Sociology             |              |
| Area C Elective                             |                                               | 3-4          |
| ANTH 320                                    | Native North Americans                        |              |
| ANTH 322                                    | Anthropology of the United States             |              |
| ANTH 329                                    | Immigration and Farmworkers                   |              |
| ASL 301                                     | American Deaf Culture                         |              |
| LING 301                                    | Introduction to Linguistics Analysis          |              |
| PSY 304                                     | Biopsychology                                 |              |
| PSY 380                                     | Psychology of Gender                          |              |
| SOC 311                                     | Research Methods                              |              |
| SOC 330                                     | Sociology of the Family                       |              |
| SOC 345                                     | Race and Ethnicity                            |              |
| SPAN 322                                    | Introduction to Hispanic Linguistics          |              |
| SPAN 324                                    | Spanish Pronunciation and Phonetics           |              |
| <b>Total Credits</b>                        |                                               | <b>68-69</b> |

## Program Plan

Students must meet with the department's undergraduate advisor to develop an academic program plan and ensure that general university requirements and communication disorders and sciences prerequisites

are met. Beginning fall term of their junior year, students must follow the program plan of courses in their prescribed sequence. Students who fail to do so will likely delay their graduation date.

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

### Bachelor of Arts in Communication Disorders and Sciences

| Course                                             | Title                            | Credits   | Milestones |
|----------------------------------------------------|----------------------------------|-----------|------------|
| <b>First Year</b>                                  |                                  |           |            |
| <b>Fall</b>                                        |                                  |           |            |
| BI 121                                             | Introduction to Human Physiology | 4         |            |
| WR 121Z                                            | Composition I                    | 4         |            |
| First term of first-year second-language sequence  |                                  | 5         |            |
| Elective course                                    |                                  | 4         |            |
| <b>Credits</b>                                     |                                  | <b>17</b> |            |
| <b>Winter</b>                                      |                                  |           |            |
| STAT 243Z                                          | Elementary Statistics I          | 4         |            |
| PHYS 152                                           | Physics of Sound and Music       | 4         |            |
| WR 122Z                                            | Composition II                   | 4         |            |
| Second term of first-year second-language sequence |                                  | 5         |            |
| <b>Credits</b>                                     |                                  | <b>17</b> |            |
| <b>Spring</b>                                      |                                  |           |            |
| PHYS 202                                           | General Physics                  | 4         |            |
| Third term of first-year second-language sequence  |                                  | 5         |            |
| General education course in arts and letters       |                                  | 4         |            |
| General education course in science                |                                  | 4         |            |
| <b>Credits</b>                                     |                                  | <b>17</b> |            |
| <b>Total Credits</b>                               |                                  | <b>51</b> |            |

| Course                                                                   | Title                                        | Credits   | Milestones |
|--------------------------------------------------------------------------|----------------------------------------------|-----------|------------|
| <b>Second Year</b>                                                       |                                              |           |            |
| <b>Fall</b>                                                              |                                              |           |            |
| CDS 201                                                                  | Communication Disorders in Society and Media | 4         |            |
| LING 150                                                                 | Structure of English Words                   | 4         |            |
| First term of second-year second-language sequence                       |                                              | 4         |            |
| General education course that also satisfies a multicultural requirement |                                              | 4         |            |
| <b>Credits</b>                                                           |                                              | <b>16</b> |            |
| <b>Winter</b>                                                            |                                              |           |            |
| Second term of second-year second-language sequence                      |                                              | 4         |            |
| General-education course in social science                               |                                              | 4         |            |
| General-education courses in arts and letters                            |                                              | 8         |            |
| <b>Credits</b>                                                           |                                              | <b>16</b> |            |
| <b>Spring</b>                                                            |                                              |           |            |
| CDS 430                                                                  | Speech Pathology-Audiology as Professions    | 2         |            |
| Third term of second-year second-language sequence                       |                                              | 4         |            |

|                                            |           |
|--------------------------------------------|-----------|
| General-education course in social science | 4         |
| General-education course in science        | 4         |
| <b>Credits</b>                             | <b>14</b> |
| <b>Total Credits</b>                       | <b>46</b> |

| Course                                     | Title                                      | Credits   | Milestones |
|--------------------------------------------|--------------------------------------------|-----------|------------|
| <b>Third Year</b>                          |                                            |           |            |
| <b>Fall</b>                                |                                            |           |            |
| CDS 442                                    | Anatomy and Physiology of Speech Mechanism | 4         |            |
| CDS 450                                    | Introduction to Language Development       | 4         |            |
| General-education course in social science |                                            | 4         |            |
| <b>Credits</b>                             |                                            | <b>12</b> |            |
| <b>Winter</b>                              |                                            |           |            |
| CDS 455                                    | Child and Adolescent Development           | 4         |            |
| Elective courses                           |                                            | 8         |            |
| <b>Credits</b>                             |                                            | <b>12</b> |            |
| <b>Spring</b>                              |                                            |           |            |
| CDS 444                                    | Clinical Phonetics and Phonology           | 4         |            |
| CDS 457                                    | Fundamentals of Audiology                  | 4         |            |
| Elective courses                           |                                            | 8         |            |
| <b>Credits</b>                             |                                            | <b>16</b> |            |
| <b>Total Credits</b>                       |                                            | <b>40</b> |            |

| Course               | Title                                    | Credits   | Milestones |
|----------------------|------------------------------------------|-----------|------------|
| <b>Fourth Year</b>   |                                          |           |            |
| <b>Fall</b>          |                                          |           |            |
| CDS 458              | Audiology Disorders and Treatment        | 4         |            |
| CDS 460              | Developmental Disorders in Communication | 4         |            |
| Elective course      |                                          | 4         |            |
| <b>Credits</b>       |                                          | <b>12</b> |            |
| <b>Winter</b>        |                                          |           |            |
| CDS 470              | Neuroscience of Speech and Language      | 4         |            |
| Elective courses     |                                          | 12        |            |
| <b>Credits</b>       |                                          | <b>16</b> |            |
| <b>Spring</b>        |                                          |           |            |
| CDS 431              | Beginning Clinical Methods               | 3         |            |
| CDS 462              | Acquired Disorders of Communication      | 4         |            |
| Elective courses     |                                          | 8         |            |
| <b>Credits</b>       |                                          | <b>15</b> |            |
| <b>Total Credits</b> |                                          | <b>43</b> |            |

### Bachelor of Science in Communication Disorders and Sciences

| Course            | Title                            | Credits | Milestones |
|-------------------|----------------------------------|---------|------------|
| <b>First Year</b> |                                  |         |            |
| <b>Fall</b>       |                                  |         |            |
| WR 121Z           | Composition I                    | 4       |            |
| MATH 105Z         | Math in Society                  | 4       |            |
| BI 121            | Introduction to Human Physiology | 4       |            |

|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| General-education course in science                                      | 4         |
| <b>Credits</b>                                                           | <b>16</b> |
| <b>Winter</b>                                                            |           |
| WR 122Z Composition II                                                   | 4         |
| MATH 111Z Precalculus I: Functions                                       | 4         |
| General-education course in science                                      | 4         |
| General-education course in arts and letters                             | 4         |
| <b>Credits</b>                                                           | <b>16</b> |
| <b>Spring</b>                                                            |           |
| PSY 202 Mind and Society                                                 | 4         |
| PHYS 152 Physics of Sound and Music                                      | 4         |
| STAT 243Z Elementary Statistics I                                        | 4         |
| General-education course that also satisfies a multicultural requirement | 4         |
| <b>Credits</b>                                                           | <b>16</b> |
| <b>Total Credits</b>                                                     | <b>48</b> |

| Course               | Title                                        | Credits   | Milestones |
|----------------------|----------------------------------------------|-----------|------------|
| <b>Second Year</b>   |                                              |           |            |
| <b>Fall</b>          |                                              |           |            |
| CDS 201              | Communication Disorders in Society and Media | 4         |            |
| LING 150             | Structure of English Words                   | 4         |            |
|                      | General-education course in social science   | 4         |            |
|                      | General-education course in science          | 4         |            |
| <b>Credits</b>       |                                              | <b>16</b> |            |
| <b>Winter</b>        |                                              |           |            |
|                      | General-education course in science          | 4         |            |
|                      | General-education course in arts and letters | 4         |            |
|                      | Elective courses                             | 8         |            |
| <b>Credits</b>       |                                              | <b>16</b> |            |
| <b>Spring</b>        |                                              |           |            |
| CDS 430              | Speech Pathology-Audiology as Professions    | 2         |            |
|                      | General-education course in arts and letters | 4         |            |
|                      | Elective courses                             | 8         |            |
| <b>Credits</b>       |                                              | <b>14</b> |            |
| <b>Total Credits</b> |                                              | <b>46</b> |            |

| Course            | Title                                      | Credits   | Milestones |
|-------------------|--------------------------------------------|-----------|------------|
| <b>Third Year</b> |                                            |           |            |
| <b>Fall</b>       |                                            |           |            |
| CDS 442           | Anatomy and Physiology of Speech Mechanism | 4         |            |
| CDS 450           | Introduction to Language Development       | 4         |            |
|                   | Elective course                            | 4         |            |
| <b>Credits</b>    |                                            | <b>12</b> |            |
| <b>Winter</b>     |                                            |           |            |
| CDS 455           | Child and Adolescent Development           | 4         |            |
|                   | Elective courses                           | 8         |            |
| <b>Credits</b>    |                                            | <b>12</b> |            |
| <b>Spring</b>     |                                            |           |            |
| CDS 444           | Clinical Phonetics and Phonology           | 4         |            |

|                      |                           |           |
|----------------------|---------------------------|-----------|
| CDS 457              | Fundamentals of Audiology | 4         |
|                      | Elective courses          | 8         |
| <b>Credits</b>       |                           | <b>16</b> |
| <b>Total Credits</b> |                           | <b>40</b> |

| Course               | Title                                    | Credits   | Milestones |
|----------------------|------------------------------------------|-----------|------------|
| <b>Fourth Year</b>   |                                          |           |            |
| <b>Fall</b>          |                                          |           |            |
| CDS 458              | Audiology Disorders and Treatment        | 4         |            |
| CDS 460              | Developmental Disorders in Communication | 4         |            |
|                      | Elective course                          | 4         |            |
| <b>Credits</b>       |                                          | <b>12</b> |            |
| <b>Winter</b>        |                                          |           |            |
| CDS 470              | Neuroscience of Speech and Language      | 4         |            |
|                      | Elective courses                         | 12        |            |
| <b>Credits</b>       |                                          | <b>16</b> |            |
| <b>Spring</b>        |                                          |           |            |
| CDS 431              | Beginning Clinical Methods               | 3         |            |
| CDS 462              | Acquired Disorders of Communication      | 4         |            |
|                      | Elective courses                         | 8         |            |
| <b>Credits</b>       |                                          | <b>15</b> |            |
| <b>Total Credits</b> |                                          | <b>43</b> |            |

## Special Education Minor

### Elisa Jamgochian, Coordinator

340 HEDCO Education Building  
 ejamgoch@uoregon.edu  
 541-346-5185

The special education minor teaches the foundational knowledge and experiences for those who plan to pursue a career in general teaching or special education teaching, work with individuals with disabilities, or tackle challenges concerning people with special needs. If you are interested in becoming a teacher, some course credits can be applied toward the requirements for an Oregon special educator teaching license.

### Special Education Minor Requirements

The requirements for the minor consist of 7 core credits and 17 elective credits. Electives provide students with a breadth of interdisciplinary options. Students may plan a course of study that introduces them to the field of special education and prepares them to begin a licensure program, focusing on classroom settings and specific instructional skills and strategies for teaching students with disabilities. Other major course work such as English, comparative literature, law, journalism, architecture, arts administration, business, or planning, public policy and management may be augmented by completing minor course work focused on broad issues concerning people with disabilities. The option provides an enhanced understanding of perspectives on disability and issues in each student's chosen profession.



## Minor Requirements

| Code                    | Title | Credits   |
|-------------------------|-------|-----------|
| Required course credits |       | 7         |
| Electives <sup>1</sup>  |       | 17        |
| <b>Total Credits</b>    |       | <b>24</b> |

<sup>1</sup> Elective credits will depend on the option chosen.

## Application and Admission

Before applying to the minor program, students must complete at least 1 credit of Practicum: [Topic] (SPED 406) (or have a Petition to Waiver form on file with the minor coordinator), Seminar: [Topic] (SPED 407), and Foundations of Disability I (SPED 411) with a minimum grade of B– or P. Students apply to the department and are assigned a minor advisor, who helps plan a course of study. Applications are available online ([https://oregon.qualtrics.com/jfe/form/SV\\_6tJ9NcbIWGF9E9f/](https://oregon.qualtrics.com/jfe/form/SV_6tJ9NcbIWGF9E9f/)).

## Special Education Certificate

### Elisa Jamgochian, Program Coordinator

340 HEDCO Education Building  
 ejamgoch@uoregon.edu  
 541-346-5185

The department offers a certificate in special education for students who are interested in a career in public education, human services and social work, or a related field. This certificate is designed to provide foundational knowledge about the field of special education and would benefit students interested in a career in supporting students with disabilities in public school, agency, or community settings. The certificate has an emphasis on developing skills and knowledge in three areas: foundations of disability, instructional methods for students with disabilities, and behavioral and social emotional supports for students with disabilities.

The certificate is available to all students interested in working with students and families with disabilities but does not replace formal teacher licensure programs that are available through graduate study at the University of Oregon. Completion of the certificate will, however, waive *some* of the prerequisites for students who enter the graduate special education program, providing certificate recipients an option for an accelerated pathway to licensure in special education and a master's degree.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Create and contribute to safe, respectful, and productive learning environments for individuals with exceptionalities through the use of effective routines and procedures and use a range of preventive and responsive practices to support social, emotional and educational well-being (CEC Initial Prep. Sub-standard 6.1), as measured by a grade of B– or better in SPED 426/526 Behavior and Classroom Management.
- Consider individual abilities, interests, learning environments, and cultural and linguistic factors in the selection, development, and adaptation of learning experiences for individuals with exceptionalities (CEC Sub-standard 5.1), as measured by grades of B– or better in all instructional methods courses.

## Special Education Certificate Requirements

The certificate requires 31 400-level course credits.

Courses must be taken for a letter grade unless only offered pass/no pass. Graded courses must be passed with a grade of B– or better so that students are sufficiently prepared to be successful in completing the required practicum experience. If a student receives a grade lower than a B–, the certificate advisor and clinical supervisor will meet to determine if the student has the skills and knowledge to complete the required practicum experience, Terminal Project (SPED 409).

Students completing this certificate cannot also obtain the minor in special education.

## Admissions and Application

Before applying to the certificate program, students must complete at least 1 credit of Practicum: [Topic] (SPED 406) (or have a Petition to Waiver form on file with the minor coordinator), Seminar: [Topic] (SPED 407), and Foundations of Disability I (SPED 411) with a minimum grade of B– or P.

Applications are available online. Students are asked to submit a professional goal statement, character questionnaire, and two letters of recommendation along with their application. An initial interview and advising meeting with the program coordinator is also required. Admitted students must have a signed program plan and verification of a background check from the Teacher Standards and Practices Commission on file with the coordinator.

## Applied Behavior Analysis (MS)

### Kimberly Marshall

HEDCO Education Building, Third Floor  
uoaba@uoregon.edu

The University of Oregon Online Master of Science in Applied Behavior Analysis (ABA) is designed to:

- Prepare clinician-researchers to apply the science of human behavior and learning to a variety of populations and settings
- Provide a strong foundation in the principles and conceptual underpinnings of ABA and the application of behavior analysis in multidisciplinary contexts
- Give students opportunities to gain supervised research experience in behavior analysis

If you are interested in designing supportive environments that help others achieve their goals, you may be interested in studying behavior analysis. Special educators, psychologists, behavior assistants, educational assistants, and others looking for a career change can all benefit from becoming certified as a behavior analyst.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate fluent knowledge of technical terminology pertaining to the concepts and principles of behavior analysis
- Implement culturally responsive methodological approaches, skills, and techniques reflecting understanding of the role of culture in the life of the client in cross-cultural applications with clients of different racial, ethnic, religious or spiritual, and/or social economic class
- Actively involve clients in the selection of behavior change interventions and the evaluation of the social validity of the goals, procedures, and outcomes of behavior change interventions
- Design a single case experimental research study to answer a socially meaningful research question or questions
- Apply ethical decision making frameworks to problems of practice in behavioral research and practice
- Define a research problem, design a method to address the problem, and conduct and report an investigation that carries out the method to conclusion

## Online Master of Science in Applied Behavior Analysis

### Option 1

| Code                                           | Title                                   | Credits |
|------------------------------------------------|-----------------------------------------|---------|
| SPED 570                                       | Principles of Applied Behavior Analysis | 5       |
| SPED 571                                       | Applied Behavior Analysis Assessment    | 3       |
| SPED 572                                       | Behavior Change Group Settings          | 3       |
| SPED 573                                       | Behavior Change Procedures 1            | 3       |
| SPED 574 - Ethics in Applied Behavior Analysis |                                         | 4       |
| SPED 575 - Single Case Research Design         |                                         | 5       |
| SPED 576 - Behavior Change Procedures II       |                                         | 3       |
| SPED 577 - Personnel Management                |                                         | 3       |
| SPED 670                                       | Philosophy of Applied Behavior Analysis | 3       |

|                                                                     |                                                    |              |
|---------------------------------------------------------------------|----------------------------------------------------|--------------|
| SPED 671                                                            | Experimental Research in Applied Behavior Analysis | 3            |
| SPED 672 - Experimental Research in Applied Behavior Analysis Lab   |                                                    | 2            |
| SPED 673 - Supervised Practice in Applied Behavior Analysis         |                                                    | 3-9          |
| SPED 674 - Supervised Research Project in Applied Behavior Analysis |                                                    | 6            |
| <b>Total Credits</b>                                                |                                                    | <b>46-52</b> |

### Option 2

| Code                                                                | Title                                              | Credits    |
|---------------------------------------------------------------------|----------------------------------------------------|------------|
| SPED 570                                                            | Principles of Applied Behavior Analysis            | 5          |
| SPED 571                                                            | Applied Behavior Analysis Assessment               | 3          |
| SPED 572                                                            | Behavior Change Group Settings                     | 3          |
| SPED 573                                                            | Behavior Change Procedures 1                       | 3          |
| SPED 574 - Ethics in Applied Behavior Analysis                      |                                                    | 4          |
| SPED 575 - Single Case Research Design                              |                                                    | 5          |
| SPED 576 - Behavior Change Procedure II                             |                                                    | 3          |
| SPED 577 - Personnel Management                                     |                                                    | 3          |
| SPED 670                                                            | Philosophy of Applied Behavior Analysis            | 3          |
| SPED 671                                                            | Experimental Research in Applied Behavior Analysis | 3          |
| SPED 672 - Experimental Research in Applied Behavior Analysis Lab   |                                                    | 2          |
| SPED 673 - Supervised Practice in Applied Behavior Analysis         |                                                    | 58         |
| SPED 674 - Supervised Research Project in Applied Behavior Analysis |                                                    | 6          |
| <b>Total Credits</b>                                                |                                                    | <b>101</b> |

## Communication Disorders and Sciences (MS)

### Samantha Shune, Program Director

541-346-2480  
HEDCO Education Building, Second Floor  
cds@uoregon.edu

The master's program offers all of the courses and clinical experiences required for the American Speech-Language-Hearing Association Certificate of Clinical Competence. The program also offers course work and clinical experiences required to obtain an Oregon teaching license to work in the public schools.

### Master's Degree

The master's degree program provides students with the opportunity to acquire and apply knowledge, skills, and competencies necessary for work with individuals of all ages and of varying social, cultural, linguistic, and economic backgrounds who have cognitive communication and/or swallowing disorders.

Completion of the communication disorders and sciences program leads to a master of science (MS) degree. A program plan for the master's degree is filed with the academic program coordinator and available on the program website.

Students who have fulfilled the undergraduate prerequisites typically spend two fall-through-spring academic years and one summer session

completing the degree as a full-time student. Every student completes an evidence-based practice project, equivalent to a master's thesis, that integrates research and applied clinical experience. A minimum cumulative GPA of 3.00 is required for students to maintain good standing in the program and for graduation.

## Application and Admission

On the average, the communication disorders and sciences program admits 30 master's degree applicants each year. Applicants should have a minimum overall GPA of 3.00 with a 3.50 GPA in their major. The Graduate Record Examination is not required for admission.

Students for whom English is not a native language must pass the Test of English as a Foreign Language (TOEFL) with a score of 600 or above for the paper version or a score of 100 or above for the Internet-based version. International students who plan to participate in clinical practicums and work toward national certification by the American Speech-Language-Hearing Association must pass the Speaking Proficiency English Assessment Kit (SPEAK) test with a score of 50.

Instructions for applying to the program are available online at the communication disorders and sciences website. Application materials must be received by January 15 for entry the following September.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate the following attributes and abilities and demonstrate those attributes and abilities in the manners identified: Accountability, Integrity, Effective Communication Skills, Critical Reasoning, Evidence-Based Practice, Concern for Individuals Served, Cultural Competence, Professional Duty, Collaborative Practice. (CAA Standard 3.1.1B Professional Practice Competencies)
- Demonstrate knowledge of the discipline of human communication sciences and disorders; basic human communication and swallowing processes, including the appropriate biological, neurological, acoustic, psychological, developmental, and linguistic and cultural bases; ability to integrate information pertaining to normal and abnormal human development across the life span; nature of communication and swallowing processes (CAA Standard 3.1.2B Foundations of Speech-Language Pathology Practice)
- Demonstrate knowledge of principles and methods of identification of communication and swallowing disorders and differences, and principles and methods of prevention of communication and swallowing disorders. (CAA Standard 3.1.3B Identification and Prevention of Speech, Language, and Swallowing Disorders and Differences)
- Demonstrate knowledge and skills in assessment across the lifespan for disorders and differences associated with Articulation; Fluency; Voice and resonance, including respiration and phonation; Receptive and expressive language (phonology, morphology, syntax, semantics, pragmatics, prelinguistic communication, and paralinguistic communication) in speaking, listening, reading, writing, and manual modalities; Hearing, including the impact on speech and language; Swallowing (oral, pharyngeal, esophageal, and related functions, including oral function for feeding; orofacial myology); Cognitive aspects of communication (e.g., attention, memory, sequencing, problem solving, executive functioning); Social aspects of communication (e.g., behavioral and social skills affecting communication); and Augmentative and alternative communication

needs. (CAA Standard 3.1.4B Evaluation of Speech, Language, and Swallowing Disorders and Differences)

- Demonstrate knowledge and skills in intervention for communication and swallowing differences with individuals across the lifespan to minimize the effect of those disorders and differences on the ability to participate as fully as possible in the environment and intervention for disorders and differences associated with Articulation; Fluency; Voice and resonance, including respiration and phonation; Receptive and expressive language (phonology, morphology, syntax, semantics, pragmatics, prelinguistic communication, and paralinguistic communication) in speaking, listening, reading, writing, and manual modalities; Hearing, including the impact on speech and language; Swallowing (oral, pharyngeal, esophageal, and related functions, including oral function for feeding; orofacial myology); Cognitive aspects of communication (e.g., attention, memory, sequencing, problem solving, executive functioning); Social aspects of communication (e.g., behavioral and social skills affecting communication); and Augmentative and alternative communication needs (CAA Standard 3.1.5B Intervention to Minimize the Effects of Changes in the Speech, Language, and Swallowing Mechanisms)
- Demonstrate knowledge and skills in working with individuals with the aforementioned communication and swallowing disorders across the lifespan and by demonstration of ethical conduct; integration and application of knowledge of the interdependence of speech, language, and hearing; engagement in contemporary professional issues and advocacy; processes of clinical education and supervision; professionalism and professional behavior in keeping with the expectations for a speech-language pathologist; Interaction skills and personal qualities, including counseling and collaboration; Self-evaluation of effectiveness of practice. (CAA Standard 3.1.6B General Knowledge and Skills Applicable to Professional Practice)

## Communication Disorders and Sciences Major Requirements

| Code    | Title                                                  | Credits |
|---------|--------------------------------------------------------|---------|
| CDS 606 | Practicum: [Topic]                                     | 1-3     |
| CDS 607 | Seminar: [Topic]                                       | 1       |
| CDS 608 | Workshop: [Topic] (Evidence-Based Project Research)    | 3       |
| CDS 609 | Terminal Project (Externship)                          | 1-15    |
| CDS 609 | Terminal Project (September Experience)                | 3       |
| CDS 609 | Terminal Project (Speech-Language-Hearing)             | 1-4     |
| CDS 625 | Final Full-Time Practicum                              | 1-15    |
| CDS 627 | Fluency Disorders                                      | 2       |
| CDS 631 | Cultural-Linguistic Diversity for Clinicians : [Topic] | 1-3     |
| CDS 649 | Feeding and Swallowing Disorders                       | 4       |
| CDS 651 | School-Age Language Disorders                          | 4       |
| CDS 652 | Speech Sound Disorders                                 | 4       |
| CDS 654 | Management of Adult Language Disorders                 | 4       |
| CDS 656 | Voice Science and Disorders                            | 3       |
| CDS 657 | Augmentative Procedures for Communication Disorders    | 2       |
| CDS 660 | Motor Speech Disorders                                 | 3       |

|                      |                                            |              |
|----------------------|--------------------------------------------|--------------|
| CDS 663              | Management of Acquired Cognitive Disorders | 4            |
| CDS 665              | Language Disorders in Children             | 4            |
| CDS 706              | Practicum: [Topic]                         | 1-3          |
| <b>Total Credits</b> |                                            | <b>47-84</b> |

\*Students who wish to obtain a master of arts degree must complete the equivalent of two years of a second language.

## ASHA Requirements

In addition to the core master's degree requirements, additional course work may be needed to fulfill ASHA certification requirements. Of the 50 credits, 36 must be taken at the graduate level.

# Communication Disorders and Sciences (PhD)

## Samantha Shune, Program Director

541-346-2480

HEDCO Education Building, Second Floor

cds@uoregon.edu

The doctoral degree (PhD) in communication disorders and sciences emphasizes advanced knowledge, scholarship, leadership, and clinical competence in the areas of speech-language acquisition, speech-language pathology, and assessment and intervention strategies. The doctoral degree program is designed to meet the needs of students from various backgrounds and to train future scholars in the profession.

## Application and Admission

Students should have a GPA of at least 3.50. Most applicants have a master's degree and their certificate of clinical competence upon admission.

Applications for admission are available online at the Communication Disorders and Sciences website. Application materials should be received by January 15 for entry the following September.

Prior to submitting an application, an applicant should have contact with a UO faculty member in the desired area of specialization and have identified a potential doctoral mentor. Upon admission and in consultation with the student, an academic advisor is selected, taking into account the student's personal and professional goals. This advisor chairs the student's program committee.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate competence in scholarly, scientific writing by the end of their second year of study.
- Demonstrate competence, including cultural competence, in designing and implementing a research study by the end of their fourth year of study.
- Demonstrate competence in conducting teaching in an inclusive and culturally responsive manner by the end of their fourth year of study.

Options for primary area of specialization include child and adolescent language, early language, swallowing, cognitive rehabilitation, and multicultural issues. The collateral or secondary area may involve courses in more than one academic department. Examples of collateral

areas are neuropsychology, linguistics, or developmental psychology. Doctoral students must choose an area of research interest (e.g., single-subject or quantitative methodologies). Other requirements are detailed in the *Doctoral Program Handbook*, available through the program office.

## School Psychology (MS)

<https://education.uoregon.edu/spsy> (<https://education.uoregon.edu/spsy/>)

541-346-7170

541-346-0683 fax

HEDCO Education Building, Third Floor

spsy@uoregon.edu (sped@uoregon.edu)

The master's degree (specialist-level) program in school psychology requires a minimum of 92 credits, and typically takes three years to complete. It includes a sequence of supervised field experiences, practica, and a 1,200 hour internship.

The master's program is accredited by the National Association of School Psychologists and approved by the Oregon Teachers Standards and Practices Commission for the educational licensure of school psychologists in the state of Oregon.

Graduates of this program meet school psychologist licensure requirements through the Oregon Teacher Standards & Practices and are eligible for the nationally certified school psychologist credential offered by the National Association of School Psychologists.

Upon completion of specialist-level training in school psychology at the University of Oregon, students will be prepared for careers in the field, providing leadership and delivering school psychological services in K-12 schools and related settings. This preparation involves completion of four objectives that are reflective of our mission, values, and program philosophy. Each objective is linked to specific competencies which delineate specific behaviors students will engage in to demonstrate mastery of an objective.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Master foundational knowledge in the ten domains of school psychology practice (NASP, 2020).
- Demonstrate proficiency of practice/applied skills in the ten domains of school psychology practice (NASP, 2020).
- Demonstrate skills in leadership and professional service.
- Develop patterns of professional behavior and participate in experiences consistent with becoming a lifelong learner in the field of school psychology.

The ten domains of school psychology practice are defined by the NASP (2020) Standards for Graduate Training and Model for Comprehensive and Integrated School Psychological Services and include:

- Data-based decision making.
- Consultation and collaboration.
- Academic interventions and supports.
- Mental and behavioral health services.
- School-wide practices to promote learning.
- Services to promote safe and supportive schools.
- Family, school, and community collaboration.



- Equitable practices for diverse populations.
- Research and evidence-based practice.
- Legal, ethical, and professional practice.

## School Psychology Major

The master's degree (specialist-level) program in school psychology requires a minimum of 92 credits, and typically takes three years to complete. It includes a sequence of supervised field experiences, practica, and a 1,200 hour internship.

The master's program is accredited by the National Association of School Psychologists and approved by the Oregon Teachers Standards and Practices Commission for the educational licensure of school psychologists in the state of Oregon.

Graduates of this program meet school psychologist licensure requirements through the Oregon Teacher Standards & Practices and are eligible for the nationally certified school psychologist credential offered by the National Association of School Psychologists.

| Code                                                       | Title                                         | Credits   |
|------------------------------------------------------------|-----------------------------------------------|-----------|
| <b>Psychological and Education Foundations</b>             |                                               | <b>11</b> |
| SPED 660                                                   | Design of Instruction                         |           |
| SPSY 650                                                   | Developmental Psychopathology                 |           |
| SPED 515                                                   | Diversity and Special Education               |           |
| <b>Measurement and Assessment</b>                          |                                               | <b>15</b> |
| SPSY 671                                                   | Behavioral Assessment                         |           |
| SPSY 672                                                   | Intellectual Assessment                       |           |
| SPSY 674                                                   | Educational Assessment                        |           |
| EDLD 663                                                   | Measurement & Assessment: Research            |           |
| <b>Statistics and Research</b>                             |                                               | <b>9</b>  |
| Statistics and Research Design                             |                                               |           |
| EDUC 614                                                   | Educational Statistics                        |           |
| EDUC 650                                                   | Single-Subject Research Methods I             |           |
| Application of Research Skills: Dissertation Research      |                                               |           |
| SPSY 503                                                   | Thesis                                        |           |
| or EDUC 615 Survey of Educational Research Methods         |                                               |           |
| <b>Practice of School Psychology</b>                       |                                               | <b>40</b> |
| Consultation                                               |                                               |           |
| SPSY 630                                                   | Introduction to Consultation                  |           |
| SPSY 632                                                   | Advanced Consultation                         |           |
| Academic and Social Behavioral Interventions               |                                               |           |
| SPSY 631                                                   | Academic and Behavioral Interventions         |           |
| CPSY 611                                                   | Counseling Skills                             |           |
| SPED 540                                                   | Early Literacy for Diverse Learners           |           |
| CPSY 642                                                   | Child-Family Interventions                    |           |
| SPSY 511 School-Based Mental Health Promotion & Prevention |                                               |           |
| Professional Standards and Ethics                          |                                               |           |
| SPSY 661                                                   | Principles and Practices in School Psychology |           |
| SPSY 662                                                   | Foundations of Clinical Supervision           |           |
| SPED 628 Law and Special Education                         |                                               |           |
| SPSY 663                                                   | Professional Ethics                           |           |
| SPSY 692                                                   | Professional Competencies Portfolio           |           |

## Practicum & Field Study Experiences - Minimum 520 Clock Hours

SPSY 698 School-Based Practicum (Fall, Winter and Spring terms)

## Internship Experience - Minimum 1200 Clock Hours

SPSY 699 Internship (Fall, Winter and Spring terms)

## Total Credits 93

## School Psychology (PhD)

<https://education.uoregon.edu/spsy/graduate/phd> (<https://education.uoregon.edu/spsy/graduate/phd/>)

541-346-7170

541-346-0683 fax

HEDCO Education Building, Third Floor

spsy@uoregon.edu (sped@uoregon.edu)

The doctoral program is accredited by the American Psychological Association and the National Association of School Psychologists, and approved by the Oregon Teachers Standards and Practices Commission for the educational licensure of school psychologists in the state of Oregon.

Graduates of this program meet school psychologist licensure requirements through the Oregon Teacher Standards & Practices and are eligible for the nationally certified school psychologist credential offered by the National Association of School Psychologists. Additionally, the doctoral program prepares students to qualify for licensure as a professional psychologist through the state board of psychologist examiners.

Upon completion of doctoral training in school psychology at the University of Oregon, students will be prepared for a variety of careers in the field including careers in university teaching, research, leadership, and provision of school psychological services. This preparation involves completion of eight objectives that are reflective of our mission, values, and program philosophy. Each objective is linked to specific competencies which delineate specific behaviors students will engage in to demonstrate mastery of an objective.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Master basic foundational knowledge in the fields of psychology and education.
- Develop expertise in planning and conducting applied research in psychology and education.
- Demonstrate proficiency in professional writing and scholarly analysis.
- Deliver psychological services in school settings, including assessment, intervention, and consultation skills, with proficiency.
- Demonstrate skill in teaching, at both the university pre-service level and the professional in-service level.
- Develop skills in supervision of school psychology services.
- Demonstrate skills in leadership and professional service.
- Develop patterns of professional behavior and participate in experiences consistent with becoming a lifelong learner in the field of school psychology.



## Doctoral Degree

The doctoral program includes an individualized plan of study with 160 credits minimum, culminating in an original research dissertation, a predoctoral internship, and the doctor of philosophy (PhD) degree. Students may enter the doctoral program with or without a master's degree. Prior graduate course work may reduce the amount of time needed to finish the doctoral program.

The program prepares students to qualify for licensure as a professional psychologist through the state board of psychologist examiners, as well as state certification or licensure as a school psychologist in Oregon and most other states. Students who complete this program are eligible for the nationally certified school psychologist credential offered by the National Association of School Psychologists.

| Code                 | Title                                                                                              | Credits    |
|----------------------|----------------------------------------------------------------------------------------------------|------------|
|                      | Psychological and educational foundations                                                          | 33         |
|                      | Measurement and assessment                                                                         | 16         |
|                      | Statistics and research (course work, participation in a research team, and dissertation research) | 49         |
|                      | Practice of school psychology (teaching, supervision, and practicum experience)                    | 40         |
|                      | School psychology practicum or internship                                                          | 22         |
| <b>Total Credits</b> |                                                                                                    | <b>160</b> |

## Special Education (MA/MS)

**Beth Harn, Program Director**

541-346-1412

541-346-0683 fax

HEDCO Education Building, Third Floor

sped@uoregon.edu

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Create safe, inclusive, culturally responsive learning environments so that individuals with exceptionalities become active and effective learners and develop emotional well-being, positive social interactions, and self-determination. (CEC Initial Prep. Standard 1), as measured by passing grades (P) in all practicum and/or student teaching experiences.
- Practice within ethical and legal guidelines; advocate for improved outcomes for individuals with exceptionalities and their families while considering their social, cultural, and linguistic diversity (CEC Initial Prep. Sub-Standards 1.1 and 1.2), as measured by a grade of B- or better in SPED 428/528 SPED Law.
- Create and contribute to safe, respectful, and productive learning environments for individuals with exceptionalities through the use of effective routines and procedures and use a range of preventive and responsive practices to support social, emotional and educational well-being (CEC Initial Prep. Sub-standard 6.1), as measured by a grade of B- or better in SPED 426/526 Behavior and Classroom Management.
- Consider individual abilities, interests, learning environments, and cultural and linguistic factors in the selection, development, and adaptation of learning experiences for individuals with exceptionalities (CEC Sub-standard 5.1), as measured by grades of B- or better in all instructional methods courses.

## Special Education Major

| Code                                                              | Title                                                 | Credits    |
|-------------------------------------------------------------------|-------------------------------------------------------|------------|
| <b>Foundations - Select one course from the following:</b>        |                                                       | <b>3</b>   |
| SPED 511                                                          | Foundations of Disability I                           |            |
| SPED 680                                                          | Foundations in Early Childhood and Early Intervention |            |
| <b>Behavioral Support - Select one course from the following:</b> |                                                       | <b>3-4</b> |
| SPED 526                                                          | Behavior and Classroom Management                     |            |
| SPED 536                                                          | Advanced Behavior and Classroom Management            |            |
| <b>Legal</b>                                                      |                                                       | <b>3</b>   |
| SPED 528                                                          | Special Education Law                                 |            |
| <b>Multicultural</b>                                              |                                                       | <b>3</b>   |
| SPED 515                                                          | Diversity and Special Education                       |            |
| <b>Field Studies - Select one course in this area:</b>            |                                                       | <b>3</b>   |
| SPED 606                                                          | Practicum: [Topic]                                    |            |
| SPED 609                                                          | Terminal Project                                      |            |
| <b>Research - Select one course in this area:</b>                 |                                                       | <b>3-4</b> |
| SPED 610                                                          | Experimental Course: [Topic]                          |            |
| SPED 611                                                          | Early Intervention Practicum I                        |            |
| <b>Terminal Activity</b>                                          |                                                       |            |

Students who wish to obtain a master of arts degree must complete the equivalent of two years of a second language.

## Accelerated Master's in Special Education: EI/ECSE Program

This Accelerated Master's in Special Education provides foundational knowledge about the field of special education, emphasizing skill development in four areas: (a) foundations of disability; (b) instructional methods for young children (ages birth to five) with developmental delays or disabilities; (c) social emotional and behavioral supports (providing interventions to promote social development and supporting young children with challenging behaviors); and (d) coaching families of young children with disabilities. The program is ideally suited for students interested in careers in education, human services and social work, or related fields, who are interested in supporting young children with disabilities and their families in public or private educational settings, disability-serving agencies, and/or community-based settings. The program will be available to any UO student who (a) completes our existing minor in special education, and (b) meets the program's graduate admission criteria. It provides participants an accelerated pathway to licensure in early intervention/early childhood special education and a master's degree in special education.

Early Intervention/Early Childhood Special Education Licensure Plan of Study

| Code                                     | Title                               | Credits   |
|------------------------------------------|-------------------------------------|-----------|
| <b>Undergraduate Junior <sup>1</sup></b> |                                     | <b>13</b> |
| SPED 411                                 | Foundations of Disability I         |           |
| SPED 406                                 | Practicum: [Topic]                  |           |
| <b>Undergraduate Senior</b>              |                                     | <b>11</b> |
| SPED 540                                 | Early Literacy for Diverse Learners |           |
| SPED 528                                 | Special Education Law               |           |
| SPED 526                                 | Behavior and Classroom Management   |           |

| Graduate                                |                                                       | 39 |
|-----------------------------------------|-------------------------------------------------------|----|
| Fall                                    |                                                       |    |
| SPED 680                                | Foundations in Early Childhood and Early Intervention |    |
| EDUC 611                                | Survey of Educational Research Methods                |    |
| SPED 687                                | Early Intervention Methods I                          |    |
| SPED 611                                | Early Intervention Practicum I                        |    |
| SPED 691                                | Professional Practices in Early Intervention I        |    |
| Winter                                  |                                                       |    |
| SPED 682                                | Assessment and Evaluation                             |    |
| SPED 681                                | Early Intervention for Diverse Families               |    |
| SPED 688                                | Early Intervention Methods II                         |    |
| SPED 612                                | Early Intervention Practicum II                       |    |
| SPED 692                                | Professional Practices in Early Intervention II       |    |
| SPED 683                                | Curriculum in Early Childhood and Early Intervention  |    |
| Spring                                  |                                                       |    |
| SPED 689 Early Intervention Methods III |                                                       |    |
| SPED 625                                | Final Supervised Field Experience                     |    |
| SPED 693                                | Professional Practices in Early Intervention III      |    |
| Total Credits                           |                                                       | 63 |

<sup>1</sup> Required courses includes two SPED Minor elective courses [min 6 credits; taken any term; please see SPED Minor program plan for list of elective courses here: [https://education.uoregon.edu/sites/education2.uoregon.edu/files/spedminor\\_programplan\\_112320.pdf](https://education.uoregon.edu/sites/education2.uoregon.edu/files/spedminor_programplan_112320.pdf)]

## Special Education (MEd)

### Beth Harn, Program Director

541-346-1412

541-346-0683 fax

HEDCO Education Building, Third Floor

[sped@uoregon.edu](mailto:sped@uoregon.edu)

The candidate must have a valid teaching license and have completed at least one year of successful classroom teaching in the United States.

The program of study leading to the master's degree requires a minimum of 45 credits of graduate work. The program of study includes required core courses, associated field studies, electives, and a terminal project.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Create safe, inclusive, culturally responsive learning environments so that individuals with exceptionalities become active and effective learners and develop emotional well-being, positive social interactions, and self-determination. (CEC Initial Prep. Standard 1), as measured by passing grades (P) in all practicum and/or student teaching experiences.
- Practice within ethical and legal guidelines; advocate for improved outcomes for individuals with exceptionalities and their families while considering their social, cultural, and linguistic diversity (CEC Initial

Prep. Sub-Standards 1.1 and 1.2), as measured by a grade of B- or better in SPED 428/528 SPED Law.

- Create and contribute to safe, respectful, and productive learning environments for individuals with exceptionalities through the use of effective routines and procedures and use a range of preventive and responsive practices to support social, emotional and educational well-being (CEC Initial Prep. Sub-standard 6.1), as measured by a grade of B- or better in SPED 426/526 Behavior and Classroom Management.
- Consider individual abilities, interests, learning environments, and cultural and linguistic factors in the selection, development, and adaptation of learning experiences for individuals with exceptionalities (CEC Sub-standard 5.1), as measured by grades of B- or better in all instructional methods courses.

## Accelerated Master's in Special Education: EI/ECSE Program

This Accelerated Master's in Special Education provides foundational knowledge about the field of special education, emphasizing skill development in four areas: (a) foundations of disability; (b) instructional methods for young children (ages birth to five) with developmental delays or disabilities; (c) social emotional and behavioral supports (providing interventions to promote social development and supporting young children with challenging behaviors); and (d) coaching families of young children with disabilities. The program is ideally suited for students interested in careers in education, human services and social work, or related fields, who are interested in supporting young children with disabilities and their families in public or private educational settings, disability-serving agencies, and/or community-based settings. The program will be available to any UO student who (a) completes our existing minor in special education, and (b) meets the program's graduate admission criteria. It provides participants an accelerated pathway to licensure in early intervention/early childhood special education and a master's degree in special education.

Early Intervention/Early Childhood Special Education Licensure Plan of Study

| Code                                     | Title                                                 | Credits   |
|------------------------------------------|-------------------------------------------------------|-----------|
| <b>Undergraduate Junior <sup>1</sup></b> |                                                       | <b>13</b> |
| SPED 411                                 | Foundations of Disability I                           |           |
| SPED 406                                 | Practicum: [Topic]                                    |           |
| <b>Undergraduate Senior</b>              |                                                       | <b>11</b> |
| SPED 540                                 | Early Literacy for Diverse Learners                   |           |
| SPED 528                                 | Special Education Law                                 |           |
| SPED 526                                 | Behavior and Classroom Management                     |           |
| <b>Graduate</b>                          |                                                       | <b>39</b> |
| Fall                                     |                                                       |           |
| SPED 680                                 | Foundations in Early Childhood and Early Intervention |           |
| EDUC 611                                 | Survey of Educational Research Methods                |           |
| SPED 687                                 | Early Intervention Methods I                          |           |
| SPED 611                                 | Early Intervention Practicum I                        |           |
| SPED 691                                 | Professional Practices in Early Intervention I        |           |
| Winter                                   |                                                       |           |
| SPED 682                                 | Assessment and Evaluation                             |           |
| SPED 681                                 | Early Intervention for Diverse Families               |           |

|                                         |                                                      |           |
|-----------------------------------------|------------------------------------------------------|-----------|
| SPED 688                                | Early Intervention Methods II                        |           |
| SPED 612                                | Early Intervention Practicum II                      |           |
| SPED 692                                | Professional Practices in Early Intervention II      |           |
| SPED 683                                | Curriculum in Early Childhood and Early Intervention |           |
| Spring                                  |                                                      |           |
| SPED 689 Early Intervention Methods III |                                                      |           |
| SPED 625                                | Final Supervised Field Experience                    |           |
| SPED 693                                | Professional Practices in Early Intervention III     |           |
| <b>Total Credits</b>                    |                                                      | <b>63</b> |

<sup>1</sup> Required courses includes two SPED Minor elective courses [min 6 credits; taken any term; please see SPED Minor program plan for list of elective courses here: [https://education.uoregon.edu/sites/education2.uoregon.edu/files/spedminor\\_programplan\\_112320.pdf](https://education.uoregon.edu/sites/education2.uoregon.edu/files/spedminor_programplan_112320.pdf)]

## Special Education (DEd)

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Provide supervision to teacher candidates and have experience in designing, revising, and teaching a course in the field of special education that promotes equity, diversity, and inclusion and effectively supports the learning development of undergraduate and/or graduate students.
- Critically evaluate, design, and implement research that promotes equity, diversity, and inclusion to better meet the needs of individuals, students, and families with disabilities.
- Engage in program, college, university, profession, or community service to better understand the roles and responsibilities involved in collaborative efforts with a variety of partners.

## Special Education (PhD)

<http://education.uoregon.edu/SPED> (<http://education.uoregon.edu/SPED/>)

**Beth Harn, Program Director**

541-346-1412

541-346-0683 fax

HEDCO Education Building, Third Floor

[sped@uoregon.edu](mailto:sped@uoregon.edu)

Our nationally ranked University of Oregon Special Education program has a track record of preparing graduates to stand out in their careers and improve educational practices. The research, resources, and practices our program faculty conduct impacts the field of education in the US and globally.

Our doctoral training experience is unique and individualized. Our program competencies are designed to support you to develop expertise in the domains of teaching, service, and research. Working with your advisor and other program faculty, you will create a plan that will provide you expertise in the areas you are interested in studying while being

exposed to all of the service and research experiences our program and COE faculty conduct.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Provide supervision to teacher candidates and have experience in designing, revising, and teaching a course in the field of special education that promotes equity, diversity, and inclusion and effectively supports the learning development of undergraduate and/or graduate students.
- Critically evaluate, design, and implement research that promotes equity, diversity, and inclusion to better meet the needs of individuals, students, and families with disabilities.
- Engage in program, college, university, profession, or community service to better understand the roles and responsibilities involved in collaborative efforts with a variety of partners.

### Doctor of Philosophy in Special Education

The Special Education Doctoral Program requires 135 credits beyond the bachelor's degree or 90 credits past the master's degree. (The UO Division of Graduate Studies requires doctoral students to complete the equivalent of at least 81 quarter credits of graduate-level work over the course of 3 years, beyond the bachelor's degree). At least one academic year, the residency year, must be spent in residence on the Eugene campus after the student has been classified as a conditionally or an unconditionally admitted student in a doctoral program. During this residency year, the student is expected to make progress toward the degree by completing course credits and satisfying doctoral degree requirements. The residency year consists of three consecutive terms of full-time study, with a minimum of 9 completed graduate credits per term. Research (SPED 601) may be part of the 9 credits.

| Code                                                                 | Title                                       | Credits        |
|----------------------------------------------------------------------|---------------------------------------------|----------------|
| <b>Foundational Coursework</b>                                       |                                             | <b>12</b>      |
| SPED 607                                                             | Seminar: [Topic]                            |                |
| SPED 622                                                             | History of Special Education and Disability |                |
| EDUC 616                                                             | Philosophical Foundations of Social Science |                |
| SPED 626                                                             | Grant Writing                               |                |
| <b>Research Requirement</b>                                          |                                             | <b>18</b>      |
| <b>Educational Equity (Choose One of the Following) <sup>1</sup></b> |                                             | <b>3-4</b>     |
| EDST 553                                                             | Racism and Education                        |                |
| EDST 554                                                             |                                             |                |
| EDST 555                                                             | Heteronormativity and Education             |                |
| EDST 556                                                             | Decolonization and Education                |                |
| EDST 557                                                             | Immigration, Diaspora and Education         |                |
| <b>Electives <sup>2</sup></b>                                        |                                             | <b>84</b>      |
| <b>Dissertation</b>                                                  |                                             | <b>18</b>      |
| SPED 603                                                             | Dissertation                                |                |
| <b>Total Credits</b>                                                 |                                             | <b>135-136</b> |

<sup>1</sup> Students may speak with their advisor about additional course options.

<sup>2</sup> Elective credit requirement is reduced to 39 credits if entering with a Master's Degree. Electives are determined and approved in the process of developing and reviewing the student's program plan.

## School Psychology Graduate Certificate

Upon completion of specialist-level training in school psychology at the University of Oregon, students will be prepared for careers in the field, providing leadership and delivering school psychological services in K-12 schools and related settings. This preparation involves completion of four objectives that are reflective of our mission, values, and program philosophy. Each objective is linked to specific competencies which delineate specific behaviors students will engage in to demonstrate mastery of an objective.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Master foundational knowledge in the ten domains of school psychology practice (NASP, 2020).
- Demonstrate proficiency of practice/applied skills in the ten domains of school psychology practice (NASP, 2020).
- Demonstrate skills in leadership and professional service.
- Develop patterns of professional behavior and participate in experiences consistent with becoming a lifelong learner in the field of school psychology.

The ten domains of school psychology practice are defined by the NASP (2020) Standards for Graduate Training and Model for Comprehensive and Integrated School Psychological Services and include:

1. Data-based decision making.
2. Consultation and collaboration.
3. Academic interventions and supports.
4. Mental and behavioral health services.
5. School-wide practices to promote learning.
6. Services to promote safe and supportive schools.
7. Family, school, and community collaboration.
8. Equitable practices for diverse populations.
9. Research and evidence-based practice.
10. Legal, ethical, and professional practice.

## Early Intervention-Early Childhood Special Education Graduate Certificate

<http://education.uoregon.edu/SPED> (<http://education.uoregon.edu/SPED/>)

**Stephanie Shire, Program Coordinator**

541-346-1412

541-346-0683 fax

HEDCO Education Building, Third Floor

[sped@uoregon.edu](mailto:sped@uoregon.edu)

Our licensure program prepares professionals to help children birth through 5 years with disabilities to succeed. Students learn to provide high quality services to young children with special needs with a focus on inclusive practices and family-guided intervention.

The Early Intervention major leads to a master's degree in Special Education with an emphasis in Early Intervention/Early Childhood Special Education (EI/ECSE).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Create safe, inclusive, culturally responsive learning environments so that individuals with exceptionalities become active and effective learners and develop emotional well-being, positive social interactions, and self-determination. (CEC Initial Prep. Standard 1), as measured by passing grades (P) in all practicum and/or student teaching experiences.
- Practice within ethical and legal guidelines; advocate for improved outcomes for individuals with exceptionalities and their families while considering their social, cultural, and linguistic diversity (CEC Initial Prep. Sub-Standards 1.1 and 1.2), as measured by a grade of B- or better in SPED 428/528 SPED Law.
- Create and contribute to safe, respectful, and productive learning environments for individuals with exceptionalities through the use of effective routines and procedures and use a range of preventive and responsive practices to support social, emotional and educational well-being (CEC Initial Prep. Sub-standard 6.1), as measured by a grade of B- or better in SPED 426/526 Behavior and Classroom Management.
- Consider individual abilities, interests, learning environments, and cultural and linguistic factors in the selection, development, and adaptation of learning experiences for individuals with exceptionalities (CEC Sub-standard 5.1), as measured by grades of B- or better in all instructional methods courses.

# School of Journalism and Communication

---

## Juan-Carlos Molleda, Edwin L. Artz Dean and Professor

217A Allen Hall  
1275 University of Oregon  
Eugene, Oregon 97403-1275  
541-346-3602

The UO School of Journalism and Communication is a community dedicated to excellence in learning, research, and creative projects. We are scholars, professionals, and students studying issues that champion freedom of expression, dialogue, and democracy in service to current and future generations.

While our Pacific Northwest home inspires our explorations of media, technology, and the human condition, our work at the undergraduate and graduate levels has global impact—researching, advocating for, and reporting on critical issues such as diversity and equity, the environment, and social and economic justice. Along the way, we facilitate relationships across media professions that promote public advocacy, social responsibility, transparency, and civic engagement.

By integrating theory and practice, we advance communication and media scholarship and prepare students to become professional storytellers, critical thinkers, thought leaders, and responsible citizens in a global society.

Come to Oregon; change the world.

With a century-long history, the University of Oregon School of Journalism and Communication is one of the first professional journalism schools in the nation, the only accredited comprehensive journalism program to include advertising and public relations in the Pacific Northwest, and one of only 112 accredited programs worldwide. More than a century after its founding, our school is a national leader in scholarship and education in advertising, journalism, media studies, public relations, and strategic communication. With a student enrollment of more than 2,200, we offer doctoral, master's, and undergraduate degree programs that challenge students to become productive scholars, ethical communicators, critical thinkers, and responsible citizens in a global society.

We attract and nurture students who seek the truth, challenge the status quo, and move society forward, together. These shared values shape our community and support a culture that's collaborative, immersive, inclusive, and entrepreneurial. Our classes and hands-on learning programs foster critical thinking and creativity while giving students a supportive environment to push their limits, explore new interests, and build innovative and transferrable skills. Our faculty and student researchers shape the professions we partner with by offering groundbreaking insights and new approaches to advertising, journalism, media, public relations, and strategic communication. Our success is measured by our student and alumni work, our faculty and student contributions to research, our collaboration and partnerships with our partners in the field, and our impact on the world around us.

## Faculty

Jesse Abdenour, associate professor (news processes and production, documentary, investigative journalism). BS, 1999, Ohio; MA, 2010, Arkansas; PhD, 2015, North Carolina. (2015)

Shan Anderson, senior instructor (advertising, digital publishing, visual design). BFA, 1991, Oregon. (2014)

Steven Asbury, instructor I (visual communications, design, advertising). BS, 1997, Oregon. (2014)

Thomas (Tom) H. Bivins, John L. Hulteng Chair in Media Ethics and Responsibility; professor (communication ethics, communication history). BA, 1974, MFA, 1976, Alaska, Anchorage; PhD, 1982, Oregon. (1985)

Marquis (Mark) E. Blaine, professor of practice (multimedia journalism, feature writing). BJ, 1993, Missouri, Columbia; MS, 2000, Oregon. (2003)

Mitchell Block, professor (documentary & film studies). BFA, 1972, NYU; MFA, 1973, NYU; MBA, 1974, Columbia. (2020)

Derek Brandow, instructor (confidence, public speaking). (2018)

Charles Butler, instructor I (magazines, narrative nonfiction, sports journalism). BA, 1985, MS, 1999, Columbia. (2016)

Dayna Chatman, assistant professor (race, gender, and media; television studies; social media). BA, 2005, Saint Mary's College of California; MA, 2012, Illinois, Chicago; MA, 2013, PhD, 2016, Southern California. (2018)

Christopher Chávez, Carolyn Silva Chambers Distinguished Professor of Advertising; Interim Director, Advertising and Brand Responsibility Program; Director, Center for Latina/o and Latin American Studies (advertising, popular culture, media studies and globalization). BS, 1993, California State Polytechnic, Pomona; MA, 1995, MA, 2006, PhD, 2009, Southern California. (2012)

Alexandra (Alex) Segre Cohen, assistant professor (science communication -- environmental focus). BA, 2016, Clark University; PhD, 2022, Southern California. (2022)

Amanda Cote, associate professor (media studies, identity, game studies). BA, 2010, Virginia; PhD, 2016, Michigan, Ann Arbor. (2018)

Nicole Smith Dahmen, professor (visual communication). BGS, 1997, MMC, 2001, Louisiana State; PhD, 2007, North Carolina, Chapel Hill. (2014)

Donna Davis, associate professor (strategic communication, public relations, virtual worlds); director, Strategic Communication Program. BA, 1981, MS, 2005, PhD, 2010, Florida. (2011)

Charlie Deitz, Instructor. BA, 2002 Montclair State; MS 2013, PhD, 2018 Oregon (2022)

Nicole (Nikki) Dunsire, instructor (Oregon Reality Lab Manager). BA, 2002 Denver; MS, 2004, DePaul University (2021)

Andrew DeVigal, professor of practice (media innovation, community engagement, experience design); Chair in Journalism Innovation and Civic Engagement. BS, 1993, San Francisco. (2014)

Troy R. Elias, Associate Vice Provost for Diversity & Inclusion; associate professor (advertising, race and ethnicity, information and communication technology). BS, 2004, Claflin; MA, 2006, PhD, 2009, Ohio State. (2014)



David Ewald, professor of practice (advertising, brand innovation). BS, 2001. (2019)

Maxwell (Max) Foxman, assistant professor (game studies, gamification, immersive media). BA, 2007, Columbia; MA, 2012, New York; MPhil, 2015, PhD, 2018, Columbia. (2018)

Torsten Kjellstrand, professor of practice (photojournalism, multimedia and visual journalism). BA, 1984, Carleton College; MA, 1997, Missouri, Columbia. (2013)

Kathryn Kuttis, instructor I (cultural and media studies, visual design, representation). BA, 1995, Drew; MLA, 2010, Oregon. (2014)

Peter D. Laufer, James N. Wallace Chair of Journalism: News-Editorial; professor (long-form journalism, radio journalism, international journalism). MA, 1986, American; PhD, 2009, Leeds Metropolitan. (2010)

Regina Lawrence, professor (political communication, civic engagement, journalism innovation); Associate Dean, George S. Turnbull Portland Center and Agora Journalism Center. BA, 1985, Denver; MA, 1991, Colorado; PhD, 1997, Washington, Seattle. (2015)

TaeHo Lee, assistant professor (strategic communication, communication ethics, media law). BA, 2005, Seoul National; JD, 2009, Emory; PhD, 2017, North Carolina, Chapel Hill. (2017)

Seth C. Lewis, Shirley Papé Chair in Emerging Media; professor; director, journalism. BS, 2002, Brigham Young; MBA, 2005, Barry; PhD, 2010, Texas, Austin. (2016)

Hayoung (Sally) Lim, assistant professor (cultural diversity and brand responsibility). BA, 2016, Korea; MA, 2018, PhD, 2022, Texas, Austin (2022)

Ed Madison, associate professor (multimedia journalism, digital publishing, media entrepreneurship). BS, 1979, Emerson College; PhD, 2012, Oregon. (2012)

Gabriela Martinez, professor (electronic media, international communication, Latin American studies); director, Journalism Master's Program. BA, 1999, MA, 2000, San Francisco State; PhD, 2005, Oregon. (2005)

Kelli I. Matthews, senior instructor (public relations, strategic communication, social media). BA, 2001, MA, 2004, Oregon. (2011)

Tom McDonnell, professor of practice (advertising). BS, 1982, Oregon. (2014)

Daniel L. Miller, associate professor (video production, documentary film and video). BS, 1983, MS, 1986, PhD, 1994, Oregon. (2001)

Juan-Carlos Molleda, professor; Edwin L. Artzt Dean. BS, 1990, Zulia; MS, 1997, Radford; PhD, 2000, South Carolina. (2016)

Daniel D. (Dan) Morrison, senior instructor II (photojournalism, multimedia and visual journalism). BA, 1984, MPA, 1994, Texas, Austin. (2010)

Deborah (Deb) K. Morrison, professor (advertising and brand creativity, creative process, social responsibility); associate dean for undergraduate affairs. BA, 1978, Sam Houston State; MA, 1984, PhD, 1988, Texas, Austin. (2006)

Dean E. Mundy, associate professor (public relations, media framing); director, public relations. BA, 1996, MA, 2006, PhD, 2010, North Carolina, Chapel Hill. (2014)

Courtney Munther, senior instructor I (nonprofit communication, fundraising, strategic public relations writing). BA, 2004, Smith; MA, 2012, Nebraska, Lincoln. (2014)

Bryce Newell, associate professor (media studies, media law and policy). BS, 2006; JD, 20010, UC Davis; PhD, 2015, University of Washington. (2019)

Julianne H. Newton, director, communication and media studies MA and PhD program, professor (visual communication, visual ethics, visual behavior, photojournalism, and cognitive theory). BA, 1970, Baylor; MA, 1983, PhD, 1991, Texas, Austin. (2000)

Sylvester Senyo Ofori-Parku, associate professor (consumer insights and strategy, corporate sustainability, consumer behavior). BA, 2003, Cape Coast; MA, 2010, Ghana; PhD, 2015, Oregon. (2017)

Sung J. Park, senior instructor I (photojournalism, multimedia journalism). BS, 1991, MFA, 2010, Syracuse. (2010)

Ellen Peters, professor (Philip H. Knight Chair of Science Communication and director of the science and communication research [SCRJ]). BS/BSE, 1989, MS, 1994, PhD, 1998, Oregon. (2019)

Lisa Peyton, instructor (immersive and strategic communications). BA, Virginia Commonwealth; MA, 2017, Fielding Graduate University, Santa Barbara. (2021)

Whitney Phillips, assistant professor (digital platforms and ethics). BA, 2004, Humboldt State; MFA, 2007, Emerson College; PhD, 2012, University of Oregon (2022)

Danny Pimentel, assistant professor (immersive media psychology). BS, Florida; MS, Florida International, 2014; PhD, 2020, Florida. (2020)

Donnalyn Pompper, professor (public relations, corporate social responsibility, critical race and feminist studies). BA, 1983, Rowan; MJ, 1994, PhD, 2001, Temple. (2017)

Wes Pope, associate professor (multimedia journalism). BA, 1996, Washington, Seattle; MA, 2010, Syracuse. (2012)

Damian Radcliffe, Carolyn S. Chambers Professor in Journalism; professor of practice (community journalism, trends in social media and technology, media business models). BA, 1998, MA, 2009, Oxford. (2015)

Robert (Bob) Rickert, instructor

Biswarup "Bish" Sen, associate professor (communication studies, global media, television studies). BA, 1975, St. Xavier's College, Kolkata; MA, 1982, Ohio State; PhD, 1990, Illinois, Urbana-Champaign. (2010)

Autumn Shafer, associate professor (health communication, communication campaign testing and evaluation, media psychology). BA, 2000, MA, 2003, Washington State; PhD, 2011, North Carolina, Chapel Hill. (2015)

Lori Shontz, senior instructor I (writing and reporting, sports journalism, community engagement). BS, 1991, MEd, 2013, Pennsylvania State. (2014)

Hollie Smith, associate professor (science and environmental communication); associate director science and communication research (SCR). BS, 2007, Southern Utah; MA, 2010, Washington State; PhD, 2014, Maine. (2018)

Gretchen Soderlund, associate professor (media history, gender and media); director, media studies. BA, 1993, Virginia Commonwealth; PhD, 2002, Illinois, Urbana-Champaign. (2013)

H. Leslie Steeves, professor (diversity and media, development communication and social change); senior associate dean, academic affairs. BS, 1971, Vermont; MS, 1974, PhD, 1980, Wisconsin, Madison. (1987)

Paul Swangard, instructor (advertising and sport brand strategy). BA, 1990, MBA, 1999, Oregon (2019)

Brent Walth, associate professor (journalism). BS, 1984, Oregon; MFA, 2012, Warren Wilson College. (2007)

Janet Wasko, Philip H. Knight Chair; professor (communication studies, political economy of communication); director, media studies. BA, 1973, MA, 1974, California State; PhD, 1980, Illinois. (1986)

Henry Wear, assistant professor (public relations, sports communication). BS, 2008; MS, 2014, Kansas; PhD, 2017, South Carolina. (2019)

Kyu Ho Youm, Jonathan Marshall First Amendment Chair; professor (communication law, international law, news-editorial). BA, 1980, Konkuk; MA, 1982, PhD, 1985, Southern Illinois; MSL, 1998, Yale; MSt, 2006, Oxford. (2002)

Will Yurman, instructor (digital video news/broad cast production). BA, 1983, State University of New York, Albany. (2022)

## Emeriti

Patricia A. Curtin, professor emerita. AB, 1977, Earlham College; MA, 1991, PhD, 1996, Georgia. (2006)

Rebecca G. Force, professor emerita. BA, 1968, Vassar College. (1996)

Charles F. Frazer, professor emeritus. AB, 1968, Rutgers; MA, 1972, Fairfield; PhD, 1976, Illinois. (1990)

Timothy W. Gleason, professor emeritus. BA, 1980, State University of New York, Empire State; MA, 1983, PhD, 1986, Washington (Seattle). (1987)

Lauren J. Kessler, professor emerita. BSJ, 1971, Northwestern; MS, 1975, Oregon; PhD, 1980, Washington (Seattle). (1980)

David Koranda, professor emeritus. BA, 1970, Wilkes; BS, 1978, Oregon. (2001)

Scott R. Maier, professor emeritus. BA, 1977, Oberlin; MA, 1989, Southern California; PhD, 2000, North Carolina, Chapel Hill. (2000)

Ann C. Maxwell, associate professor emerita. BA, 1973, MA, 1975, California State, Fullerton; PhD, 2008, Pacifica Graduate Institute. (1986)

Duncan L. McDonald, professor emeritus. BS, 1966, Ohio; MS, 1972, Oregon. (1975)

Debra L. Merskin, professor emerita. BA, 1983, South Florida, Tampa; MLA, 1989, South Florida, St. Petersburg; PhD, 1993, Syracuse. (1993)

Karl J. Nestvold, professor emeritus. BS, 1954, Wyoming; MS, 1960, Oregon; PhD, 1972, Texas, Austin. (1961)

Jon Palfreman, professor emeritus. BS, 1971, University College, London; MS, 1972, Sussex; PhD, 2005, Glamorgan. (2006)

Stephen E. Ponder, associate professor emeritus. B.A., 1964, Washington (Seattle); MA, 1975, George Washington; PhD, 1985, Washington (Seattle). (1985)

Deanna M. Robinson, professor emerita. BA, 1964, MA, 1972, PhD, 1974, Oregon. (1976)

John T. Russial, associate professor emeritus. BA, 1973, Lehigh; MA, 1975, Syracuse; PhD, 1989, Temple. (1992)

William E. Ryan II, associate professor emeritus. BA, 1964, Loras; MA, 1975, EdD, 1991, South Dakota. (1987)

Kim Sheehan, professor emerita. BS, 1980, Northwestern; MBA, 1993, Boston University; PhD, 1998, Tennessee, Knoxville. (1998)

Ronald E. Sherriffs, professor emeritus. BA, 1955, MA, 1957, San Jose State; PhD, 1964, Southern California. (1965)

James R. Upshaw, professor emeritus. BA, 1962, San Diego State. (1992)

William B. Willingham, associate professor emeritus. AB, 1957, MA, 1963, Indiana. (1965)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate

### Majors - Bachelor's Degree

- Journalism (BA/BS) (p. 545)
- Journalism: Advertising (BA/BS) (p. 547)
- Journalism: Media Studies (BA/BS) (p. 548)
- Journalism: Public Relations (BA/BS) (p. 549)

### Minors

- Media Studies (p. 551)
- Science Communication (p. 551)

---

The role of the school's undergraduate program is to provide students with the creative, critical, and problem-solving skills they need to become ethical, professional communicators and critical media consumers.

## Premajor Admission

New students planning to major in journalism enter the university as premajors and do not need to meet special admission requirements beyond the general university requirements.

Each premajor is assigned to a journalism and communication advisor who assists in planning programs, answering questions, and tracking progress toward admission as a major and toward graduation. Students should check with an advisor at least once a year to ensure that requirements are being met. In addition, students will be assigned a faculty advisor, who will guide them through industry-specific information

and the portfolio process. The director of student services for the school supervises undergraduate academic advising.

A university student in another major may switch to a journalism premajor online on the School of Journalism and Communication website. To become a premajor, a student must have a minimum cumulative grade point average (GPA) of 2.00 for all work at the University of Oregon.

## Premajor Program

Students must complete the school's premajor core curriculum, and earn grades of better than a C-:

| Code                 | Title                     | Credits  |
|----------------------|---------------------------|----------|
| J 100                | Media Professions         | 2        |
| J 101                | Grammar for Communicators | 2        |
| J 201                | Media and Society         | 4        |
| <b>Total Credits</b> |                           | <b>8</b> |

## Admission as a Major

Admission to the School of Journalism and Communication is competitive. The faculty considers applications from premajor students who have

- completed 24 or more graded credits of course work at the University of Oregon, earning a cumulative UO GPA of at least 2.90
- completed Composition I (WR 121Z) and Composition II (WR 122Z) or College Composition III (WR 123) with grades of P or C- or better. Students in the Clark Honors College are exempt from the College Composition requirement.
- completed the school's premajor core curriculum

A student's GPA is a major factor in the admissions decision. Students with a GPA of 3.25 or higher are guaranteed admission to the major.

Applicants with grade point averages between 2.90 and 3.24 are evaluated and judged competitively by an admissions committee as applications are received. The admissions committee considers the requirements listed above and other materials that applicants submit, including a personal statement, letters of recommendation, and a portfolio. Students with a GPA below 2.90 may petition the committee for admission. The committee has the option of waiving the GPA requirement if evidence of a candidate's high potential for success in the major is presented and approved.

## Transfer Students

Students transferring to the University of Oregon School of Journalism and Communication enter as premajors. They apply to the University of Oregon Office of Admissions and are accepted as premajors if they meet the university's general standards for admission. To be admitted to major status, transfer students must meet the school's requirements for admission as a major.

## Transfer Credit

The School of Journalism and Communication accepts journalism credits earned at other colleges and universities as follows:

1. Credits earned at schools of journalism accredited by the Accrediting Council on Education in Journalism and Mass Communications are accepted for journalism credit and may fulfill specific course requirements

2. Journalism credits may be accepted from unaccredited journalism programs, but they may not be used to meet specific course requirements. They do count toward the 76-credit limit set by national accrediting standards
3. Regardless of the number of credits transferred, students must take at least 27 credits of journalism in residence to earn a degree from the University of Oregon
4. Students may not take more than 76 credits in journalism courses out of the 180 total credits required for a bachelor's degree. They may, however, add credits to the 180-credit total to accommodate extra journalism credits (e.g., take 186 credits to accommodate as many as 82 credits in journalism)
5. The school accepts equivalent courses taught at other colleges to meet the Media and Society (J 201) requirement for application to be a major, and may accept equivalent courses to meet other core requirements if approved by the associate dean for undergraduate affairs

Transfer students who want to discuss the transfer policy may consult the associate dean, director of student services, or the advisors in the Student Services Center.

## Graduate

### Majors - Master's Degree

- Advertising and Brand Responsibility (MA) (p. 551)
- Communication and Media Studies (MA/MS) (p. 552)
- Immersive Media Communication (MS) (p. 553)
- Journalism (MA/MS) (p. 554)
- Multimedia Journalism (MA) (p. 555)
- Strategic Communication (MS) (p. 556)

### Major - Doctoral Degree

- Communication and Media Studies (PhD) (p. 553)

### Certificate

- Communication Ethics (p. 557)

The graduate programs at the University of Oregon School of Journalism and Communication guide students in learning about a wide range of ideas concerning the structures, functions, and roles of media and communication in society. Students in all programs study and work alongside some of the best faculty, researchers and creative professionals in the field.

## Journalism (BA/BS)

This is not your parents' journalism degree. We're one of the oldest journalism schools in the nation, but we're pioneering and teaching new and innovative approaches to the field—like solutions journalism, engaged journalism, data journalism, and more.

Our commitment to ethics define us as journalists. In our accredited program, you'll develop the skills to tell an ethical, accurate, and compelling story in any medium while exploring new communication forms. You'll learn about the roles of communication media in society, the history of journalism, research and writing for mass media,

visual communication techniques, and the ethical, legal, and social responsibilities of the media in modern society.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Understand the range of freedom of expression around the world and apply the principles and laws of freedom of speech to their profession/field.
- Demonstrate an understanding of how professionals and institutions shaped communications relevant to their profession/field.
- Demonstrate an understanding of diversity in domestic and global society and its impact as relevant to their profession/field.
- Demonstrate a conceptual understanding of the use and presentation of images and information and apply them to their profession/field.
- Understand and apply ethical principles appropriate to their profession/field.
- Think critically, creatively and independently.
- Conduct research and evaluate information by methods appropriate to their profession/field.
- Write correctly and clearly in forms and styles appropriate to their profession/field.
- Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
- Apply basic numerical and statistical concepts.
- Apply tools and technologies appropriate to their profession/field, including verbal and visual presentation as apt.

## Journalism Major Requirements

| Code                                     | Title                                    | Credits |
|------------------------------------------|------------------------------------------|---------|
| <b>Journalism Premajor Requirements*</b> |                                          |         |
| J 100                                    | Media Professions                        | 2       |
| J 101                                    | Grammar for Communicators                | 2       |
| J 201                                    | Media and Society                        | 4       |
| <b>Journalism Major Requirements</b>     |                                          |         |
| J 211                                    | Gateway to Media                         | 8       |
| J 212                                    | Writing for Communicators                | 4       |
| J 213                                    | Fact or Fiction                          | 4       |
| <b>Core Context Requirement</b>          |                                          |         |
| J 320                                    | Gender, Media, and Diversity             | 4       |
| J 385                                    | Communication Law                        | 4       |
| J 397                                    | Media Ethics                             | 4       |
| Select one of the following:             |                                          | 4       |
| J 387                                    | Media History                            |         |
| J 396                                    | International Communication              |         |
| Select one of the following:             |                                          | 4       |
| J 429                                    | Media Technologies and Society: [Topic]  |         |
| J 430                                    | Culture and Power in the Media: [Topic]  |         |
| J 431                                    | Media Structures and Regulation: [Topic] |         |
| J 495                                    | Research Methods: [Topic]                |         |
| <b>Journalism Major Requirements</b>     |                                          |         |
| J 361                                    | Reporting I                              | 4       |
| J 462                                    | Reporting II                             | 4       |
| J 463                                    | Specialized Reporting: [Topic]           | 4       |

Select two from either the writing or the visual concentration: 8

|                                             |                                   |
|---------------------------------------------|-----------------------------------|
| <b>Writing Concentration</b>                |                                   |
| J 371                                       | Feature Writing I                 |
| J 461                                       | Newspaper Editing                 |
| J 468                                       | Advanced News Editing             |
| J 472                                       |                                   |
| J 483                                       | The Journalistic Interview        |
| <b>Visual Concentration</b>                 |                                   |
| J 331                                       | Digital Video Production          |
| J 365                                       | Photojournalism                   |
| J 421                                       | Documentary Production            |
| J 432                                       | Reporting for Electronic Media    |
| J 434                                       | Advanced Television News          |
| J 436                                       | Media Design: [Topic]             |
| J 466                                       | Advanced Photojournalism: [Topic] |
| Four additional credits from the following: |                                   |
| J 404                                       | Internship: [Topic]               |
| J 406                                       | Practicum: [Topic]                |
| J 408                                       | Workshop: [Topic] <sup>1</sup>    |
| J 463                                       | Specialized Reporting: [Topic]    |
| J 469                                       | OR Magazine                       |
| J 475                                       | Flux Production                   |

And any additional concentration course not previously taken

Elective: At least four journalism credits are needed to reach the minimum 72 4

### General Studies Requirements 104

At least 104 non-journalism credits, including one of the following:

A non-SOJC minor

A non-SOJC concentration<sup>2</sup>

A non-SOJC double major

Minimum 2.9 cumulative UO GPA

**Total Credits 176**

<sup>1</sup> Only J408 workshops intended for journalism majors will be eligible. J408 workshops intended for media studies, advertising and public relations majors are not suitable for this section.

<sup>2</sup> A non-SOJC concentration is at least 24 credits from the same non-SOJC subject code. 12 must be upper division credits and 4 of those 12 must be a 400-level course. All courses must be taken graded and passed with a C- or better. Not all subjects are suitable for a concentration; consult an SOJC advisor.

## Additional Requirements

- Satisfactory completion of a minimum of 72 credits and a maximum of 76 credits in journalism, of which at least 27 must be taken at the University of Oregon School of Journalism and Communication and at least 40 must be upper-division
- Satisfactory completion of at least 104 credits in academic fields other than journalism. A student who graduates with 180 credits must count no more than 76 credits (including transfer credits) in journalism toward the degree. The 104 credits must include a minor or area of concentration outside of the School of Journalism and Communication



- Majors and premajors must take all school courses for letter grades unless a course is only offered pass/no pass (P/N). All graded journalism courses taken to satisfy the major must be passed with a grade of better than a C-.
- A cumulative GPA of 2.70 or better in courses taken in the School of Journalism and Communication at the time of graduation

## Internship

A major may earn no more than 9 credits in Internship: [Topic] (J 404).

## Honors Program

The honors program provides high-achieving students the opportunity to develop analytic, creative, critical thinking and research skills in small-group, discussion-oriented courses. The program develops a small multidisciplinary community of communications scholars from all the majors within the School of Journalism and Communication.

Students take three honors courses focusing on media theory, research, or issues, which partially fulfill the context course requirement. In addition, students complete an original piece of scholarship or creative work in the senior year.

The program targets journalism majors entering their junior year who have a minimum 3.50 cumulative UO GPA. Applications are accepted each spring for the following year's cohort. Clark Honors College students are eligible to apply. More information is available on the school's website.

## Second Bachelor's Degree

Students who already have a bachelor's degree and want to earn a second bachelor's degree in the School of Journalism and Communication may apply for premajor status through the university's Office of Admissions. Upon fulfilling the requirements for application for admission, they may apply for major status. Students must complete all of the school's requirements for graduation including the school's nonjournalism requirement and university requirements for the BA or BS. Credits, including transfer credits, earned for the first bachelor's degree may count toward meeting the requirements as long as they conform to the transfer-credit policy outlined previously.

## Four-Year Degree Plan

*Requirements for the School of Journalism and Communication are complex, and students are strongly encouraged to consult with an advisor in the school's Student Services Center to ensure accurate interpretation of requirements and timely degree completion. For more information on student services and academic requirements, visit the website (<http://journalism.uoregon.edu/students/undergrad/academic-requirements/>).*

## Journalism: Advertising (BA/BS)

Today's agencies and brands want strategists who take risks, think differently, and solve problems. They're seeking creatives who can generate ideas and work with others to make them happen. They need empathists who can guide their brands to be authentic, courageous, and committed to social good. Build those skills and the confidence to apply them in our accredited advertising program.

With our innovative creative strategist model as your guide, you'll follow your curiosity, embrace your creativity, cultivate strategy, and deliver campaigns that move people to action. You'll build core skills in design thinking, media planning, and brand management—and the portfolio to

prove it. You'll meet advertising's top minds through agency networking trips (<https://journalism.uoregon.edu/hands-on-learning/trips/>) and class visits with industry leaders. And you'll join a creative community that will challenge and support you every step of the way.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Understand the range of freedom of expression around the world and apply the principles and laws of freedom of speech to their profession/field.
- Demonstrate an understanding of how professionals and institutions shaped communications relevant to their profession/field.
- Demonstrate an understanding of diversity in domestic and global society and its impact as relevant to their profession/field.
- Demonstrate a conceptual understanding of the use and presentation of images and information and apply them to their profession/field.
- Understand and apply ethical principles appropriate to their profession/field.
- Think critically, creatively and independently.
- Conduct research and evaluate information by methods appropriate to their profession/field.
- Write correctly and clearly in forms and styles appropriate to their profession/field.
- Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
- Apply basic numerical and statistical concepts.
- Apply tools and technologies appropriate to their profession/field, including verbal and visual presentation as apt.

## Journalism: Advertising Major Requirements

| Code                                     | Title                                    | Credits |
|------------------------------------------|------------------------------------------|---------|
| <b>Journalism Premajor Requirements*</b> |                                          |         |
| J 100                                    | Media Professions                        | 2       |
| J 101                                    | Grammar for Communicators                | 2       |
| J 201                                    | Media and Society                        | 4       |
| <b>Full Major Core</b>                   |                                          |         |
| J 211                                    | Gateway to Media                         | 8       |
| J 212                                    | Writing for Communicators                | 4       |
| J 213                                    | Fact or Fiction                          | 4       |
| <b>Core Content Requirement</b>          |                                          |         |
| J 320                                    | Gender, Media, and Diversity             | 4       |
| J 385                                    | Communication Law                        | 4       |
| J 397                                    | Media Ethics                             | 4       |
| Select one of the following:             |                                          | 4       |
| J 387                                    | Media History                            |         |
| J 396                                    | International Communication              |         |
| Select one of the following:             |                                          | 4       |
| J 429                                    | Media Technologies and Society: [Topic]  |         |
| J 430                                    | Culture and Power in the Media: [Topic]  |         |
| J 431                                    | Media Structures and Regulation: [Topic] |         |
| J 494                                    | Strategic Communications Research        |         |
| J 495                                    | Research Methods: [Topic]                |         |
| <b>Advertising Major Requirements</b>    |                                          |         |
| J 342                                    | The Creative Strategist                  | 4       |



|                                                                                                                                            |            |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Select at least four from the following:                                                                                                   | 16         |
| J 443 Advertising Media Planning                                                                                                           |            |
| J 444 Agency Account Management                                                                                                            |            |
| J 457 Curiosity for Strategists                                                                                                            |            |
| J 458 Writing Design Concepts                                                                                                              |            |
| J 459 Branding and Content                                                                                                                 |            |
| J 460 Brand Development: [Topic]                                                                                                           |            |
| Select one of the following:                                                                                                               | 4          |
| J 448 Advertising Campaigns                                                                                                                |            |
| J 449 Advanced Advertising Campaigns                                                                                                       |            |
| Elective: At least four journalism credits are needed to reach the minimum 72                                                              | 4          |
| <b>General Studies Requirements</b>                                                                                                        |            |
| At least 104 non-journalism credits, including one of the following:                                                                       | 104        |
| A non-SOJC minor                                                                                                                           |            |
| A non-SOJC concentration <sup>1</sup>                                                                                                      |            |
| A non-SOJC double major                                                                                                                    |            |
| *Completion of UO's writing composition requirement (WR 121 and either WR 122 or WR 123). Students in the Clark Honors College are exempt. |            |
| Minimum 2.90 cumulative UO GPA                                                                                                             |            |
| <b>Total Credits</b>                                                                                                                       | <b>176</b> |

<sup>1</sup> A non-SOJC concentration is at least 24 credits from the same non-SOJC subject code. 12 must be upper division credits and 4 of those 12 must be a 400-level course. All courses must be taken graded and passed with a C- or better. Not all subjects are suitable for a concentration; consult an SOJC advisor.

## Additional Requirements

- Satisfactory completion of a minimum of 60 credits and a maximum of 76 credits in journalism, of which at least 27 must be taken at the University of Oregon School of Journalism and Communication and at least 40 must be upper division
- Satisfactory completion of at least 104 credits in academic fields other than journalism. A student who graduates with 180 credits must count no more than 76 credits (including transfer credits) in journalism toward the degree
- Majors and premajors must take all school courses for letter grades unless a course is only offered pass/no pass (P/N). All graded journalism courses taken to satisfy the major must be passed with a grade of mid-C or better
- A cumulative GPA of 2.70 or better in courses taken in the School of Journalism and Communication at the time of graduation

## Four-Year Degree Plan

*Requirements for the School of Journalism and Communication are complex, and students are strongly encouraged to consult with an advisor in the school's Student Services Center to ensure accurate interpretation of requirements and timely degree completion. For more information on student services and academic requirements, visit the website (<http://journalism.uoregon.edu/students/undergrad/academic-requirements/>).*

## Journalism: Media Studies (BA/BS)

With a degree in media studies, you don't just learn how to create media. You ask why it matters. You examine its history, research its forms, and explore its effect on some of the most pressing issues of our time, from free speech to issues of gender, diversity, and politics. At the SOJC, you'll unpack the latest research with guidance from some of the field's leading minds and develop the skills employers need.

The undergraduate media studies major has as its goal to produce students who display purposeful, reflective judgment concerning what to believe or what to do, especially as relates to the media and to communication as a whole. The media studies faculty has delineated 11 core competencies, similar to those of ACEJMC, but has recast them to reflect the sequence goal.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Understand the range of freedom of expression around the world and apply the principles and laws of freedom of speech to their profession/field.
- Demonstrate an understanding of how professionals and institutions shaped communications relevant to their profession/field.
- Demonstrate an understanding of diversity in domestic and global society and its impact as relevant to their profession/field.
- Demonstrate a conceptual understanding of the use and presentation of images and information and apply them to their profession/field.
- Understand and apply ethical principles appropriate to their profession/field.
- Think critically, creatively and independently.
- Conduct research and evaluate information by methods appropriate to their profession/field.
- Write correctly and clearly in forms and styles appropriate to their profession/field.
- Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
- Apply basic numerical and statistical concepts.
- Apply tools and technologies appropriate to their profession/field, including verbal and visual presentation as apt.

## Journalism: Media Studies Major Requirements

| Code                                                 | Title                         | Credits |
|------------------------------------------------------|-------------------------------|---------|
| <b>Journalism Premajor Requirements <sup>1</sup></b> |                               |         |
| J 100                                                | Media Professions             | 2       |
| J 101                                                | Grammar for Communicators     | 2       |
| J 201                                                | Media and Society             | 4       |
| <b>Journalism: Media Studies Major Requirements</b>  |                               |         |
| J 211                                                | Gateway to Media              | 8       |
| J 212                                                | Writing for Communicators     | 4       |
| J 213                                                | Fact or Fiction               | 4       |
| <b>Media Studies Foundations <sup>2</sup></b>        |                               |         |
| J 250                                                | Media Studies Production      | 2       |
| J 314                                                | Introduction to Media Studies | 4       |

|                                                   |                                             |            |
|---------------------------------------------------|---------------------------------------------|------------|
| J 413                                             | Communication Studies Capstone <sup>2</sup> | 4          |
| J 415                                             | Media Studies Research Methods              | 4          |
| <b>SOJC Major Foundations/Context</b>             |                                             |            |
| J 320                                             | Gender, Media, and Diversity                | 4          |
| J 385                                             | Communication Law                           | 4          |
| J 387                                             | Media History                               | 4          |
| J 396                                             | International Communication                 | 4          |
| J 397                                             | Media Ethics                                | 4          |
| <b>Media Studies Specializations <sup>3</sup></b> |                                             | <b>16</b>  |
| <b>General Studies Requirements <sup>4</sup></b>  |                                             | <b>104</b> |
| A non-SOJC minor                                  |                                             |            |
| A non-SOJC concentration <sup>5</sup>             |                                             |            |
| A non-SOJC double major                           |                                             |            |
| <b>Total Credits</b>                              |                                             | <b>178</b> |

<sup>1</sup> Completion of UO's writing composition requirement (WR 121 and either WR 122 or WR 123). Students in the Clark Honors College are exempt. Minimum 2.90 cumulative UO GPA

<sup>2</sup> Students must take this course the Spring term of their senior year. Please contact your advisor for more details.

<sup>3</sup> Students choose one of the following four specializations listed below.

<sup>4</sup> Students must complete at least 104 nonjournalism credits.

<sup>5</sup> A non-SOJC concentration is at least 24 credits from the same non-SOJC subject code. 12 must be upper division credits and 4 of those 12 must be a 400-level course. All courses must be taken graded and passed with a C- or better. Not all subjects are suitable for a concentration; consult an SOJC advisor.

| Code                                | Title                                               | Credits   |
|-------------------------------------|-----------------------------------------------------|-----------|
| <b>Media Technology and Society</b> |                                                     |           |
| J 429                               | Media Technologies and Society: [Topic]             | 4         |
| J 429                               | Media Technologies and Society: [Topic]             | 4         |
| J 429                               | Media Technologies and Society: [Topic]             | 4         |
| J 430                               | Culture and Power in the Media: [Topic]             | 4         |
| or J 431                            | Media Structures and Regulation: [Topic]            |           |
| or J 477                            | Topics in Science of Science Communication: [Topic] |           |
| <b>Total Credits</b>                |                                                     | <b>16</b> |

| Code                             | Title                                               | Credits   |
|----------------------------------|-----------------------------------------------------|-----------|
| <b>Media, Culture, and Power</b> |                                                     |           |
| J 430                            | Culture and Power in the Media: [Topic]             | 4         |
| J 430                            | Culture and Power in the Media: [Topic]             | 4         |
| J 430                            | Culture and Power in the Media: [Topic]             | 4         |
| J 429                            | Media Technologies and Society: [Topic]             | 4         |
| or J 431                         | Media Structures and Regulation: [Topic]            |           |
| or J 477                         | Topics in Science of Science Communication: [Topic] |           |
| <b>Total Credits</b>             |                                                     | <b>16</b> |

| Code                                   | Title                                    | Credits |
|----------------------------------------|------------------------------------------|---------|
| <b>Media Structures and Regulation</b> |                                          |         |
| J 431                                  | Media Structures and Regulation: [Topic] | 4       |
| J 431                                  | Media Structures and Regulation: [Topic] | 4       |
| J 431                                  | Media Structures and Regulation: [Topic] | 4       |
| J 429                                  | Media Technologies and Society: [Topic]  | 4       |

|                      |                                                     |           |
|----------------------|-----------------------------------------------------|-----------|
| or J 430             | Culture and Power in the Media: [Topic]             |           |
| or J 477             | Topics in Science of Science Communication: [Topic] |           |
| <b>Total Credits</b> |                                                     | <b>16</b> |

| Code                                    | Title                                  | Credits   |
|-----------------------------------------|----------------------------------------|-----------|
| <b>Documentary Study and Production</b> |                                        |           |
| J 208                                   | Introduction to Documentary Production | 4         |
| J 331                                   | Digital Video Production               | 4         |
| J 416                                   | Survey of the Documentary              | 4         |
| J 421                                   | Documentary Production                 | 4         |
| <b>Total Credits</b>                    |                                        | <b>16</b> |

## Four-Year Degree Plan

*Requirements for the School of Journalism and Communication are complex, and students are strongly encouraged to consult with an advisor in the school's Student Services Center to ensure accurate interpretation of requirements and timely degree completion. For more information on student services and academic requirements, visit the website (<http://journalism.uoregon.edu/students/undergrad/academic-requirements/>).*

## Journalism: Public Relations (BA/BS)

Public relations is all about connecting people—to information, to organizations, and to other people. In our nationally certified program, you'll learn how to convey the right message to the right audience at the right time while forging relationships built on ethics, trust, and transparency.

Our students plan, create, and strategize in real-world settings. You'll build your portfolio as you develop innovative campaigns for real clients in our student-run public relations firm (<https://blogs.uoregon.edu/allenhallpr/>), or expand your network in the Public Relations Student Society of America (<https://prssa.prsa.org/>). Travel the country (<https://around.uoregon.edu/sojc/public-information-officer/>) to rub elbows with public relations professionals, tour Silicon Valley agencies, and peek behind the scenes of high-profile communication departments at companies like Twitter and Google.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Understand the range of freedom of expression around the world and apply the principles and laws of freedom of speech to their profession/field.
- Demonstrate an understanding of how professionals and institutions shaped communications relevant to their profession/field.
- Demonstrate an understanding of diversity in domestic and global society and its impact as relevant to their profession/field.
- Demonstrate a conceptual understanding of the use and presentation of images and information and apply them to their profession/field.
- Understand and apply ethical principles appropriate to their profession/field.
- Think critically, creatively and independently.
- Conduct research and evaluate information by methods appropriate to their profession/field.

- Write correctly and clearly in forms and styles appropriate to their profession/field.
- Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
- Apply basic numerical and statistical concepts.
- Apply tools and technologies appropriate to their profession/field, including verbal and visual presentation as apt.

## Journalism: Public Relations Major Requirements

| Code                                                                                                                                       | Title                                    | Credits    |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------|
| <b>Premajor Requirements*</b>                                                                                                              |                                          |            |
| J 100                                                                                                                                      | Media Professions                        | 2          |
| J 101                                                                                                                                      | Grammar for Communicators                | 2          |
| J 201                                                                                                                                      | Media and Society                        | 4          |
| <b>Full Major Core</b>                                                                                                                     |                                          |            |
| J 211                                                                                                                                      | Gateway to Media                         | 8          |
| J 212                                                                                                                                      | Writing for Communicators                | 4          |
| J 213                                                                                                                                      | Fact or Fiction                          | 4          |
| <b>Core Context Requirement</b>                                                                                                            |                                          |            |
| J 320                                                                                                                                      | Gender, Media, and Diversity             | 4          |
| J 385                                                                                                                                      | Communication Law                        | 4          |
| J 397                                                                                                                                      | Media Ethics                             | 4          |
| J 494                                                                                                                                      | Strategic Communications Research        | 4          |
| Select one of the following:                                                                                                               |                                          | 4          |
| J 387                                                                                                                                      | Media History                            |            |
| J 396                                                                                                                                      | International Communication              |            |
| <b>Public Relations Major Requirements</b>                                                                                                 |                                          |            |
| J 350                                                                                                                                      | Principles of Public Relations           | 4          |
| J 352                                                                                                                                      | Strategic Writing and Media Relations    | 4          |
| J 452                                                                                                                                      | Strategic Public Relations Communication | 4          |
| J 453                                                                                                                                      | Strategic Planning and Cases             | 4          |
| J 454                                                                                                                                      | Public Relations Campaigns               | 4          |
| J 480                                                                                                                                      | Public Relations: [Topic]                | 4          |
| Elective: At least four journalism credits are needed to reach the minimum 72                                                              |                                          | 4          |
| <b>General Studies Requirements</b>                                                                                                        |                                          |            |
| At least 104 non-journalism credits, including one of the following:                                                                       |                                          | 104        |
| A non-SOJC minor                                                                                                                           |                                          |            |
| A non-SOJC concentration <sup>1</sup>                                                                                                      |                                          |            |
| A non-SOJC double major                                                                                                                    |                                          |            |
| *Completion of UO's writing composition requirement (WR 121 and either WR 122 or WR 123). Students in the Clark Honors College are exempt. |                                          |            |
| Minimum 2.90 cumulative UO GPA                                                                                                             |                                          |            |
| <b>Total Credits</b>                                                                                                                       |                                          | <b>176</b> |

<sup>1</sup> A non-SOJC concentration is at least 24 credits from the same non-SOJC subject code. 12 must be upper division credits and 4 of those 12 must be a 400-level course. All courses must be taken graded and passed with a C- or better. Not all subjects are suitable for a concentration; consult an SOJC advisor.

## Additional Requirements

- Satisfactory completion of a minimum of 72 credits and a maximum of 76 credits in journalism, of which at least 27 must be taken at the University of Oregon School of Journalism and Communication and at least 40 must be upper-division
- Satisfactory completion of at least 104 credits in academic fields other than journalism. A student who graduates with 180 credits must count no more than 76 credits (including transfer credits) in journalism toward the degree. The 104 credits must include a minor or area of concentration outside of the School of Journalism and Communication
- Majors and premajors must take all school courses for letter grades unless a course is only offered pass/no pass (P/N). All graded journalism courses taken to satisfy the major must be passed with a grade of better than a C-.
- A cumulative GPA of 2.70 or better in courses taken in the School of Journalism and Communication at the time of graduation

## Internship

A major may earn no more than 9 credits in Internship: [Topic] (J 404).

## Honors Program

The honors program provides high-achieving students the opportunity to develop analytic, creative, critical thinking and research skills in small-group, discussion-oriented courses. The program develops a small multidisciplinary community of communications scholars from all the majors within the School of Journalism and Communication.

Students take three honors courses focusing on media theory, research, or issues, which partially fulfill the context course requirement. In addition, students complete an original piece of scholarship or creative work in the senior year.

The program targets journalism majors entering their junior year who have a minimum 3.50 cumulative UO GPA. Applications are accepted each spring for the following year's cohort. Clark Honors College students are eligible to apply. More information is available on the school's website.

## Second Bachelor's Degree

Students who already have a bachelor's degree and want to earn a second bachelor's degree in the School of Journalism and Communication may apply for premajor status through the university's Office of Admissions. Upon fulfilling the requirements for application for admission, they may apply for major status. Students must complete all of the school's requirements for graduation including the school's nonjournalism requirement and university requirements for the BA or BS. Credits, including transfer credits, earned for the first bachelor's degree may count toward meeting the requirements as long as they conform to the transfer-credit policy outlined previously.

## Four-Year Degree Plan

*Requirements for the School of Journalism and Communication are complex, and students are strongly encouraged to consult with an advisor in the school's Student Services Center to ensure accurate interpretation of requirements and timely degree completion. For more information on student services and academic requirements, visit the website (<http://journalism.uoregon.edu/students/undergrad/academic-requirements/>).*

## Media Studies Minor

Nearly any student would benefit from a media studies degree. Our program is flexible so you can weave it into your education in a way that works for you. We offer a media studies minor for UO students outside the SOJC.

### Media Studies Minor Requirements

The minor in media studies gives students an overview of the role of the media in society.

Students with a major in the School of Journalism and Communication cannot also earn a minor in media studies.

Students who want to minor in media studies should declare the minor online, on the school's website. Students may submit petitions to apply other journalism courses to the minor. A minimum University of Oregon GPA of 2.00 is required to declare the minor.

| Code                          | Title                                    | Credits   |
|-------------------------------|------------------------------------------|-----------|
| J 201                         | Media and Society                        | 4         |
| J 314                         | Introduction to Media Studies            | 4         |
| Select four of the following: |                                          | 16        |
| J 320                         | Gender, Media, and Diversity             |           |
| J 385                         | Communication Law                        |           |
| J 387                         | Media History                            |           |
| J 397                         | Media Ethics                             |           |
| J 429                         | Media Technologies and Society: [Topic]  |           |
| J 430                         | Culture and Power in the Media: [Topic]  |           |
| J 431                         | Media Structures and Regulation: [Topic] |           |
| J 496                         | <sup>1</sup>                             |           |
| <b>Total Credits</b>          |                                          | <b>24</b> |

<sup>1</sup> Repeatable once when the topic changes.

All courses must be passed with a grade of mid-C or better.

## Science Communication Minor

Specialize in science communication! Sign up for our new undergraduate minor in science communication, open to students majoring in disciplines across the UO. This new program builds on more than a decade of undergraduate and graduate experiential courses in science and environmental communication.

/programadmin/464/index.html

### Science Communication Minor Requirements

The minor requires 24 graded credits from approved courses, of which a minimum of 12 must be in upper-division courses.

Of the three required courses for the minor, all are upper-division courses. Two of these upper division courses are Topics courses that focus on research in the science of science communication and science storytelling. Students who wish to focus more on the research side of science communication can take multiple offerings of that Topic. Students who wish to focus more on the production and story development side can take multiple offerings of the science storytelling Topic.

| Code                                                                                                                                                                                            | Title                                                                                                                                                                                         | Credits   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Required courses (12 credits/3 courses):</b>                                                                                                                                                 |                                                                                                                                                                                               | <b>12</b> |
| Any two area-satisfying courses used to fulfill UO's Science (>3 or >4) core education requirement. Must be graded and passed with a C or better; recommend completing this before taking J377. |                                                                                                                                                                                               |           |
| J 377                                                                                                                                                                                           | Science of Science Communication (Only offered in Fall term)                                                                                                                                  |           |
| <b>Elective Courses from the following (12 credits/3 courses):</b>                                                                                                                              |                                                                                                                                                                                               | <b>12</b> |
| J 477                                                                                                                                                                                           | Topics in Science of Science Communication: [Topic]                                                                                                                                           |           |
| J 478                                                                                                                                                                                           | Producing the Science Story: [Topic] (Course titles offered within each "topic" will vary. These courses numbers are repeatable when topics have different titles; for a total of 16 credits) |           |
| You are not required to have one from each course number.                                                                                                                                       |                                                                                                                                                                                               |           |
| One of the three courses can be a pre-approved 300-/400-level course from another UO science subject. We recommend taking J377 before J477 or J478.                                             |                                                                                                                                                                                               |           |
| <b>Pre-approved Substitutions: the course/credits below may be used toward the elective section of this minor:</b>                                                                              |                                                                                                                                                                                               |           |
| J 480                                                                                                                                                                                           | Public Relations: [Topic]                                                                                                                                                                     |           |
| J 408                                                                                                                                                                                           | Workshop: [Topic] (Science & Memory Fellows Program)                                                                                                                                          |           |
| <b>Total Credits</b>                                                                                                                                                                            |                                                                                                                                                                                               | <b>24</b> |

## Advertising and Brand Responsibility (MA)

### Christopher Chávez

Carolyn Silva Chambers Distinguished Professor of Advertising  
Interim Director, Advertising and Brand Responsibility Program; Director, Center for Latina/o and Latin American Studies  
Email: cchavez4@uoregon.edu  
Phone: 541-346-9141  
Office: 207 Allen Hall

Based at our Eugene campus, this one-year, full-time master's program in Advertising and Brand Responsibility operates on the idea that successful brands in the twenty-first century must be authentic and committed to the common good and the benefit of society. Diverse brands such as Nike, Patagonia, Cheerios, and Yoplait have successfully addressed social issues while building brand equity by recognizing the power of persuasive communication in making the world a better place.

Coursework examines the theory and practice of persuasive communication and brand responsibility; students participate in a three-term seminar that trains students in best practices in planning, brand management, and creative marketing. The course of study concludes with a professional project in which students develop a campaign, a research paper, or some other effort on brand responsibility under the guidance of an advisor. Students must earn at least 46 graduate credits.

### Admission Process

Please visit the program's website (<https://journalism.uoregon.edu/academics/graduate-programs/advertising-and-brand-responsibility/>).

## Master's Degree in Advertising and Brand Responsibility

This Eugene-based program leads to a master of arts or master of science degree in advertising and brand responsibility. This one-year, full-time program operates on the idea that successful brands in the 21st century must be authentic and committed to the common good and the benefit of society. Diverse brands such as Nike, Patagonia, Cheerios, and Yoplait have successfully addressed social issues while building brand equity by recognizing the power of persuasive communication in making the world a better place.

Course work examines the theory and practice of persuasive communication and brand responsibility; students participate in a three-term seminar that trains students in best practices in planning, brand management, and creative marketing. The course of study concludes with a professional project in which students develop a campaign, a research paper, or some other effort on brand responsibility under the guidance of an advisor.

Applicants should have an interest in the field and some background, either professional or academic, in advertising, public relations, marketing, or strategic communication.

Candidates for this degree must earn at least 46 credits with a cumulative GPA of 3.00 or better. Courses that do not carry graduate credit are not included in the GPA.

See the School of Journalism and Communication website for more detailed and up-to-date information about application requirements, the curriculum, and final project options.

### Master's Degree Requirements

| Code                                                          | Title                                                | Credits   |
|---------------------------------------------------------------|------------------------------------------------------|-----------|
| J 557                                                         | Curiosity for Strategists                            | 4         |
| J 560                                                         | Brand Development: [Topic] (Advertising and Culture) | 4         |
| J 594                                                         | Strategic Communications Research                    | 4         |
| J 607                                                         | Seminar: [Topic] (Brand Responsibility) <sup>1</sup> | 12        |
| J 609                                                         | Terminal Project                                     | 6         |
| J 611                                                         | Mass Communication and Society                       | 4         |
| Electives chosen in consultation with an advisor <sup>2</sup> |                                                      | 12        |
| <b>Total Credits</b>                                          |                                                      | <b>46</b> |

<sup>1</sup> Yearlong course.

<sup>2</sup> Electives include courses in green brand strategy, writing design concepts, quantitative and qualitative methods, "ideasmithing," interactive media, and courses taught as part of the strategic communication master's program such as Introduction to Strategic Communication Marketing (J 616), Strategic Communication Management (J 618), or Strategic Communication: [Topic] (J 624).

## Communication and Media Studies (MA/MS)

**Julianne Newton**

Professor

Director, Communication and Media Studies M.A. and Ph.D. Program

Email: [jhnewton@uoregon.edu](mailto:jhnewton@uoregon.edu)

Phone: 541-346-2167

Office: 206 Allen Hall

The Eugene-based master's program in Communication and Media Studies is aligned with our doctoral program in exposing students to a wide range of ideas concerning the structure, function and role of media in society. Areas of overlapping faculty and program strength that students may study include: media institutions; science, health, and environmental communication; technology and society; game studies; global media; critical/cultural approaches to communication; persuasion and media psychology; media and public life; media ethics and law; journalism studies; and visual communication.

Students in the master's program in Communication and Media Studies must earn at least 46 graduate credits.

Goals for individual students vary. Some seek preparation for doctoral work; others pursue careers as leaders and innovators who actively contribute to improving the quality of media and communications.

### Admission Process

Please visit the program's website (<https://journalism.uoregon.edu/academics/graduate-programs/media-studies-masters/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire an understanding of key theories that define the field of media studies.
- Gain a working understanding of empirical methods.
- Design and present an empirical study that brings in new knowledge in the field of Media Studies.
- Demonstrate a proficiency in an outside area.

### Communication and Media Studies (MA/MS) Requirements

| Code                                                                                               | Title                                       | Credits |
|----------------------------------------------------------------------------------------------------|---------------------------------------------|---------|
| J 611                                                                                              | Mass Communication and Society <sup>1</sup> | 4       |
| J 612                                                                                              | Media Theory I                              | 5       |
| J 613                                                                                              | Media Theory II                             | 5       |
| Select one of the following:                                                                       |                                             | 8       |
| Option 1                                                                                           |                                             |         |
| J 641                                                                                              | Qualitative Research Methods                |         |
| or J 642                                                                                           | Quantitative Research Methods               |         |
| Methodology course (inside or outside the School of Journalism and Communication)                  |                                             |         |
| Option 2                                                                                           |                                             |         |
| J 641                                                                                              | Qualitative Research Methods                |         |
| J 642                                                                                              | Quantitative Research Methods               |         |
| Additional 600-level conceptual courses in the School of Journalism and Communication <sup>2</sup> |                                             | 4-12    |
| Graduate courses outside the School of Journalism and Communication <sup>3</sup>                   |                                             | 8-16    |
| J 503                                                                                              | Thesis <sup>4</sup>                         | 6-9     |
| or J 609                                                                                           | Terminal Project                            |         |

<sup>1</sup> Taken in the first year of graduate study.

<sup>2</sup> Subject to approval by the school's graduate affairs committee.



- <sup>3</sup> The courses chosen must be part of a consistent, related, educationally enhancing plan that has been approved by the student's advisor prior to enrollment.
- <sup>4</sup> Approved and supervised by a faculty committee. A written proposal, approved by the advisor and committee, is required before work is begun on either a thesis or project. A student should register for Thesis (J 503) or Terminal Project (J 609) during the terms in which the research and writing occurs.

## Communication and Media Studies (PhD)

### Julianne Newton

Professor, Director, Communication and Media Studies Master's and Ph.D. Program  
 Email: [jhnewton@uoregon.edu](mailto:jhnewton@uoregon.edu)  
 Phone: 541-346-2167  
 Office: 206 Allen Hall

The doctoral program in Communication and Media Studies provides a foundation in theory and methods for research in the field of communication and media studies. Students acquire an overview of theoretical and methodological approaches to studying the gathering, expression and dissemination of ideas, images and information in society. Each student also develops both an inside and outside area of specialization. Each student's program is monitored to facilitate preparation for comprehensive exams and dissertation research, and students work closely with advisors and other faculty in small seminar settings and via independent study.

Our internationally recognized faculty offer students the opportunity to study with leading experts in a range of overlapping specialties, including: media institutions; science, health, and environmental communication; technology and society; game studies; global media; critical/cultural approaches to communication; persuasion and media psychology; media and public life; media ethics and law; journalism studies; and visual communication.

### Admission Process

Please visit the program's website (<https://journalism.uoregon.edu/academics/graduate-programs/media-studies-phd/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire an understanding of key theories that define the field of media studies.
- Gain a working understanding of empirical methods.
- Demonstrate a proficiency in one outside area and one outside.
- Develop and present an empirical research project.
- Communicate their findings in the form of a dissertation.

### Communication and Media Studies Major Requirements

Candidates for the PhD degree in communication and media studies take a minimum of 81 graduate-level credits of course work beyond the master's degree. The program concludes with a dissertation.

Note: Please review the SOJC graduate student handbook for updated program requirements, which do not yet appear in the catalog: <https://sojcstudent.uoregon.edu/graduate/student-handbook/>

| Code                                                                                                            | Title                                           | Credits   |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------|
| J 612                                                                                                           | Media Theory I                                  | 5         |
| J 613                                                                                                           | Media Theory II                                 | 5         |
| J 619                                                                                                           | Teaching and the Professional Life <sup>5</sup> | 4         |
| J 641                                                                                                           | Qualitative Research Methods <sup>1</sup>       | 4         |
| J 642                                                                                                           | Quantitative Research Methods <sup>1</sup>      | 4         |
| J 643                                                                                                           | Advanced Doctoral Seminar <sup>1</sup>          | 5         |
| Courses in outside field <sup>2</sup>                                                                           |                                                 | 18        |
| Two additional methods courses <sup>3</sup>                                                                     |                                                 | 8         |
| At least three 600-level courses (611 and above) within the School of Journalism and Communication <sup>4</sup> |                                                 | 12        |
| J 603                                                                                                           | Dissertation <sup>6</sup>                       | 18        |
| <b>Total Credits</b>                                                                                            |                                                 | <b>83</b> |

- <sup>1</sup> Completed within the first three terms of study.
- <sup>2</sup> In close consultation with an academic advisor and the school's graduate studies director, each student designs an integrated outside-field component for his or her program. Because the program stresses the interconnection of communication with other disciplines, the outside field may involve more than one outside department.
- <sup>3</sup> Taken within or outside the school.
- <sup>4</sup> Subject to approval by the school's graduate affairs committee. J 601–610 do not count toward this requirement. In some cases, appropriate courses from outside the journalism school may count toward this requirement.
- <sup>5</sup> Appropriate teaching experiences are arranged following completion of the course.
- <sup>6</sup> A professionally central experience in the design, conduct, and dissemination of original research. It is written after the student's proposed dissertation topic is approved.

### Additional Requirements

- After coursework is complete, the student, the graduate studies director, and the student's comprehensive examination committee schedule an examination that requires a synthesis of what the student has learned.
- After passing the comprehensive examination, the student writes a dissertation proposal. The proposal must be approved in writing at a meeting of the dissertation committee, usually within one term of the comprehensive exam. The committee must approve the proposal before the student may advance to candidacy and enroll in dissertation credits.

## Immersive Media Communication (MS)

### Donna Davis

Associate Professor  
 Director, Strategic Communication Master's Program & Oregon Reality (OR) Lab  
 Email: [dzdavis@uoregon.edu](mailto:dzdavis@uoregon.edu)  
 Phone: 503-412-3658  
 Office: SOJC Portland

In this fully online master’s program in Immersive Media Communication, students will learn how to design and critically analyze strategies that use emerging technologies to influence key audiences. Along the way, students will work with highly skilled faculty and become part of a tight-knit cohort of professionals who are passionate about using immersive media as effective and ethical communication tools.

Our program prepares students for the communication trends of the future by teaching students how to create immersive and experiential marketing strategy, including user experience and design, the psychology of immersive media, and how to plan content creation, including the building process and production pipelines, for AR, VR, and XR platforms.

This 46-credit-hour program is designed to be completed in one year, but the pace can flex to meet students’ needs. All students will receive a tech package (included in tuition) so they can complete coursework at home, or they can use our state-of-the-art immersive media gear in the Oregon Reality Lab based at SOJC Portland.

Admission Process

Please visit the program’s website (<https://journalism.uoregon.edu/academics/graduate-programs/immersive-media/>).

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of immersive media with a particular focus on immersive VR, AR, and XR experiences.
- Clearly define key attributes of augmented (AR), virtual (VR), and cross reality (XR) important to communication and its potential use.
- Consider appropriate and measurable communication outcomes for targeted publics using AR/VR/XR/VWs.
- Demonstrate creativity in approaching communications solutions using immersive technologies.
- Articulate ethical, best practices in AR/VR/XR and VWs.

Immersive Media Communication Major Requirements

| Code                    | Title                                                               | Credits |
|-------------------------|---------------------------------------------------------------------|---------|
| Core Courses            |                                                                     |         |
| J 594                   | Strategic Communications Research                                   | 4       |
| J 609                   | Terminal Project                                                    | 6       |
| or J 604                | Internship: [Topic]                                                 |         |
| J 611                   | Mass Communication and Society                                      | 4       |
| J 629                   | Media and Communication Ethics: [Topic]                             | 4       |
| Immersive Media Courses |                                                                     |         |
| J 617                   | Strategic Communication Theory and Research: [Topic]                | 4       |
| J 664                   | Foundations in Immersive Media (Foundations in Immersive Media)     | 4       |
| J 665                   | Immersive Media Psychology (Media Psychology)                       | 4       |
| J 667                   | (User Experience)                                                   | 4       |
| J 668                   | (Experiential Marketing)                                            | 4       |
| J 669                   | Creating for Immersive Platforms (Creating for Immersive Platforms) | 4       |
| Elective Courses        |                                                                     | 4       |

|               |                                  |
|---------------|----------------------------------|
| J 624         | Strategic Communication: [Topic] |
| Total Credits | 46                               |

Journalism (MA/MS)

Ed Madison

Associate Professor, Interim Director, Journalism Master’s Program  
Email: [madison2@uoregon.edu](mailto:madison2@uoregon.edu)  
Phone: 541-346-9140  
Office: 324 Allen Hall

In our full-time, one-year Journalism master’s program in Eugene, students master the fundamentals of journalism, including story research and development, investigative journalism, fact-finding, writing, broadcasting, and multimedia production. The program is designed for students with little or no academic or professional media background who want to acquire professional skills within an intellectual context.

The 46-credit program begins with a summer of background and preparatory work and is followed by three quarters of coursework, the final quarter of which is devoted to the creation of a professional project or completing an internship. This program is offered on our main campus in Eugene.

Admission Process

Please visit the program’s website (<https://journalism.uoregon.edu/academics/graduate-programs/journalism/>).

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Understand and analyze journalism’s role in society.
- Apply research and reporting skills to produce journalistic stories.
- Use multimedia skills to produce journalistic stories across platforms.
- Understand and analyze the economics and delivery of contemporary news and media.
- Identify news story structures and demonstrate an ability to write clearly.
- Demonstrate an ability to produce and showcase professional, quality work.

The Eugene-based Journalism master’s program is geared toward students of all backgrounds. It serves students who’ve worked professionally and are looking to expand their skills as well as students who are new to the field. No previous journalistic experience is required for admission.

Note: Please review the SOJC graduate student handbook for updated program requirements, which do not yet appear in the catalog: <https://sojcstudent.uoregon.edu/graduate/student-handbook/>

Journalism Requirements

| Code  | Title                                                                 | Credits |
|-------|-----------------------------------------------------------------------|---------|
| J 508 | Workshop: [Topic] (Reporting and Information Strategies) <sup>1</sup> | 4       |
| J 508 | Workshop: [Topic] (Visual Studies in Journalism)                      | 4       |
| J 561 | Newspaper Editing <sup>2</sup>                                        | 4       |
| J 611 | Mass Communication and Society                                        | 4       |

|                                        |                                                             |              |
|----------------------------------------|-------------------------------------------------------------|--------------|
| J 562                                  | Reporting II                                                | 4            |
| J 563                                  | Specialized Reporting: [Topic] (Story Development)          | 4            |
| J 563                                  | Specialized Reporting: [Topic] (Advanced Story Development) | 4            |
| Elective graduate courses <sup>3</sup> |                                                             | 12-24        |
| J 604                                  | Internship: [Topic]                                         | 4-6          |
| or J 609                               | Terminal Project                                            |              |
| J 589                                  | Media Entrepreneurship                                      | 4            |
| <b>Total Credits</b>                   |                                                             | <b>48-62</b> |

<sup>1</sup> A master of arts degree requires second-year foreign language proficiency. See the Division of Graduate Studies website for details.

<sup>2</sup> Preparatory courses, taken only during summer session.

<sup>3</sup> Courses must be approved by advisor and may include courses outside the School of Journalism and Communication.

## Multimedia Journalism (MA)

### Wes Pope

Associate Professor, Director, Multimedia Journalism Master's Program

Email: [wpope@uoregon.edu](mailto:wpope@uoregon.edu)

Phone: 503-412-3759

Office: SOJC Portland

The Portland-based master's degree in Multimedia Journalism blends the best of journalism's past with the promise of its future. In today's fluid media landscape, successful journalists must be able to report and tell compelling non-fiction stories across multiple platforms while employing the ethics and integrity that have distinguished the industry. Students in the MMJ program learn how to tell stories that matter in video and other media to make a difference in their communities.

Our program focuses on journalistic storytelling in video, audio, photography, data visualization, and virtual reality. Classes typically meet weeknights and weekend days. The 48-credit program can be completed in five terms, but students have the option to negotiate a slower pace.

Note: Current SOJC Journalism undergraduates can apply for the accelerated MA in Multimedia Journalism. Students should work with the MMJ program director to meet course requirements.

### Admission Process

Please visit the program's website (<https://journalism.uoregon.edu/academics/graduate-programs/multimedia-journalism/>).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire the expertise in multimedia storytelling skills to understand fundamental approaches to narrative storytelling in order to create dynamic, engaging multimedia productions.
- Understand and apply the concepts and techniques of engaged journalism to address public interests and concerns.
- Demonstrate an understanding of contemporary journalism ethical standards, including issues of equity and inclusion, fairness, balance, accuracy, and transparency across the media landscape.

- Critically assess the state of the journalism industry. Evaluate content delivery methods across media platforms.
- Create professional portfolio-caliber work.

Note: Please review the SOJC graduate student handbook for updated program requirements, which do not yet appear in the catalog: <https://sojcstudent.uoregon.edu/graduate/student-handbook/>

## Master's Degree in Multimedia Journalism

| Code                                              | Title                                 | Credits   |
|---------------------------------------------------|---------------------------------------|-----------|
| J 596                                             | Communication Ethics and Law: [Topic] | 4         |
| J 611                                             | Mass Communication and Society        | 4         |
| J 638                                             |                                       | 4         |
| J 608                                             | Workshop: [Topic] <sup>1</sup>        | 2         |
| J 609                                             | Terminal Project                      | 6         |
| Other courses chosen in consultation with advisor |                                       | 20        |
| Electives <sup>2</sup>                            |                                       | 8         |
| <b>Total Credits</b>                              |                                       | <b>48</b> |

<sup>1</sup> Students must complete at least one professional development workshop. We encourage students to take additional workshops for a more enriching experience. Workshops vary from term to term and may include topics such as Visualizing Information; Audio Storytelling; Story in Stills; and Innovation, Science, and Story.

<sup>2</sup> Students may take elective courses from a variety of disciplines. Electives should be chosen in consultation with your adviser. At least 8 elective credits are required.

## Multimedia Journalism - Accelerated Master's Requirements

Students must take a minimum of 10 graduate-level credits (and no more than 16) per the requirements below while an undergraduate. Students must complete at least one course from Section I below. They should work closely with their MMJ adviser to determine how to reach the 10-credit minimum.

**1.MMJ Core Course: At least one** of the following courses#must#be taken#during#senior year:

- J611 Mass Comm & Society
- J627 MMJ Foundations
- J654 Reporting within Communities - or allowable substitute: J563 Engaged Journalism
- J629 Topics in Media and Communication Ethics: Digital Ethics or J596 Visual Ethics

**2.Multimedia or Area Elective(s):** Students take **may take one or more** elective courses to reach the 10-credit minimum of graduate-level credits. Electives can include SOJC electives such as those on the list below; MMJ electives offered in Portland; up to 2 credits of J601 while working on the terminal project proposal (see below); or graduate-level non-SOJC electives that align with the student's MMJ terminal project plans. Students should work closely with their advisor to select appropriate electives.

Example electives:

J510 Media Entrepreneurship

J532 Reporting for Electronic Media

J536 Topics: Web Design

J563 Audio Story

J566 Advanced Photojournalism

J601 Research

J608 Audio Storytelling

J608 Motion Graphics

J610 VR Building

J608 Drone Cinematography

J608 Intro to 360 Video

3. **MMJ Terminal Project Preparation:** In order for students to complete the 4+1 program on time, they will need to arrive at the start of their fifth year in Portland prepared to move forward on their terminal project. Therefore, during their senior year, students in the 4+1 program are required to work with their advisor and/or the co-directors of the program to develop a short list of project ideas and begin initial research toward creating a project proposal and developing a production plan for their project. Students may enroll in J601 Research credits while completing this requirement, but are not required to do so.

4. After admission to the program and throughout their senior year, students will work with their adviser to develop a **written graduation plan**, including **quarterly check-ins** to update the plan as SOJC course offerings become listed for each term.

5. As per Graduate School requirements, students must complete all of their bachelor's degree requirements and graduate within 12 months of the first day of the quarter in which they take their first graduate courses as part of the accelerated program. Students are expected to complete their remaining MMJ degree requirements within 15 months of beginning that program. Students are strongly advised to begin production work toward their terminal project during the summer after their senior year.

**Overall, students must begin the MMJ program with# 10 #credit hours comprised of**

**a) at least one required course from section 1 above,**

**b) as needed, an additional elective(s),**

**Students must take the required number of remaining credits during their 5<sup>th</sup> (MMJ) year to reach the 48 required for the program. (For example, if 10 graduate-level credits are taken senior year, 38 credits remaining credits must be completed in the 5<sup>th</sup> year).**

**Total program minimum required credits: 48**

## Strategic Communication (MS)

**Donna Davis**

Associate Professor, Director, Strategic Communication Master's Program & Oregon Reality (OR) Lab

Email: [dzdavis@uoregon.edu](mailto:dzdavis@uoregon.edu)

Phone: 503-412-3658

Office: SOJC Portland

In our flexible Portland-based master's program in Strategic Communication, students master a broad skill set encompassing creativity, critical thinking, strategic analysis, ethics, and practical application. The program is designed for working professionals who know that in a complex and rapidly changing world, communicating strategically is more important than ever. #Classes meet evenings and weekends.

The program consists of a core of required four-credit communication courses complemented by two-credit, shorter-term classes, culminating with a capstone project. Coursework is consistent with the Public Relations Society of America's guidelines for accreditation.

Students may choose between two program timelines to complete the 48-credit program: the standard two-year, six-term pathway or the accelerated five-term pathway. Students may also choose to complete the program on a part-time basis and extend the total time to degree.

### Admission Process

Please visit the program's website (<https://journalism.uoregon.edu/academics/graduate-programs/strategic-communications/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Analyze the political, economic, and cultural significance of the media and understand the responsibility inherent in creating and distributing effective messaging.
- Understand theoretical concepts and apply them to understanding how professionals and institutions shape communications relevant to their profession/field.
- Demonstrate an understanding of ethical principles and apply them to work ethically in pursuit of truth, fairness, and diversity.
- Analyze diversity in a global society as relevant to their profession/field with an expectation of engaging in equity and inclusion.
- Demonstrate the leadership skills necessary to facilitate professional teams, design communication campaigns, and advise top-level management and clients in moving their goals forward through effective communication.
- Critique information to determine accuracy, authenticity, and appropriateness for developing content and advancing research and communication agendas.
- Critically evaluate self and peer work, suggesting performance improvements in materials in a variety of formats.
- Understand the communication challenges faced by organizations doing business locally and globally.
- Demonstrate proficiency in the range of research methods (primary, secondary, quantitative, and qualitative) used by communication researchers.
- Evaluate data and measure targeted outcomes associated with communication strategies.

## Strategic Communication (MS) Requirements

Successful applicants for this program typically have significant professional experience as well as strong academic credentials. Candidates for this MS degree must earn at least 48 credits with a cumulative GPA of 3.00 or better. Courses that do not carry graduate

credit do not count toward the graduate credit minimum and are not included in the GPA.

Note: Please review the SOJC graduate student handbook for updated program requirements, which do not yet appear in the catalog: <https://sojcstudent.uoregon.edu/graduate/student-handbook/>

## Master of Arts Degree Requirements

| Code                                             | Title                                                              | Credits   |
|--------------------------------------------------|--------------------------------------------------------------------|-----------|
| <b>Strategic Communication Core</b>              |                                                                    |           |
| J 621                                            | Foundations of Strategic Communication                             | 4         |
| J 623                                            | Creativity in Strategic Communication                              | 4         |
| J 624                                            | Strategic Communication: [Topic] (Project Management and Planning) | 2         |
| Course chosen in consultation with advisor       |                                                                    | 4         |
| <b>Business Core</b>                             |                                                                    |           |
| J 616                                            | Introduction to Strategic Communication Marketing                  | 4         |
| J 618                                            | Strategic Communication Management                                 | 4         |
| Course chosen in consultation with advisor       |                                                                    | 2         |
| <b>Mass Communication Core</b>                   |                                                                    |           |
| J 595                                            | Research Methods: [Topic] (Strategic Communication)                | 4         |
| J 609                                            | Terminal Project                                                   | 6         |
| J 611                                            | Mass Communication and Society                                     | 4         |
| <b>Professional Specialization Elective Core</b> |                                                                    |           |
| J 624                                            | Strategic Communication: [Topic] <sup>1</sup>                      | 2         |
| Elective chosen in consultation with advisor     |                                                                    | 4         |
| <b>Total Credits</b>                             |                                                                    | <b>44</b> |

<sup>1</sup> Topics vary by term. At least one workshop must be selected.

See the School of Journalism and Communication website for more detailed and up-to-date information about application requirements, the curriculum, and final project options.

## Communication Ethics Graduate Certificate

### Thomas Bivins

Professor, John L. Hulteng Chair in Media Ethics & Responsibility  
Email: [tbivins@uoregon.edu](mailto:tbivins@uoregon.edu)  
Phone: 541-346-3740  
Office: 311B Allen Hall

The Graduate Certificate in Communication Ethics provides students with the ability to apply and teach both theoretical and applied ethical decision-making strategies covering a variety of media—from print and broadcast journalism to advertising and public relations, including both message construction and the multiple delivery systems associated with the modern mass media (print, broadcast, electronic, and digital).

*Please note that this program is not accepting applications at this time.*

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Understand and discuss core theories informing communication and media ethics.
- Analyze and research significant ethical issues of communication and multiple forms of media.
- Apply and teach ethical decision-making strategies for communication and media research and practice.
- Articulate and address ethical issues related to diversity, equity and inclusion in communication and media theory and practice.
- Develop ethical, effective practices for research, work and life.

## Communication Ethics Graduate Certificate Requirements

Any student who is unconditionally admitted to the Division of Graduate Studies may earn a certificate in communication ethics as an enhancement to a graduate degree. However, the certificate may be of particular interest to the journalism school's graduate students.

The certificate program is designed to provide students with the ability to apply and teach both theoretical and applied ethical decision-making strategies covering a variety of media—from print and broadcast journalism to advertising and public relations, including both message construction and the multiple delivery systems associated with the modern mass media (print, broadcast, electronic, and digital).

Students should be able to fulfill the program requirements within a two-year period, normally in conjunction with their primary graduate emphasis.

| Code                                               | Title                                    | Credits   |
|----------------------------------------------------|------------------------------------------|-----------|
| J 644                                              | Philosophy of Communication              | 4         |
| Select three of the following: <sup>1</sup>        |                                          | 12        |
| J 512                                              | Issues in Communication Studies: [Topic] |           |
| J 596                                              | Communication Ethics and Law: [Topic]    |           |
| J 646                                              | Political Economy of Communication       |           |
| J 648                                              | Cultural Approaches to Communication     |           |
| J 649                                              | International Communication              |           |
| Approved courses in other departments <sup>2</sup> |                                          | 8         |
| Other journalism or outside courses <sup>3,4</sup> |                                          | 4         |
| <b>Total Credits</b>                               |                                          | <b>28</b> |

- <sup>1</sup> Students, particularly at the doctoral level, are encouraged to make the 600-level courses a priority. The following list represents courses that have been identified as having a strong or exclusive focus in communication ethics, including topics highly relevant to ethics study.
- Issues in Communication Studies: [Topic] (J 512) (Communication and Democracy)
  - Communication Ethics and Law: [Topic] (J 596) (Ethics of Strategic Communication; Persuasion and Ethics; Photo Fiction; Visual Truth)
  - Political Economy of Communication (J 646)
  - Cultural Approaches to Communication (J 648)
  - International Communication (J 649)



- <sup>2</sup> Approved courses are decided in consultation with the student's certificate advisor and are based on relevance to the particular interest area of the student (e.g., political communication, environmental communication, philosophy). The advisor consults with the course instructor before approving a course. Ultimately, program coherence is gained through the core offerings in the school, but may be greatly enhanced through careful choices of outside course work. In most cases, courses in the philosophy department are encouraged as outside choices.
- <sup>3</sup> No more than 4 credits of Reading and Conference (J 605) may be applied to the certificate.
- <sup>4</sup> All students pursuing the communication ethics certificate (except PhD students in journalism) must take Mass Communication and Society (J 611). However, it does not count toward the 28 credits required for the graduate certificate.

## **Additional Requirement**

Course work must be taken for letter grades.

The required journalism courses from which students select two courses are generally taught at least once a year. Substitutions may occur if courses are not available. Other, relevant courses may also be substituted for courses on this list as they are developed or are considered germane to an individual student's program.

## **Application**

For more information on the program and application procedure, contact Tom Bivins, John L. Hulteng Chair in Media Ethics and Responsibility, 541-346-3740, [tbivins@uoregon.edu](mailto:tbivins@uoregon.edu).

# School of Law

---

## Marcilynn Burke, Dean

541-346-3852  
 541-346-3846 admissions office  
 541-346-1564 fax  
 105 Knight Law Center  
 1221 University of Oregon  
 Eugene, Oregon 97403-1221  
[lawadmissions@uoregon.edu](mailto:lawadmissions@uoregon.edu)

The School of Law offers a three-year, full-time professional curriculum leading to the doctor of jurisprudence (JD) degree; a two-year, full-time program leading to an interdisciplinary master's degree (MA or MS) in conflict and dispute resolution; a one-year, full-time program leading to a master of laws (LLM) with concentrations in American law, business law, conflict and dispute resolution, and environmental and natural resources law; and an undergraduate minor in legal studies.

The law school's broad-based curriculum and clinical programs prepare students for careers in almost every practice area and professional setting. Special centers and programs include appropriate dispute resolution; business law; criminal justice; environmental and natural resources law; estate planning; family law; intellectual property law; international law; legal research and writing; the Portland program; public law and policy; sports law; tax law; and the Wayne Morse Center for Law and Politics.

The Center for Career Planning and Professional Development offers counseling, seminars, mentoring programs, and connections to UO law graduates throughout the world.

The William W. Knight Law Center offers a spacious, welcoming environment for study and community activities and includes more than 1,500 fast-Ethernet jacks and wireless access throughout the building.

The John E. Jaqua Law Library is a light-filled space occupying three floors, designed to meet the research and study needs of law students. It provides print, electronic, and video resources, and has full wireless access. Each floor of the law library contains a mix of books, tables, carrels, equipment, and study rooms. Law students can use our online catalog to order materials from the law library and from other libraries in Oregon and Washington. Attorney librarians teach students how to perform legal research in class and in the library.

UO law students run three journals and nearly 40 active student organizations, serve the public in numerous clinical programs, and organize the world's oldest and largest public interest environmental law conference, attracting more than 3,000 participants each year. In addition, the School of Law offers a wide range of options to perform pro bono work in the local community, of which UO law students have a strong tradition.

## Academic Calendar for Law Students

The School of Law JD and LLM programs operate on a semester calendar. On this schedule, registration for fall and spring semesters begins the third week of April, fall semester examinations are given before the winter vacation, and the spring semester ends in mid-May. More information about calendar dates is available online at [registrar.uoregon.edu/calendars/academic](http://registrar.uoregon.edu/calendars/academic) (<http://registrar.uoregon.edu/calendars/academic/>).

## January Term

The School of Law offers a collection of one-week intensive courses held the week before the start of the regular spring semester.

## Summer Session

The School of Law offers a summer session that is open to law students who have completed at least one year of legal studies and who are in good standing at a law school accredited by the American Bar Association. Summer session is not open to beginning law students.

## Faculty

Sarah J. Adams-Schoen, assistant professor (land use, state and local government, ocean and coastal law). BA, 1994, Sarah Lawrence; MSc, 1995, London School of Economics; JD, 2002, Lewis and Clark; Federal Bar for U.S. District Court, 2002; Oregon bar, 2002. (2019)

Angela Addae, assistant professor (civil rights, race and law, social enterprise law). BA, 2011, Fisk; MA, 2013, Arizona; PhD, 2019, Arizona; JD, 2016, Arizona; Oregon bar, 2016. (2019)

Adell L. Amos, Clayton R. Hess Professor of Law (environmental and natural resources law). BA, 1995, Drury; JD, 1998, Oregon (Coif); Missouri bar, 1999. (2005)

Howard Arnett, professor of practice (Indian law). BA, 1970, Stanford; MSc, 1971, London School of Economics; JD, 1977, Oregon; Oregon bar, 1977. (2019)

Kristen Bell, assistant professor (criminal law, advanced appellate advocacy). BA, 2005, Stanford; PhD, 2010, North Carolina; JD, 2013, Stanford; California bar, 2014. (2018)

Carl S. Bjerre, Wallace L. and Ellen A. Kaapcke Law Professor of Law (commercial law, contracts). BA, 1982, California, Berkeley; JD, 1988, Cornell (Coif); New York bar, 1989; Oregon bar, 2001. (1996)

John E. Bonine, Bernard B. Kliks Professor of Law (environmental law, administrative law, constitutional law). AB, 1966, Stanford; LLB, 1969, Yale; California bar, 1970; Oregon bar, 1977. (1978)

Marcilynn A. Burke, Dave Frohnmayer Chair in Leadership and Law; Dean. AB, 1991, North Carolina; JD, 1995, Yale; District of Columbia bar, 1996; New York bar, 1996. (2017)

Roy Catalani, assistant clinical professor; Director, Nonprofit Clinic. BA, 1982, JD 1986, Oregon. (2023)

Stuart Chinn, professor of law (constitutional law, legislation). BA, 2001, MA, 2001, JD, 2004, PhD, 2008, Yale. (2009)

Andrea Coles-Bjerre, associate professor (creditors' rights, bankruptcy, civil procedure); faculty director, business law. BA, 1984, Barnard; JD, 1987, Brooklyn Law; New York bar, 1988. (1996)

Greg Dotson, associate professor (environmental and energy law). BA, 1991, Virginia Polytechnic Institute and State; JD, 1995, Oregon. (2016)

Bryan Dearing, LRW assistant clinical professor (legal research and writing). BA, 2022, Portland; JD, 2005, Drake. (2023)

Garrett Epps, professor of practice (constitutional law). BA, 1972, Harvard; MA, 1975 Hollins; JD, 1991, LLM, 1994, Duke. (2021)

Michael Fakhri, professor of law (international business transactions, law and development). LLB, 2001, Queen's (Ontario); LLM, 2006, Harvard. (2010)

Elizabeth R. Frost, LRW Associate Clinical Professor (legal research and writing, real estate transactions). BA, 2002, Yale; JD, 2006, Michigan, Ann Arbor. (2010)

Kristie Gibson, Assistant Clinical Professor (in-house counsel, business law). BA, JD, Oregon. LLM Willamette. (2018)

Erik Girvan, associate professor (civil procedure, remedies); Executive Director of Law & Conflict Studies (Legal Studies, LL.M, and Conflict and Dispute Resolution Master's Program & Certificate). BA, 1998, Alaska, Fairbanks; JD, 2002, Harvard; PhD, 2012, Minnesota, Twin Cities. (2012)

Rebekah Hanley, LRW Clinical Professor (legal research and writing, legal profession). BA, 1996, Yale; JD, 2000, California, Los Angeles. (2004)

Laurie Hauber, Assistant Clinical Professor (local government and public interest, business law); Director, Experiential Education. BA, 1990, Harvard; JD, 1998, Boston. (2020)

Robert C. Illig, associate professor (business associations, mergers and acquisitions, private equity and venture capital). BA, 1991, Williams; JD, 1996, Vanderbilt; New York bar, 1997. (2004)

Jane Larrington, Director, Law Library, professor. BA, 1997, Carleton; JD, 2001, Michigan; MA, 2007, Arizona. (2023)

Tom Lininger, Orlando John and Marian H. Hollis Professor of Law (ethics, criminal law, public interest law). BA, 1988, Yale; JD, 1991, Harvard; California bar, 1993; Oregon bar, 2008. (2003)

Mohsen Manesh, professor of law (advanced business law, business associations, contracts); faculty director, Portland program. BS, 2003, Arkansas; JD, 2006, Georgetown. (2011)

Megan McAlpin, LRW Clinical Professor (legal research and writing). BS, 2000, Western Oregon; JD, 2003, Willamette; Oregon bar, 2003. (2007)

Michelle McKinley, Bernard B. Kliks Professor of Law (immigration law, refugee and asylum law, international law). BA, 1985, Wellesley; MPhil, 1988, Oxford; JD, 1995, Harvard. (2007)

Kathryn Moakley, Assistant Clinical Professor (family law, domestic violence). BA, Knox; JD, Oregon. (2015)

Michael L. Moffitt, Philip H. Knight Professor of Law (civil procedure, negotiation, appropriate dispute resolution); Professor In-Residence for Clarks Honor's College. BA, 1991, Marietta; JD, 1994, Harvard. (2001)

Michael Loch, lecturer; Director of Academic Excellence Program. BA, 2003, Indiana; MA, 2007, Loyola University Chicago; JD, 2012 DePaul. (2022)

Eric Priest, professor of law (copyright law, trademark law, property). BA, 1999, Minnesota, Twin Cities; LLM, 2005, Harvard; JD, 2002, Illinois Institute of Technology. (2009)

Ofer Raban, professor of law; Elmer Sahlstrom Senior Faculty Fellow (constitutional law, criminal investigation, legal interpretation). BA, 1994, City University of New York, City College; DPhil, 1994, Oxford; JD, 1999, Harvard. (2008)

Alai Reyes-Santos, professor of practice (environmental justice, conflict resolution). BA, 2001, Puerto Rico; MA, 2004, PhD, 2007, California, San Diego. (2021)

Jennifer Reynolds, professor (dispute resolution); faculty director, Appropriate Dispute Resolution Center; Associate Dean. AB, 1992, Chicago; MA, 1996, Texas, Austin; JD, 2008, Harvard. (2009)

Joan Rocklin, LRW Clinical Professor (legal research and writing). BA, 1993, Williams; JD, 1998, Pennsylvania (Coif); New York bar, 1998. (2001)

Suzanne E. Rowe, James L. and Ilene R. Hershner Professor in Jurisprudence; Director, Legal Research and Writing Program. BA, 1983, North Carolina, Chapel Hill; JD, 1989, Columbia; California bar, 1992; District of Columbia bar, 1992. (2000)

Jasmine Samara, lecturer; Faculty Director, Legal Studies (anthropology, identity politics). BA, 2000, Yale; JD, 2004, Columbia; PhD, 2018, Harvard. (2022)

Joel Sati, assistant professor (criminal law, crimmigration). BA, 2016, City University of New York; JD, 2022, Yale; PhD, 2023, California, Berkley. (2023)

Nancy E. Shurtz, B. A. Kliks Professor of Law (taxation, estate planning, women and the law). BA, 1970, Cincinnati; JD, 1972, Ohio State; LLM, 1977, Georgetown; Ohio bar, 1973; Tennessee bar, 1973; District of Columbia bar, 1977. (1982)

Elizabeth Tippet, associate professor (employment law, negotiations). BA, 2002, Harvard; JD, 2006, Harvard. (2012)

Merle H. Weiner, Philip H. Knight Professor of Law (torts, family law, domestic violence). BA, 1985, Dartmouth College; LLM, 1988, Cambridge; JD, 1990, Harvard; District of Columbia bar, 1991; Maryland bar, 1991; California bar, 1993. (1998)

Andrew Winden, assistant professor (mergers & acquisitions, business associations, sustainable business). BA, 1990, Stanford; MA, 1995, Fletcher; JD, 1995, Harvard. (2022)

Mindy Wittkop, assistant clinical professor (business law, judicial); Director, Business Law Clinic. BA, 1993, Portland. JD, 1997, Oregon. (2010)

Mary C. Wood, Philip H. Knight Professor of Law (Indian law, public lands, property); faculty director, Environmental and Natural Resources Law Program. BA, 1984, Washington (Seattle); JD, 1987, Stanford; Washington bar, 1989; Oregon bar, 1990. (1992)

## Emeriti

Barbara Bader Aldave, professor emerita. BS, 1960, Stanford; JD, 1966, California, Berkeley (Coif); Oregon bar, 1966; Texas bar, 1982. (2000)

Donald W. Brodie, professor emeritus. BA, 1958, Washington (Seattle); LLB, 1961, New York University; Washington bar, 1961; Oregon bar, 1981. (1967)

Caroline Forell, professor emerita. BA, 1973, JD, 1978, Iowa (Coif); Oregon bar, 1978. (1978)

Susan N. Gary, professor emerita (trusts and estates, estate planning, nonprofit organizations). BA, 1977, Yale; JD, 1981, Columbia; Illinois bar, 1981; Oregon bar, 1989. (1992)

Ibrahim J. Gassama, professor emeritus (torts, international law, human rights). BA, 1980, Virginia Polytechnic; JD, 1984, Harvard; New York bar, 1985. (1991)

Leslie J. Harris, professor emerita. BA, 1973, New Mexico State; JD, 1976, New Mexico (Coif); New Mexico bar, 1976; District of Columbia bar, 1977. (1982)

Richard G. Hildreth, professor emeritus. BSE, 1965, JD, 1968, Michigan (Coif); diploma in law, 1969, Oxford; diploma in law, 1973, Stockholm; California bar, 1969; Oregon bar, 1982. (1978)

Dennis Hyatt, professor emeriti. (1976)

Mary Ann Hyatt, professor emerita. BA, 1979, Rhodes; ML, 1980, Emory; JD, 1993, Washington (Seattle). (2004)

Roberta Mann, professor emerita (tax law, property law, environmental law). BS, 1980, MBA, 1982, JD, 1987, Arizona State; LLM, 1995, Georgetown; Arizona bar, 1987; District of Columbia bar, 1989. (2008)

Ralph James Mooney, professor emeritus. BA, 1965, Harvard; JD, 1968, Michigan (Coif); California bar, 1968. (1972)

Michael Musheno, professor emeritus (law and society, public policy, conflict management). BA, 1969, Lycoming College; MA, 1971, PhD, 1974, American. (2014)

Cheyney Ryan, professor emeritus (philosophy and law). BA, 1969, MA, 1973, PhD 1974, JD, 1982, Harvard. (1974)

Michael Schill, professor emeritus. AB, 1980, Princeton; JD, 1984, Yale. (2015)

Peter Swan, professor emeritus. (1970)

Margaret L. Paris, professor emerita. BA, 1981, JD, 1985 (Coif), Northwestern; Illinois bar, 1985. (1992)

Dominick R. Vetri, professor emeritus (art law, torts, gay and lesbian legal issues). BS, ME, 1960, New Jersey Institute of Technology; JD, 1964, Pennsylvania (Coif); New Jersey bar, 1965; Oregon bar, 1977. (1967)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Minor

- Legal Studies (p. 562)

## Major - Law Degree

- Law (JD) (p. 566)

## Majors - Master's Degree

- American Law (LLM) (p. 562)
- Business Law (LLM) (p. 563)
- Conflict & Dispute Resolution (LLM) (p. 563)
- Conflict & Dispute Resolution (MA/MA) (p. 564)
- Environmental and Natural Resources Law (LLM) (p. 565)

## Specializations

- Environmental Conflicts: Climate Change (p. 568)
- Environmental Conflicts: Land Use (p. 568)
- Environmental Conflicts: Water (p. 568)
- Regional and International Conflict (p. 568)

## Certificate

- Institutional and Organizational Conflict Management (p. 567)

---

## Concurrent Degree Programs

### JD/MA or JD/MS in Conflict and Dispute Resolution

The School of Law offers a concurrent degree program leading to a doctor of jurisprudence and a master of arts or master of science degree in conflict and dispute resolution. Students receive two degrees in four years rather than in the standard five, deepening their understanding of negotiation, dispute resolution, and alternative methods of settlement. Applicants must apply to and be accepted by both programs.

### JD/MA in International Studies

The School of Law and the International Studies Program offer a concurrent degree program leading to a doctor of jurisprudence and a master of arts degree in international studies with a specialization in international law. Students receive two degrees in four years. Applicants must apply to and be accepted by both programs.

### JD/MBA

The School of Law and the Lundquist College of Business Graduate School of Management offer a doctor of jurisprudence and master of business administration (JD/MBA) concurrent degree program. The program prepares students to use their legal skills in fields that require understanding of business principles, finance, accounting, corporate management, sports marketing, and international business. Students receive two degrees in four years rather than in the standard five. Applicants must apply to and be accepted by both schools.

### JD/MA or MS in Environmental Studies

The School of Law and the Environmental Studies Program offer a concurrent degree program leading to a doctor of jurisprudence and a master of arts or a master of science in environmental studies. This program introduces students to scientific, social, and legal aspects of environmental regulation and resource development. Students receive two degrees in four years rather than in the standard five. Applicants must apply to and be accepted by both programs.

### JD/MA or MS in Media Studies

The School of Law and the School of Journalism and Communication offer a concurrent degree program leading to a doctor of jurisprudence and a master of arts or master of science in media studies. The degrees provide students with opportunities for both legal and communications internships. Applicants must apply to and be accepted by both schools.

### JD/MCRP in Community and Regional Planning

The School of Law and the School of Planning, Public Policy and Management offer a concurrent degree program leading to a doctor of jurisprudence and a master of community and regional planning. The

degrees provide students with opportunities for both legal and planning internships. Applicants must apply to and be accepted by both programs.

### JD/MNM in Nonprofit Management

The School of Law and the School of Planning, Public Policy and Management offer concurrent degrees that provide students with professionally accredited degrees in both law and public administration, the opportunity to interact with professionals in both the legal and public administration communities, opportunities for both legal and public administration internships, and an array of course work that prepares students for a wide range of professional careers.

### JD/MPA in Public Administration

The School of Law and the School of Planning, Public Policy and Management offer a concurrent degree program leading to a doctor of jurisprudence and a master of public administration. The degrees provide students with opportunities for both legal and public administration internships. Applicants must apply to and be accepted by both programs.

### JD/MS in Water Resources Policy and Management

The School of Law and Oregon State University offer a concurrent degree program leading to a doctor of jurisprudence and a master of science in water resources engineering, water resources science, or water resources policy and management. Applicants must apply to and be accepted by both programs.

## Legal Studies Minor

**Jasmine Samara**

Faculty Director

**Noah Glusman**

Managing Director

Whatever your career path, understanding the law, and your impact as a citizen in helping shape those laws, is a fundamental part of life. A minor in Legal Studies will give you better grounding in the history and concepts behind the kinds of legal disputes that dominate the news.

## Legal Studies Minor Requirements

The legal studies minor examines how law shapes and is shaped by society. It combines the analytical tools associated with legal scholarship with elements of a liberal arts education to investigate the power of the law and its potential to create social change.

### Requirements for the Minor

| Code                             | Title | Credits   |
|----------------------------------|-------|-----------|
| Core courses                     |       | 8         |
| Law elective courses             |       | 8         |
| Elective courses in other fields |       | 8         |
| <b>Total Credits</b>             |       | <b>24</b> |

Courses must be passed with grades of C– or better, with at least 12 credits earned in upper-division courses at the 300 or 400 levels. Courses taken by the student toward the minor may also count, as appropriate, to fulfill requirements for other degree programs. The legal studies minor does not count toward any other degree offered by the School of Law (JD, LLM, CRES master's).

The law elective courses are organized into two fields of interest: law in American society and law in global society. The electives include courses

from the following departments and programs: business administration (BA), cinema studies (CINE), education studies (EDST), ethnic studies (ES), family and human services (FHS), geography, (GEOG) global studies (GLBL), journalism (J), philosophy (PHIL), planning, public policy, and management (PPPM), political science (PS), psychology (PSY), and sociology (SOC).

Students may petition the School of Law's Managing Director of Legal Studies for approval of another outside course related to legal studies.

## American Law (LLM)

The American Law track in the LLM program at the University of Oregon School of Law is designed for international lawyers who want to gain a deeper understanding of American law and the American legal system. The program is intended to provide students with the tools they need to practice law in a global context, with a particular emphasis on the United States.

The program consists of a series of courses that cover various areas of American law, including constitutional law, civil procedure, criminal law, contracts, and torts. Students are also required to take a legal writing course to help them develop their writing and analytical skills.

In addition to the required courses, students have the opportunity to take electives in a wide range of subjects, including environmental law, intellectual property, business law, and human rights.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate the knowledge and ability necessary to practice substantive and procedural law and understand the dynamic processes through which law is created, developed, and changed by completing an organized program of courses in a selected specialization.
- Employ sound and articulate legal reasoning to identify, research, and analyze legal problems.
- Communicate effectively with clients, decision-makers, and other relevant stakeholders.
- Recognize the responsibility of lawyers to serve as informed and professional leaders.
- Appreciate the critical role that lawyers play in ensuring meaningful access to the legal system, promoting the just application of its laws, and serving their clients and the community.
- Learn how lawyers work together by demonstrating team lawyering skills, managing conflict, and forging relationships.

## American Law Requirements

Only for students without a doctor of jurisprudence (JD) degree.

| Code                             | Title                    | Credits   |
|----------------------------------|--------------------------|-----------|
| LAW 780                          | LLM Seminar: Writing     | 2         |
| LAW 781                          | LLM Seminar: In Practice | 2         |
| Core courses                     |                          | 4         |
| Elective courses in American law |                          | 16        |
| <b>Total Credits</b>             |                          | <b>24</b> |



## Additional Requirements

- Students who hold a law degree from a non-U.S. institution of higher education are required to take a 2-credit introductory course in American law and a 2-credit course in advanced persuasive legal writing as part of their degree requirements. Depending on a student's course selection and course availability, a student who is required to take these two courses may take more than 24 credits.
- LLM Seminar: Writing (LAW 780) and LLM Seminar: In Practice (LAW 781) are required for all students, providing education on topics of current concern. The students also work to improve their skills in making presentations, drafting articles, legal research, drafting transaction documents, and working collaboratively.
- Master of laws students must complete a written comprehensive paper or project in connection with one of the required concentration-specific courses or as a concentration-focused, independent-study legal research and writing course under the supervision of a faculty advisor.

Full information may be found on the program website (<https://law.uoregon.edu/programs/LLM/>).

## Business Law (LLM)

The Business Law track in the LLM program at the University of Oregon School of Law is designed for students who want to specialize in business law and gain a deeper understanding of the legal framework that governs businesses in the United States. The program is intended to provide students with the knowledge and skills they need to advise clients on a wide range of legal issues that arise in the context of business.

The program consists of a series of courses that cover various areas of business law, including corporate law, securities regulation, commercial transactions, and bankruptcy.

In addition to the required courses, students have the opportunity to take electives in a wide range of subjects, including tax law, intellectual property, and international business transactions.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate the knowledge and ability necessary to practice substantive and procedural law and understand the dynamic processes through which law is created, developed, and changed by completing an organized program of courses in a selected specialization.
- Employ sound and articulate legal reasoning to identify, research, and analyze legal problems.
- Communicate effectively with clients, decision-makers, and other relevant stakeholders.
- Recognize the responsibility of lawyers to serve as informed and professional leaders.
- Appreciate the critical role that lawyers play in ensuring meaningful access to the legal system, promoting the just application of its laws, and serving their clients and the community.
- Learn how lawyers work together by demonstrating team lawyering skills, managing conflict, and forging relationships.

## Business Law Requirements

### For JD degree holders

| Code                             | Title                    | Credits      |
|----------------------------------|--------------------------|--------------|
| LAW 780                          | LLM Seminar: Writing     | 2            |
| LAW 781                          | LLM Seminar: In Practice | 2            |
| Core courses                     |                          | 16-19        |
| Elective courses in business law |                          | 1-4          |
| <b>Total Credits</b>             |                          | <b>21-27</b> |

### For non-JD degree holders

| Code                             | Title                    | Credits      |
|----------------------------------|--------------------------|--------------|
| LAW 780                          | LLM Seminar: Writing     | 2            |
| LAW 781                          | LLM Seminar: In Practice | 2            |
| Core courses                     |                          | 18-21        |
| Elective courses in business law |                          | 1-2          |
| <b>Total Credits</b>             |                          | <b>23-27</b> |

## Additional Requirements

- Students who hold a law degree from a non-U.S. institution of higher education are required to take a 2-credit introductory course in American law and a 2-credit course in advanced persuasive legal writing as part of their degree requirements. Depending on a student's course selection and course availability, a student who is required to take these two courses may take more than 24 credits.
- LLM Seminar: Writing (LAW 780) and LLM Seminar: In Practice (LAW 781) are required for all students, providing education on topics of current concern. The students also work to improve their skills in making presentations, drafting articles, legal research, drafting transaction documents, and working collaboratively.
- Master of laws students must complete a written comprehensive paper or project in connection with one of the required concentration-specific courses or as a concentration-focused, independent-study legal research and writing course under the supervision of a faculty advisor.

Full information may be found on the program website (<https://law.uoregon.edu/programs/LLM/>).

## Conflict and Dispute Resolution (LLM)

The Conflict and Dispute Resolution (CDR) Law track in the LLM program at the University of Oregon School of Law is designed for students who want to specialize in alternative dispute resolution and gain a deeper understanding of the legal framework that governs conflict resolution in the United States. The program is intended to provide students with the knowledge and skills they need to address complex disputes and work effectively with clients in this field.

The program consists of a series of courses that cover various areas of conflict and dispute resolution, including negotiation, mediation, arbitration, and international dispute resolution.

Students can also choose to participate in the school's mediation clinic, which provides hands-on experience working on real cases under the supervision of experienced attorneys.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate the knowledge and ability necessary to practice substantive and procedural law and understand the dynamic processes through which law is created, developed, and changed by completing an organized program of courses in a selected specialization.
- Employ sound and articulate legal reasoning to identify, research, and analyze legal problems.
- Communicate effectively with clients, decision-makers, and other relevant stakeholders.
- Recognize the responsibility of lawyers to serve as informed and professional leaders.
- Appreciate the critical role that lawyers play in ensuring meaningful access to the legal system, promoting the just application of its laws, and serving their clients and the community.
- Learn how lawyers work together by demonstrating team lawyering skills, managing conflict, and forging relationships.

## Conflict and Dispute Resolution Requirements

### For JD degree holders

| Code                                                | Title                    | Credits      |
|-----------------------------------------------------|--------------------------|--------------|
| LAW 780                                             | LLM Seminar: Writing     | 2            |
| LAW 781                                             | LLM Seminar: In Practice | 2            |
| Core courses                                        |                          | 11-12        |
| Elective courses in conflict and dispute resolution |                          | 8-10         |
| <b>Total Credits</b>                                |                          | <b>23-26</b> |

### For non-JD degree holders

| Code                                                | Title                    | Credits      |
|-----------------------------------------------------|--------------------------|--------------|
| LAW 780                                             | LLM Seminar: Writing     | 2            |
| LAW 781                                             | LLM Seminar: In Practice | 2            |
| Core courses                                        |                          | 14-16        |
| Elective courses in conflict and dispute resolution |                          | 4-6          |
| <b>Total Credits</b>                                |                          | <b>22-26</b> |

### Additional Requirements

- Students who hold a law degree from a non-U.S. institution of higher education are required to take a 2-credit introductory course in American law and a 2-credit course in advanced persuasive legal writing as part of their degree requirements. Depending on a student's course selection and course availability, a student who is required to take these two courses may take more than 24 credits.
- LLM Seminar: Writing (LAW 780) and LLM Seminar: In Practice (LAW 781) are required for all students, providing education on topics of current concern. The students also work to improve their skills in making presentations, drafting articles, legal research, drafting transaction documents, and working collaboratively.
- Master of laws students must complete a written comprehensive paper or project in connection with one of the required concentration-specific courses or as a concentration-focused, independent-study legal research and writing course under the supervision of a faculty advisor.

Full information may be found on the program website (<https://law.uoregon.edu/programs/LLM/>).

## Conflict and Dispute Resolution (MA/MS)

The graduate program in conflict and dispute resolution (CRES), housed in the School of Law, offers an interdisciplinary master's degree (MA or MS) granted by the Division of Graduate Studies. It is an interdisciplinary program that prepares professionals from all disciplines to be collaborative problem-solvers in every aspect of society. The curriculum includes a balance of theory and skills-based learning designed to sharpen analytical and practical skills, encourage intellectual rigor and foster the lively exchange of ideas in and out of the classroom. The program operates on the quarter (term) calendar. The calendar is available for review online (<http://registrar.uoregon.edu/calendars/academic/>).

Students are admitted to the program once a year for fall term. Applicants do not need to apply to the JD program, nor are they required to have a specific educational background to be eligible. Applicants are required to apply online (<https://law.uoregon.edu/cres/apply/>) through the Division of Graduate Studies.

Tuition information can be found here (<https://registrar.uoregon.edu/tuition-fees/law/?term=202101&sc=1934>). The total cost of attendance (including estimates for housing, books, personal expenses, and transportation) and information about scholarships may be found online (<https://law.uoregon.edu/explore/CRES-tuition-and-financial-aid/>). For fee information, please refer to [financialaid.uoregon.edu](http://financialaid.uoregon.edu) (<http://catalog.uoregon.edu/law/financialaid.uoregon.edu>).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Integrate and apply a broad range of theoretical concepts, processes, skills, and strategies to analyze, prevent, manage, and resolve conflicts.
- Understand the contexts in which conflicts occur and apply to them the appropriate conflict and dispute resolution theory and skills.
- Facilitate, lead, and engage in constructive communication and collaborative problem-solving in a variety of interpersonal, cross-cultural, and intra-and inter-institutional settings.
- Recognize, understand, acknowledge, and address the role of power, difference, and inequity in conflict.
- Demonstrate deepened and self-reflective skills in critical thinking, research, writing, ethics, and the craft of conflict management.

## Conflict and Dispute Resolution Requirements

| Code                                              | Title | Credits     |
|---------------------------------------------------|-------|-------------|
| Core courses                                      |       | 32          |
| Elective courses                                  |       | 20          |
| Internship (320 hours)                            |       | 8           |
| Thesis, terminal project, or course concentration |       | 9           |
| <b>Total Credits</b>                              |       | <b>68.5</b> |

\*Students who wish to obtain a master of arts degree instead of the master of science must demonstrate proficiency in a second language

(<https://gradschool.uoregon.edu/academics/completing-degree/masters-minimum-requirements/#language-requirement>). The Division of Graduate Studies requirements for this requirement may be found online (<https://gradschool.uoregon.edu/policies-procedures/masters/>).

## Additional Requirements

First-year students take core courses (<https://law.uoregon.edu/cres/requirements/corecourses/>) together as a cohort. In the second year of study, degree candidates focus on completing their elective course work, internship, and final project. Students have the option to pursue and complete the program on a full-time basis in two-years or pursue the program on a part-time basis which extends the program.

Elective course work (<https://law.uoregon.edu/cres/requirements/electives/>) may come from a wide array of disciplines including business, global studies, public policy and management, philosophy, political science, psychology, and sociology, among others. The CRES Program also offers specific electives in areas such as the Israel-Palestine conflict, environmental conflict resolution, organizational conflict resolution, family mediation, and conflict and gender.

The internship (<https://law.uoregon.edu/cres/practical-experience/>) is a key element of the educational program, providing practical experience in an area that has relevance to the student's educational and career goals. The internship requirement is flexible to allow students to complete their credits over one or more terms with one or more organizations. Opportunities may include local, regional, national, and international locales.

The thesis, terminal project, or course concentration component (the final project (<https://law.uoregon.edu/cres/requirements/final-project/>) for the degree requirement) is flexible in format and content to allow students to choose among a theory-based academic paper that studies an aspect of the field, a practical applied project, or a set of courses selected to build specific expertise in a given area. Successful completion of the final project requires an oral defense before the student's final project committee.

The Conflict and Dispute Resolution Program offers several concurrent degree programs: environmental studies, global studies, law, business administration, multimedia journalism, strategic communication, community and regional planning, nonprofit management, and public administration. Other concurrent master's or doctoral degree opportunities may be approved on a case-by-case basis. Students are also eligible to pursue a variety of graduate certificates and specializations. For more information on these opportunities, click here (<https://graduatestudies.uoregon.edu/academics/programs/#Graduate%20Certificate%20Programs>).

## Environmental and Natural Resources Law (LLM)

The Environmental and Natural Resources (ENR) Law track in the LLM program at the University of Oregon School of Law is designed for students who want to specialize in environmental and natural resources law and gain a deeper understanding of the legal framework that governs these areas in the United States. The program is intended to provide students with the knowledge and skills they need to address complex environmental issues and work effectively with clients in this field.

The program consists of a series of courses that cover various areas of environmental and natural resources law, including environmental law, natural resources law, energy law, and climate change law.

In addition to the required courses, students have the opportunity to take electives in a wide range of subjects, including water law, land use law, and wildlife law. Students can also choose to participate in the school's environmental and natural resources law clinics, which provide hands-on experience working on real cases under the supervision of experienced attorneys.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate the knowledge and ability necessary to practice substantive and procedural law and understand the dynamic processes through which law is created, developed, and changed by completing an organized program of courses in a selected specialization.
- Employ sound and articulate legal reasoning to identify, research, and analyze legal problems.
- Communicate effectively with clients, decision-makers, and other relevant stakeholders.
- Recognize the responsibility of lawyers to serve as informed and professional leaders.
- Appreciate the critical role that lawyers play in ensuring meaningful access to the legal system, promoting the just application of its laws, and serving their clients and the community.
- Learn how lawyers work together by demonstrating team lawyering skills, managing conflict, and forging relationships.

## Environmental and Natural Resources Law Requirements

### For JD degree holders

| Code                                                        | Title                    | Credits      |
|-------------------------------------------------------------|--------------------------|--------------|
| LAW 780                                                     | LLM Seminar: Writing     | 2            |
| LAW 781                                                     | LLM Seminar: In Practice | 2            |
| Core courses                                                |                          | 11-15        |
| Elective courses in environmental and natural resources law |                          | 5-10         |
| <b>Total Credits</b>                                        |                          | <b>20-29</b> |

### For non-JD degree holders

| Code                                                        | Title                    | Credits      |
|-------------------------------------------------------------|--------------------------|--------------|
| LAW 780                                                     | LLM Seminar: Writing     | 2            |
| LAW 781                                                     | LLM Seminar: In Practice | 2            |
| Core courses                                                |                          | 12-17        |
| Elective courses in environmental and natural resources law |                          | 3-8          |
| <b>Total Credits</b>                                        |                          | <b>19-29</b> |

## Additional Requirements

- Students who hold a law degree from a non-U.S. institution of higher education are required to take a 2-credit introductory course in American law and a 2-credit course in advanced persuasive legal writing as part of their degree requirements. Depending on a student's course selection and course availability, a student who is required to take these two courses may take more than 24 credits.

- LLM Seminar: Writing (LAW 780) and LLM Seminar: In Practice (LAW 781) are required for all students, providing education on topics of current concern. The students also work to improve their skills in making presentations, drafting articles, legal research, drafting transaction documents, and working collaboratively.
- Master of laws students must complete a written comprehensive paper or project in connection with one of the required concentration-specific courses or as a concentration-focused, independent-study legal research and writing course under the supervision of a faculty advisor.

Full information may be found on the program website (<https://law.uoregon.edu/programs/LLM/>).

## Law (JD)

Oregon Law is part of the University of Oregon, a premier AAU research university in the Pacific Northwest. Our home, the William W. Knight Law Center, is modern, inspiring, designed to encourage collaboration, and it's one of the few law schools that's also an art gallery. We're also home to the outstanding John E. Jaqua Law Library.

The Oregon Law curriculum is designed to build the analytical and practical skills necessary to be activists, advocates, and leaders in our communities.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate the knowledge and ability necessary to practice substantive and procedural law and to understand the dynamic processes through which law is created, developed, and changed.
- Employ sound and articulate legal reasoning to identify, research, and analyze legal problems.
- Engage in and appreciate the importance of their professional and ethical responsibilities towards clients, the local community, our nation, and the world.
- Communicate effectively with clients, decision makers, and other relevant stakeholders.
- Recognize the responsibility of lawyers to serve as informed and professional leaders.
- Understand and appreciate diversity, equity, and inclusion as components of their personal and professional success.
- Appreciate the critical role that lawyers play in ensuring meaningful and equitable access to the legal system.
- Understand the interrelationship between the creation, development, reform, and practice of law, the natural and social sciences, the humanities, and the arts.

## Doctor of Jurisprudence

The curriculum presents fundamental subjects of law during the first year, and the first-year program is prescribed. These required courses are designed to provide a solid foundation in legal theory, practical writing and research skills, and a theoretical and practical knowledge of the law.

All but two second- and third-year courses are elective.

| Code                               | Title     | Credits |
|------------------------------------|-----------|---------|
| <b>First-Year Required Courses</b> |           |         |
| LAW 611                            | Contracts | 4       |

|                                                |                               |           |
|------------------------------------------------|-------------------------------|-----------|
| LAW 613                                        | Torts                         | 4         |
| LAW 617                                        | Property                      | 4         |
| LAW 615                                        | Civil Procedure               | 4         |
| LAW 618                                        | Criminal Law                  | 4         |
| LAW 622                                        | Legal Research and Writing I  | 3         |
| LAW 623                                        | Legal Research and Writing II | 3         |
| LAW 643                                        | Constitutional Law I          | 3         |
| <b>Second- and Third-Year Required Courses</b> |                               |           |
| LAW 644                                        | Constitutional Law II         | 3         |
| LAW 649                                        | Legal Profession              | 3         |
| <b>Electives</b>                               |                               |           |
| Law courses in area of study                   |                               | 50        |
| <b>Total Credits</b>                           |                               | <b>85</b> |

Students who have been admitted to the School of Law, who have satisfactorily completed 85 semester credits, and who have otherwise satisfied the requirements of the university and the School of Law are granted the JD degree provided that they

- earn a BA or BS or equivalent degree from an accredited college or university at least two years before completing work for the JD degree
- complete successfully all prescribed first-year courses
- complete successfully Constitutional Law II (LAW 644) and Legal Profession (LAW 649)
- fulfill an experiential learning requirement, a diversity course requirement, a professional planning requirement, and a writing requirement
- have been full-time law students for at least six semesters or equivalent
- earn a 2.00 cumulative University of Oregon Law School grade point average
- fulfill other requirements as may be imposed

The School of Law reserves the right to modify its curriculum and graduation requirements at any time.

Students in the School of Law may accrue up to 5 of the required 85 semester credits by successfully completing non-law graduate-level courses or seminars at the University of Oregon. These courses must be relevant to their program of legal studies and approved in advance by the associate dean for academic affairs.

## Additional Requirements

A total of three years of full-time resident professional study in the University of Oregon School of Law or another law school of recognized standing is required for the JD degree. At least 55 semester hours must be completed at the University of Oregon School of Law.

## Concurrent Degree Programs

### JD/MA or JD/MS in Conflict and Dispute Resolution

The School of Law offers a concurrent degree program leading to a doctor of jurisprudence and a master of arts or master of science degree in conflict and dispute resolution. Students receive two degrees in four years rather than in the standard five, deepening



their understanding of negotiation, dispute resolution, and alternative methods of settlement. Applicants must apply to and be accepted by both programs.

### JD/MA in International Studies

The School of Law and the International Studies Program offer a concurrent degree program leading to a doctor of jurisprudence and a master of arts degree in international studies with a specialization in international law. Students receive two degrees in four years. Applicants must apply to and be accepted by both programs.

### JD/MBA

The School of Law and the Lundquist College of Business Graduate School of Management offer a doctor of jurisprudence and master of business administration (JD/MBA) concurrent degree program. The program prepares students to use their legal skills in fields that require understanding of business principles, finance, accounting, corporate management, sports marketing, and international business. Students receive two degrees in four years rather than in the standard five. Applicants must apply to and be accepted by both schools.

### JD/MA or MS in Environmental Studies

The School of Law and the Environmental Studies Program offer a concurrent degree program leading to a doctor of jurisprudence and a master of arts or a master of science in environmental studies. This program introduces students to scientific, social, and legal aspects of environmental regulation and resource development. Students receive two degrees in four years rather than in the standard five. Applicants must apply to and be accepted by both programs.

### JD/MA or MS in Media Studies

The School of Law and the School of Journalism and Communication offer a concurrent degree program leading to a doctor of jurisprudence and a master of arts or master of science in media studies. The degrees provide students with opportunities for both legal and communications internships. Applicants must apply to and be accepted by both schools.

### JD/MCRP in Community and Regional Planning

The School of Law and the School of Planning, Public Policy and Management offer a concurrent degree program leading to a doctor of jurisprudence and a master of community and regional planning. The degrees provide students with opportunities for both legal and planning internships. Applicants must apply to and be accepted by both programs.

### JD/MNM in Nonprofit Management

The School of Law and the School of Planning, Public Policy and Management offer concurrent degrees that provide students with professionally accredited degrees in both law and public administration, the opportunity to interact with professionals in both the legal and public administration communities, opportunities for both legal and public administration internships, and an array of course work that prepares students for a wide range of professional careers.

### JD/MPA in Public Administration

The School of Law and the School of Planning, Public Policy and Management offer a concurrent degree program leading to a doctor of jurisprudence and a master of public administration. The degrees provide students with opportunities for both legal and public administration internships. Applicants must apply to and be accepted by both programs.

### JD/MS in Water Resources Policy and Management

The School of Law and Oregon State University offer a concurrent degree program leading to a doctor of jurisprudence and a master of science in water resources engineering, water resources science, or water resources policy and management. Applicants must apply to and be accepted by both programs.

## Institutional and Organizational Conflict Management Graduate Certificate

Conflict is a part of life. Organizations desperately need professionals with the knowledge and skills to engage with and manage conflict productively. This certificate is designed for both current graduate students as well as working professionals who would like to add this set of knowledge and skills to their resume.

### Eligibility

- University of Oregon graduate students from any department may apply to this certificate program. The certificate courses *may* satisfy the electives portion of a graduate degree, eliminating the need for additional time to complete both the degree and certificate. Consult with your advisor for specifics pertaining to your program.
- This certificate program is also available for students not pursuing a graduate degree at the University of Oregon. However, an undergraduate degree from a certified college or university is required, along with admission to the Division of Graduate Studies.

## Graduate Certificate in Institutional and Organizational Conflict Management

| Code                     | Title                                       | Credits   |
|--------------------------|---------------------------------------------|-----------|
| <b>Required Courses</b>  |                                             |           |
| CRES 614                 | Negotiation, Bargaining and Persuasion      | 4         |
| CRES 620                 | Facilitation                                | 2         |
| CRES 631                 | Managing Conflict in Organizations          | 4         |
| CRES 670                 | Adversarial Processes                       | 4         |
| <b>Electives Courses</b> |                                             | <b>12</b> |
| CRES 515                 | Conflict and Gender                         |           |
| CRES 612                 | Philosophy of Conflict Resolution           |           |
| CRES 660                 | Environmental Conflict Resolution           |           |
| CRES 621                 | Culture, Power, and Conflict Resolution I   |           |
| CRES 622                 | Culture, Power, and Conflict Resolution II  |           |
| CRES 623                 | Culture, Power, and Conflict Resolution III |           |
| CRES 625                 | Psychology of Conflict                      |           |
| <b>Total Credits</b>     |                                             | <b>26</b> |

## Law Graduate Specializations

The Conflict and Dispute Resolution Program partners with several other academic departments to offer four graduate specializations:

- Environmental Conflict: Climate Change
- Environmental Conflict: Land Use
- Environmental Conflict: Water
- Regional and International Conflict



Full information may be found on the program website (<https://law.uoregon.edu/programs/conflict-dispute-resolution-masters/>). For specific questions: Email: [cres@uoregon.edu](mailto:cres@uoregon.edu), Phone: 541-346-1604.

## Eligibility

- You must be accepted to and enrolled in a master's or doctoral program at the University of Oregon

## Environmental Conflicts: Climate Change

The graduate specializations in environmental conflicts are intended to provide you with an understanding of the participatory processes, decision-making constraints, and tools to address environmental disputes. This specialization provides further context on resource disputes related to climate change.

## Environmental Conflicts: Land Use

The graduate specializations in environmental conflicts are intended to provide you with an understanding of the participatory processes, decision-making constraints, and tools to address environmental disputes. This specialization provides further context on land use disputes.

## Environmental Conflicts: Water

The graduate specializations in environmental conflicts are intended to provide you with an understanding of the participatory processes, decision-making constraints, and tools to address environmental disputes. This specialization provides further context on water-related disputes.

## Regional and International Conflict

This specialization is intended to provide you with a foundation of knowledge and skills for working in developing or post-conflict countries in the field of international development, aid relief work, conflict management, and community building.

# School of Music and Dance

---

## Sabrina Madison-Cannon

Phyllis and Andrew Berwick Dean and Professor of Dance  
219R Frohnmayer Music Building  
541-346-5651  
smadison@u (jfboss@uoregon.edu)oregon.edu (  
smadison@uoregon.edu)

The University of Oregon School of Music and Dance serves as an educational and cultural resource for the University of Oregon, the local community, and the state of Oregon. We prepare students to lead enriching lives by providing comprehensive programs for professional arts-based careers, as well as those seeking to gain a fully realized liberal arts education.

The School of Music and Dance (SOMD) presents more than 300 concerts, performances, and events during the academic year featuring guest artists, faculty artists, and student ensembles. The incredible wealth of concert material ranges from contemporary dance to African dance, early music and classical to contemporary music, world music, and jazz. SOMD is also home to the Grammy-winning Oregon Bach Festival (OBF) and ChamberMusic@Beall performance series.

We welcome risk-takers. Our students and faculty foster experimentation and innovation by supporting the creation of new work that is grounded in the traditional canon and technique. The community is our classroom. This region is full of off-campus arts organizations, concert venues, and opportunities to perform. We aim to constantly learn from our past and strive for a better future. We welcome feedback from our students about how to improve our community and create a friendly, integrated environment that feels like a family.

## Dance

### Christian Cherry, Department Head

169 Gerlinger Annex  
541-346-5951  
cerise@uoregon.edu

The goal of the department is to provide comprehensive dance training within the liberal arts framework of the university. The study of dance involves intellectual, artistic, and physical development. The Department of Dance emphasizes all three areas of growth, a commitment made possible by the breadth of its curricular offerings and the depth of faculty expertise. In addition to the academic components, dance students experience the rigorous professional discipline that is inherent in studio classes. The department explores diverse idioms in dance: African dance and drumming, ballet, contact improvisation, contemporary, jazz, hip-hop, modern, partnering, and Salsa.

Regardless of a student's career goals, education in dance at the University of Oregon provides the opportunity to develop motivation and self-discipline, intellectual curiosity, and creative imagination. These attributes are essential not only for a successful career but also for experiencing a fulfilling life.

## Faculty

Christian Cherry, associate professor (music for dance, composition, contact improvisation); undergraduate director, music director. BA, 1983, Ohio Wesleyan; MM, 1993, Ohio State. (2001)

Brad Garner, professor (modern, jazz, ballet; improvisation, production). BFA, 1997, Minnesota, Twin Cities; MFA, 2004, Arizona State. (2009)

Rita Honka, senior instructor II (African, modern, African diaspora and culture, anatomy, somatics). BS, 1989, Wayne State; MS, 1992, Oregon. (1993)

Habib Iddrisu, associate professor (West African music, African dance, performance). BA, 2002, MA, 2004, Bowling Green State; PhD, 2011, Northwestern. (2013)

Walter Kennedy, associate professor (modern and ballet, dance history, composition); BFA, 1996, California State, Long Beach; MFA, 1999, Illinois, Urbana-Champaign. (2000)

Shannon Mockli, associate professor (modern, contemporary, and ballet; improvisation, composition). BFA, 2003, Utah; MFA, 2008, Utah. (2008)

Florabelle Moses, instructor (ballet, Salsa and Bachata). B. Dance and Dance Education, Rubin Academy of Music and Dance, Israel (1991); MA in Dance, University of Oregon. (1993)

Hannah Victoria Thomas, assistant professor (hip hop, jazz, and contemporary technique, dance history and culture, composition), BA, 2016, Georgia College and State University; MFA, 2020, Arizona State University. (2021)

## Emeriti

Steven Chatfield, professor emeritus. BA, 1975, MA, 1984, PhD, 1989, Colorado, Boulder. (1989)

Jenifer P. Craig, associate professor emerita. BA, 1971, MA, 1973, Oregon; PhD, 1982, Southern California. (1986)

Bruno V. Madrid, senior instructor emeritus. BMus, 1955, Santo Tomas Conservatory of Music; MMus, 1963, Oregon. (1966)

Susan Zadoff, senior instructor emerita. Ballet Russe de Monte Carlo. (1976)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

## Undergraduate

### Majors - Bachelor's Degree

- Dance (BA/BS) (p. 570)
- Dance (BFA) (p. 573)

### Minor

- Dance (p. 574)

### Certificate

- Teaching Dance (p. 575)

## Honors College Program

See the **Robert Donald Clark Honors College** section of this catalog for specific honors college requirements. Departmental requirements for dance majors enrolled in the Clark Honors College include the following:

- 6 credits of independent study in choreography, technical production, or related research leading to the senior honors thesis
- Either a choreography (minimum of ten minutes) with written description and discussion or an honors essay on an approved research topic

## Dance (BA/BS)

The goal of the department is to provide comprehensive dance training within the liberal arts framework of the university. The study of dance involves intellectual, artistic, and physical development. The Department of Dance emphasizes all three areas of growth, a commitment made possible by the breadth of its curricular offerings and the depth of faculty expertise. In addition to the academic components, dance students experience the rigorous professional discipline that is inherent in studio classes. The department explores diverse idioms in dance: African dance and drumming, ballet, contact improvisation, contemporary, jazz, hip-hop, modern, partnering, and Salsa.

Regardless of a student's career goals, education in dance at the University of Oregon provides the opportunity to develop motivation and self-discipline, intellectual curiosity, and creative imagination. These attributes are essential not only for a successful career but also for experiencing a fulfilling life.

### Program's Admission Requirements

Please visit the program's website (<https://musicanddance.uoregon.edu/apply/>).

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Synthesize approaches to dance through immersion in multiple dance forms, performance, creative practice, and theory.
- Contextualize and understand dance from philosophical and cultural perspectives.
- Cultivate awareness and responsibility as a global dance citizen.
- Engage in music, science and somatics, history and culture, pedagogy and production of dance.
- Communicate about dance through writing, speaking, embodied practice, and creative inquiry.

Courses required for a dance major must be taken for letter grades when that option is available. A grade of P must be earned in courses designated pass/no pass (P/N) only.

## Dance Major Requirements

| Code                         | Title            | Credits   |
|------------------------------|------------------|-----------|
| <b>Technique<sup>1</sup></b> |                  | <b>21</b> |
| DANC 170                     | Contemporary I   |           |
| DANC 270                     | Contemporary II  |           |
| DANC 370                     | Contemporary III |           |
| DANC 172                     | Ballet I         |           |
| DANC 272                     | Ballet II        |           |

|                          |                                            |           |
|--------------------------|--------------------------------------------|-----------|
| DANC 372                 | Ballet III                                 |           |
| DANC 175                 | Hip Hop I                                  |           |
| DANC 275                 | Hip Hop II                                 |           |
| DANC 375                 | Hip hop III                                |           |
| DANC 185                 | African I                                  |           |
| DANC 285                 | African II                                 |           |
| DANC 199                 | Special Studies: [Topic]                   |           |
| DANC 299                 | Special Studies: [Topic]                   |           |
| DANC 399                 | Special Studies: [Topic]                   |           |
| DAN 494                  | Advanced Movement Practice (Three Times)   |           |
| <b>Performance</b>       |                                            | <b>7</b>  |
| DAN 280                  | Dance Loft Performance                     |           |
| DAN 380                  | Student Dance Concert Performance          |           |
| DAN 408                  | Workshop: [Topic]                          |           |
| DAN 436                  | Dema African Performance Ensemble: [Topic] |           |
| DAN 480                  | Faculty Dance Concert Performance          |           |
| DAN 486                  | Student Dance Collective: [Topic]          |           |
| <b>Creative Practice</b> |                                            | <b>8</b>  |
| DAN 171                  | Dance Improvisation: [Topic]               |           |
| DAN 271                  | Contact Improvisation: [Topic]             |           |
| DAN 252                  | Dance Composition I                        |           |
| DAN 352                  | Dance Composition II                       |           |
| <b>Theory</b>            |                                            | <b>39</b> |
| DAN 241                  | Screendance: History and Theory            |           |
| DAN 251                  | Looking at Dance                           |           |
| DAN 255                  | Dance Production I                         |           |
| DAN 258                  | Musical Elements of Dance                  |           |
| DAN 260                  | Anatomy of Human Movement                  |           |
| DAN 301                  | African Dance Aesthetics                   |           |
| DAN 355                  | Dance Production II                        |           |
| DAN 360                  | Dance Kinesiology                          |           |
| DAN 425                  | Senior Seminar: [Topic] (Three Times)      |           |
| DAN 443                  | Dance and Power                            |           |
|                          | or DAN 444 Contemporary Issues in Dance    |           |
| DAN 458                  | Music for Dancers                          |           |
| DAN 491                  | Teaching Dance                             |           |
| <b>Total Credits</b>     |                                            | <b>75</b> |

<sup>1</sup> 9 credits minimum in upper division. 3 courses minimum per idiom in DANC.

Students transferring to the UO as dance majors after two years of college work elsewhere should have completed courses for the UO BA foreign language/BS mathematics requirement, two terms of college-level English composition, as many of the university's core-education requirements as possible, and training in modern dance.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

Courses that apply to the major must be passed with grades of C– or better.

## Bachelor of Arts in Dance

| Course                                             | Title                    | Credits   | Milestones |
|----------------------------------------------------|--------------------------|-----------|------------|
| <b>First Year</b>                                  |                          |           |            |
| <b>Fall</b>                                        |                          |           |            |
| First term of first-year second-language sequence  |                          | 5         |            |
| WR 121Z                                            | Composition I            | 4         |            |
| DAN 255                                            | Dance Production I       | 3         |            |
| Choose two from the following:                     |                          | 2         |            |
| DANC 170                                           | Contemporary I           |           |            |
| DANC 172                                           | Ballet I                 |           |            |
| DANC 175                                           | Hip Hop I                |           |            |
| DANC 185                                           | African I                |           |            |
| DANC 199                                           | Special Studies: [Topic] |           |            |
| <b>Credits</b>                                     |                          | <b>14</b> |            |
| <b>Winter</b>                                      |                          |           |            |
| Second term of first-year second-language sequence |                          | 5         |            |
| General-education course in arts and letters       |                          | 4         |            |
| General-education course in social science         |                          | 4         |            |
| Choose two from the following:                     |                          | 2         |            |
| DANC 170                                           | Contemporary I           |           |            |
| DANC 172                                           | Ballet I                 |           |            |
| DANC 175                                           | Hip Hop I                |           |            |
| DANC 185                                           | African I                |           |            |
| DANC 199                                           | Special Studies: [Topic] |           |            |
| <b>Credits</b>                                     |                          | <b>15</b> |            |
| <b>Spring</b>                                      |                          |           |            |
| Third term of first-year second-language sequence  |                          | 5         |            |
| WR 122Z                                            | Composition II           | 4         |            |
| or WR 123 or College Composition III               |                          |           |            |
| General-education course in social science         |                          | 4         |            |
| Choose two from the following:                     |                          | 2         |            |
| DANC 170                                           | Contemporary I           |           |            |
| DANC 172                                           | Ballet I                 |           |            |
| DANC 175                                           | Hip Hop I                |           |            |
| DANC 185                                           | African I                |           |            |
| DANC 199                                           | Special Studies: [Topic] |           |            |
| <b>Credits</b>                                     |                          | <b>15</b> |            |
| <b>Total Credits</b>                               |                          | <b>44</b> |            |

Maintain an overall GPA of 2.50 or higher.

| Course                                                                     | Title           | Credits | Milestones |
|----------------------------------------------------------------------------|-----------------|---------|------------|
| <b>Second Year</b>                                                         |                 |         |            |
| <b>Fall</b>                                                                |                 |         |            |
| First term of second-year second-language sequence                         |                 | 4       |            |
| General-education course in arts and letters that doubles as multicultural |                 | 4       |            |
| General-education course in science                                        |                 | 4       |            |
| Choose two from the following:                                             |                 | 2       |            |
| DANC 270                                                                   | Contemporary II |         |            |

|                                                                          |                          |           |  |
|--------------------------------------------------------------------------|--------------------------|-----------|--|
| DANC 272                                                                 | Ballet II                |           |  |
| DANC 275                                                                 | Hip Hop II               |           |  |
| DANC 399                                                                 | Special Studies: [Topic] |           |  |
| DAN 355                                                                  | Dance Production II      | 1         |  |
| <b>Credits</b>                                                           |                          | <b>15</b> |  |
| <b>Winter</b>                                                            |                          |           |  |
| Second term of second-year second-language sequence                      |                          | 4         |  |
| General-education course in science                                      |                          | 4         |  |
| General-education course in social science that doubles as multicultural |                          | 4         |  |
| Choose two from the following:                                           |                          | 2         |  |
| DANC 270                                                                 | Contemporary II          |           |  |
| DANC 272                                                                 | Ballet II                |           |  |
| DANC 275                                                                 | Hip Hop II               |           |  |
| DANC 399                                                                 | Special Studies: [Topic] |           |  |
| <b>Credits</b>                                                           |                          | <b>14</b> |  |
| <b>Spring</b>                                                            |                          |           |  |
| Third term of second-year second-language sequence                       |                          | 4         |  |
| General-education course in science                                      |                          | 4         |  |
| Multicultural course                                                     |                          | 4         |  |
| Choose two from the following:                                           |                          | 2         |  |
| DANC 270                                                                 | Contemporary II          |           |  |
| DANC 272                                                                 | Ballet II                |           |  |
| DANC 275                                                                 | Hip Hop II               |           |  |
| DANC 399                                                                 | Special Studies: [Topic] |           |  |
| Electives                                                                |                          | 2         |  |
| <b>Credits</b>                                                           |                          | <b>16</b> |  |
| <b>Total Credits</b>                                                     |                          | <b>45</b> |  |

Maintain an overall GPA of 2.50 or higher. Identify a minor, certificate program, or second major.

| Course                                       | Title                     | Credits   | Milestones |
|----------------------------------------------|---------------------------|-----------|------------|
| <b>Third Year</b>                            |                           |           |            |
| <b>Fall</b>                                  |                           |           |            |
| DAN 251                                      | Looking at Dance          | 4         |            |
| DAN 394                                      | Contemporary III          | 3         |            |
| General-education course in arts and letters |                           | 4         |            |
| General-education course in social science   |                           | 4         |            |
| <b>Credits</b>                               |                           | <b>15</b> |            |
| <b>Winter</b>                                |                           |           |            |
| DAN 252                                      | Dance Composition I       | 3         |            |
| DAN 260                                      | Anatomy of Human Movement | 4         |            |
| DAN 394                                      | Contemporary III          | 3         |            |
| Multicultural course                         |                           | 4         |            |
| <b>Credits</b>                               |                           | <b>14</b> |            |
| <b>Spring</b>                                |                           |           |            |
| DAN 352                                      | Dance Composition II      | 3         |            |
| DAN 394                                      | Contemporary III          | 3         |            |
| General-education course in arts and letters |                           | 4         |            |

|                      |           |
|----------------------|-----------|
| Elective courses     | 5         |
| <b>Credits</b>       | <b>15</b> |
| <b>Total Credits</b> | <b>44</b> |

**Maintain good academic standing and complete general-education requirements. A degree audit is recommended.**

| Course               | Title                      | Credits   | Milestones |
|----------------------|----------------------------|-----------|------------|
| <b>Fourth Year</b>   |                            |           |            |
| <b>Fall</b>          |                            |           |            |
| DAN 407              | Seminar: [Topic]           | 1         |            |
| DAN 408              | Workshop: [Topic]          | 3         |            |
| DAN 494              | Advanced Movement Practice | 3         |            |
| DAN 452              | Dance Composition III      | 3         |            |
| DAN 458              | Music for Dancers          | 3         |            |
| Elective course      |                            | 2         |            |
| <b>Credits</b>       |                            | <b>15</b> |            |
| <b>Winter</b>        |                            |           |            |
| DAN 360              | Dance Kinesiology          | 4         |            |
| DAN 407              | Seminar: [Topic]           | 1         |            |
| DAN 408              | Workshop: [Topic]          | 3         |            |
| DAN 494              | Advanced Movement Practice | 3         |            |
| Elective course      |                            | 4         |            |
| <b>Credits</b>       |                            | <b>15</b> |            |
| <b>Spring</b>        |                            |           |            |
| DAN 407              | Seminar: [Topic]           | 1         |            |
| DAN 408              | Workshop: [Topic]          | 3         |            |
| DAN 494              | Advanced Movement Practice | 3         |            |
| Elective courses     |                            | 5         |            |
| <b>Credits</b>       |                            | <b>12</b> |            |
| <b>Total Credits</b> |                            | <b>42</b> |            |

**Maintain good academic standing and complete major, minor, and/or certificate programs.**

## Bachelor of Science in Dance

| Course                                       | Title                             | Credits   | Milestones |
|----------------------------------------------|-----------------------------------|-----------|------------|
| <b>First Year</b>                            |                                   |           |            |
| <b>Fall</b>                                  |                                   |           |            |
| MATH 105Z                                    | Math in Society                   | 4         |            |
| WR 121Z                                      | Composition I                     | 4         |            |
| DAN 255                                      | Dance Production I                | 3         |            |
| Choose two from the following:               |                                   | 2         |            |
|                                              | DANC 170 Contemporary I           |           |            |
|                                              | DANC 172 Ballet I                 |           |            |
|                                              | DANC 175 Hip Hop I                |           |            |
|                                              | DANC 185 African I                |           |            |
|                                              | DANC 199 Special Studies: [Topic] |           |            |
| Elective course                              |                                   | 1         |            |
| <b>Credits</b>                               |                                   | <b>14</b> |            |
| <b>Winter</b>                                |                                   |           |            |
| MATH 106                                     | University Mathematics II         | 4         |            |
| General-education course in arts and letters |                                   | 4         |            |

|                                            |                            |           |
|--------------------------------------------|----------------------------|-----------|
| General-education course in social science |                            | 4         |
| Choose two from the following:             |                            | 2         |
| DANC 170 Contemporary I                    |                            |           |
| DANC 172 Ballet I                          |                            |           |
| DANC 175 Hip Hop I                         |                            |           |
| DANC 185 African I                         |                            |           |
| DANC 199 Special Studies: [Topic]          |                            |           |
| Elective course                            |                            | 1         |
| <b>Credits</b>                             |                            | <b>15</b> |
| <b>Spring</b>                              |                            |           |
| MATH 107                                   | University Mathematics III | 4         |
| WR 122Z                                    | Composition II             | 4         |
| or WR 123                                  | or College Composition III |           |
| General-education course in social science |                            | 4         |
| Choose two from the following:             |                            | 2         |
| DANC 170 Contemporary I                    |                            |           |
| DANC 172 Ballet I                          |                            |           |
| DANC 175 Hip Hop I                         |                            |           |
| DANC 185 African I                         |                            |           |
| DANC 199 Special Studies: [Topic]          |                            |           |
| Elective course                            |                            | 1         |
| <b>Credits</b>                             |                            | <b>15</b> |
| <b>Total Credits</b>                       |                            | <b>44</b> |

**Maintain an overall GPA of 2.50 or higher.**

| Course                                                                     | Title                             | Credits   | Milestones |
|----------------------------------------------------------------------------|-----------------------------------|-----------|------------|
| <b>Second Year</b>                                                         |                                   |           |            |
| <b>Fall</b>                                                                |                                   |           |            |
| General-education course in arts and letters that doubles as multicultural |                                   | 4         |            |
| General-education course in science                                        |                                   | 4         |            |
| Choose two from the following:                                             |                                   | 2         |            |
|                                                                            | DANC 270 Contemporary II          |           |            |
|                                                                            | DANC 272 Ballet II                |           |            |
|                                                                            | DANC 275 Hip Hop II               |           |            |
|                                                                            | DANC 399 Special Studies: [Topic] |           |            |
| DAN 355                                                                    | Dance Production II               | 1         |            |
| Elective course                                                            |                                   | 3         |            |
| <b>Credits</b>                                                             |                                   | <b>14</b> |            |
| <b>Winter</b>                                                              |                                   |           |            |
| General-education course in science                                        |                                   | 4         |            |
| General-education course in social science that doubles as multicultural   |                                   | 4         |            |
| Choose two from the following:                                             |                                   | 2         |            |
|                                                                            | DANC 270 Contemporary II          |           |            |
|                                                                            | DANC 272 Ballet II                |           |            |
|                                                                            | DANC 275 Hip Hop II               |           |            |
|                                                                            | DANC 399 Special Studies: [Topic] |           |            |
| Elective course                                                            |                                   | 4         |            |
| <b>Credits</b>                                                             |                                   | <b>14</b> |            |
| <b>Spring</b>                                                              |                                   |           |            |
| General-education course in science                                        |                                   | 4         |            |



|                                   |           |
|-----------------------------------|-----------|
| Multicultural course              | 4         |
| Choose two from the following:    | 2         |
| DANC 270 Contemporary II          |           |
| DANC 272 Ballet II                |           |
| DANC 275 Hip Hop II               |           |
| DANC 399 Special Studies: [Topic] |           |
| Electives                         | 5         |
| <b>Credits</b>                    | <b>15</b> |
| <b>Total Credits</b>              | <b>43</b> |

Maintain an overall GPA of 2.50 or higher. Identify a minor, certificate program, or second major.

| Course                                       | Title                     | Credits   | Milestones |
|----------------------------------------------|---------------------------|-----------|------------|
| <b>Third Year</b>                            |                           |           |            |
| <b>Fall</b>                                  |                           |           |            |
| DAN 251                                      | Looking at Dance          | 4         |            |
| DAN 394                                      | Contemporary III          | 3         |            |
| General-education course in arts and letters |                           | 4         |            |
| General-education course in social science   |                           | 4         |            |
| <b>Credits</b>                               |                           | <b>15</b> |            |
| <b>Winter</b>                                |                           |           |            |
| DAN 252                                      | Dance Composition I       | 3         |            |
| DAN 260                                      | Anatomy of Human Movement | 4         |            |
| DAN 394                                      | Contemporary III          | 3         |            |
| Multicultural course                         |                           | 4         |            |
| <b>Credits</b>                               |                           | <b>14</b> |            |
| <b>Spring</b>                                |                           |           |            |
| DAN 352                                      | Dance Composition II      | 3         |            |
| DAN 394                                      | Contemporary III          | 3         |            |
| General-education course in arts and letters |                           | 4         |            |
| Elective courses                             |                           | 5         |            |
| <b>Credits</b>                               |                           | <b>15</b> |            |
| <b>Total Credits</b>                         |                           | <b>44</b> |            |

Maintain good academic standing and complete general-education requirements. A degree audit is recommended.

| Course             | Title                      | Credits   | Milestones |
|--------------------|----------------------------|-----------|------------|
| <b>Fourth Year</b> |                            |           |            |
| <b>Fall</b>        |                            |           |            |
| DAN 407            | Seminar: [Topic]           | 1         |            |
| DAN 408            | Workshop: [Topic]          | 3         |            |
| DAN 494            | Advanced Movement Practice | 3         |            |
| DAN 452            | Dance Composition III      | 3         |            |
| DAN 458            | Music for Dancers          | 3         |            |
| Elective course    |                            | 2         |            |
| <b>Credits</b>     |                            | <b>15</b> |            |
| <b>Winter</b>      |                            |           |            |
| DAN 360            | Dance Kinesiology          | 4         |            |
| DAN 407            | Seminar: [Topic]           | 1         |            |
| DAN 408            | Workshop: [Topic]          | 3         |            |
| DAN 494            | Advanced Movement Practice | 3         |            |

|                      |                            |           |
|----------------------|----------------------------|-----------|
| Elective course      |                            | 4         |
| <b>Credits</b>       |                            | <b>15</b> |
| <b>Spring</b>        |                            |           |
| DAN 407              | Seminar: [Topic]           | 1         |
| DAN 408              | Workshop: [Topic]          | 3         |
| DAN 494              | Advanced Movement Practice | 3         |
| Elective courses     |                            | 5         |
| <b>Credits</b>       |                            | <b>12</b> |
| <b>Total Credits</b> |                            | <b>42</b> |

Maintain good academic standing and complete major, minor, and/or certificate programs.

## Dance (BFA)

The goal of the department is to provide comprehensive dance training within the liberal arts framework of the university. The study of dance involves intellectual, artistic, and physical development. The Department of Dance emphasizes all three areas of growth, a commitment made possible by the breadth of its curricular offerings and the depth of faculty expertise. In addition to the academic components, dance students experience the rigorous professional discipline that is inherent in studio classes. The department explores diverse idioms in dance: African dance and drumming, ballet, contact improvisation, contemporary, jazz, hip-hop, modern, partnering, and Salsa.

Regardless of a student's career goals, education in dance at the University of Oregon provides the opportunity to develop motivation and self-discipline, intellectual curiosity, and creative imagination. These attributes are essential not only for a successful career but also for experiencing a fulfilling life.

### Program's Admission Requirements

Please visit the program's website (<https://musicanddance.uoregon.edu/apply/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Synthesize approaches to dance through immersion in multiple dance forms, performance, creative practice, and theory.
- Contextualize and understand dance from philosophical and cultural perspectives.
- Cultivate awareness and responsibility as a global dance citizen.
- Engage in music, science and somatics, history and culture, pedagogy and production of dance.
- Communicate about dance through writing, speaking, embodied practice, and creative inquiry.

Courses required for a dance major must be taken for letter grades when that option is available. A grade of P must be earned in courses designated pass/no pass (P/N) only.

### Bachelor of Fine Arts in Dance

| Code                         | Title          | Credits   |
|------------------------------|----------------|-----------|
| <b>Technique<sup>1</sup></b> |                | <b>42</b> |
| DANC 170                     | Contemporary I |           |

|                          |                                                          |            |
|--------------------------|----------------------------------------------------------|------------|
| DANC 270                 | Contemporary II                                          |            |
| DANC 370                 | Contemporary III                                         |            |
| DANC 172                 | Ballet I                                                 |            |
| DANC 272                 | Ballet II                                                |            |
| DANC 372                 | Ballet III                                               |            |
| DANC 175                 | Hip Hop I                                                |            |
| DANC 275                 | Hip Hop II                                               |            |
| DANC 375                 | Hip hop III                                              |            |
| DANC 185                 | African I                                                |            |
| DANC 285                 | African II                                               |            |
| DANC 199                 | Special Studies: [Topic]                                 |            |
| DANC 299                 | Special Studies: [Topic]                                 |            |
| DANC 399                 | Special Studies: [Topic]                                 |            |
| DAN 494                  | Advanced Movement Practice (Three Times)                 |            |
| <b>Performance</b>       |                                                          | <b>27</b>  |
| DAN 280                  | Dance Loft Performance                                   |            |
| DAN 380                  | Student Dance Concert Performance                        |            |
| DAN 408                  | Workshop: [Topic]                                        |            |
| DAN 436                  | Dema African Performance Ensemble: [Topic] (Three Times) |            |
| DAN 480 Faculty          | Dance Concert Performance                                | 2          |
| DAN 486                  | Student Dance Collective: [Topic] (Three Times)          |            |
| <b>Creative Practice</b> |                                                          | <b>14</b>  |
| DAN 171                  | Dance Improvisation: [Topic]                             |            |
| DAN 271                  | Contact Improvisation: [Topic]                           |            |
| DAN 252                  | Dance Composition I                                      |            |
| DAN 352                  | Dance Composition II                                     |            |
| DAN 412                  | Student Dance Concert                                    |            |
| DAN 452                  | Dance Composition III                                    |            |
| <b>Theory</b>            |                                                          | <b>50</b>  |
| DAN 125                  | First Year Seminar: [Topic] (Three Times)                |            |
| DAN 241                  | Screendance: History and Theory                          |            |
| DAN 251                  | Looking at Dance                                         |            |
| DAN 255                  | Dance Production I                                       |            |
| DAN 256 Dance            | Somatics                                                 | 3          |
| DAN 258                  | Musical Elements of Dance                                |            |
| DAN 260                  | Anatomy of Human Movement                                |            |
| DAN 301                  | African Dance Aesthetics                                 |            |
| DAN 355                  | Dance Production II                                      |            |
| DAN 360                  | Dance Kinesiology                                        |            |
| DAN 425                  | Senior Seminar: [Topic] (Three Times)                    |            |
| DAN 443                  | Dance and Power                                          |            |
| DAN 444                  | Contemporary Issues in Dance                             |            |
| DAN 458                  | Music for Dancers                                        |            |
| DAN 491                  | Teaching Dance                                           |            |
| DAN 404                  | Internship: [Topic]                                      |            |
| <b>Total Credits</b>     |                                                          | <b>138</b> |

<sup>1</sup> 18 credits minimum in upper division. 6 courses minimum per idiom in DANC.

All courses listed are required unless noted as Electives e.g. DANC 199 Special Studies: Topic, DANC 399 Special Studies: Topic, and DAN 410 Loft.

All Technique courses must be taken in sequence. Students can test out of a level through a Placement Class, but must meet the same number of credits in the dance Technique category in that same idiom e.g. African, or Ballet etc.

Performance courses; DAN 480 Dance Repertory, DAN 481 Repertory Company: Rehearsal, and DAN 482 Repertory Company: Touring must be taken in that sequence.

The Creative Practices must be taken in sequence in this order; DANC 171 Dance Improvisation, DANC 271 Contact Improvisation, DAN 351 Dance Composition 1, DAN 352 Dance Composition 2, DAN 452 Dance Composition 3, and DAN 412 Student Concert.

There is some flexibility within the Theory courses, but the following courses must be taken in sequence (\*see Course-to-Course Pre-requisites listed previously):

History and Culture; DAN 251 Looking at Dance is a pre-requisite for DAN 453 Dance and Power and DAN 454 Contemporary Issues in Dance,

Science and Somatics; DAN 260 Anatomy of Human Movement is a pre-requisite for DAN 360 Dance Kinesiology,

Music; DAN 252 Fundamentals of Rhythm is a pre-requisite for DAN 458 Music for Dancers,

Production; DAN 255 Dance Production 1 is a pre-requisite for DAN 355 Dance Production 2.

No tracks or concentrations.

Electives: BFA in Dance majors can take DANC 199 and DANC 399 Special Studies: Topic, which might include dance techniques outside the core curriculum e.g. hip-hop, Salsa, Partnering, Pointe, or Conditioning.

They can also take DAN 410 Loft, where they choreograph for semi-formal live performances offered twice per year under a faculty mentor.

BFA in Dance students will also be provided a recommended list of elective course options outside the Dance department in such areas as; Music, Art, Theatre, Women and Gender Studies, and Journalism.

## Dance Minor

The goal of the department is to provide comprehensive dance training within the liberal arts framework of the university. The study of dance involves intellectual, artistic, and physical development. The Department of Dance emphasizes all three areas of growth, a commitment made possible by the breadth of its curricular offerings and the depth of faculty expertise. In addition to the academic components, dance students experience the rigorous professional discipline that is inherent in studio classes. The department explores diverse idioms in dance: African dance and drumming, ballet, contact improvisation, contemporary, jazz, hip-hop, modern, partnering, and Salsa.

The dance minor is available to undergraduate students who want to combine an interest in dance with a major in another area of study. The minor allows students flexibility in constructing a program of courses to enhance and complement any chosen major.

## Program's Admission Requirements

Please visit the program's website (<https://musicanddance.uoregon.edu/admissions/dance/>).

## Dance Minor Requirements

Dance courses applied to the minor must be passed with a grade of C– or better. Most upper-division courses have prerequisites, corequisites, or both. Minors are encouraged to take Looking at Dance (DAN 251) as an arts and letters group-satisfying course and Anatomy of Human Movement (DAN 260) as a science group-satisfying course to enrich their understanding of dance, even though these courses do not count toward the minimum 26 credits required for the minor.

| Code                         | Title                                      | Credits   |
|------------------------------|--------------------------------------------|-----------|
| <b>Technique<sup>1</sup></b> |                                            | <b>9</b>  |
| DANC 170                     | Contemporary I                             |           |
| DANC 270                     | Contemporary II                            |           |
| DANC 370                     | Contemporary III                           |           |
| DANC 172                     | Ballet I                                   |           |
| DANC 272                     | Ballet II                                  |           |
| DANC 372                     | Ballet III                                 |           |
| DANC 175                     | Hip Hop I                                  |           |
| DANC 275                     | Hip Hop II                                 |           |
| DANC 375                     | Hip hop III                                |           |
| DANC 185                     | African I                                  |           |
| DANC 285                     | African II                                 |           |
| DANC 199                     | Special Studies: [Topic]                   |           |
| DANC 299                     | Special Studies: [Topic]                   |           |
| DANC 399                     | Special Studies: [Topic]                   |           |
| DAN 494                      | Advanced Movement Practice                 |           |
| <b>Performance</b>           |                                            | <b>2</b>  |
| DAN 380                      | Student Dance Concert Performance          |           |
| DAN 408                      | Workshop: [Topic]                          |           |
| DAN 436                      | Dema African Performance Ensemble: [Topic] |           |
| DAN 480                      | Faculty Dance Concert Performance          |           |
| DAN 486                      | Student Dance Collective: [Topic]          |           |
| <b>Creative Practice</b>     |                                            | <b>1</b>  |
| DAN 171                      | Dance Improvisation: [Topic]               |           |
| <b>Theory<sup>2</sup></b>    |                                            | <b>14</b> |
| DAN 241                      | Screendance: History and Theory            |           |
| DAN 251                      | Looking at Dance                           |           |
| DAN 255                      | Dance Production I                         |           |
| DAN 256                      | Dance Somatics                             |           |
| DAN 258                      | Musical Elements of Dance                  |           |
| DAN 260                      | Anatomy of Human Movement                  |           |
| DAN 301                      | African Dance Aesthetics                   |           |
| DAN 355                      | Dance Production II                        |           |
| DAN 360                      | Dance Kinesiology                          |           |
| DAN 443                      | Dance and Power                            |           |
| DAN 444                      | Contemporary Issues in Dance               |           |
| DAN 458                      | Music for Dancers                          |           |
| DAN 491                      | Teaching Dance                             |           |
| <b>Total Credits</b>         |                                            | <b>26</b> |

- <sup>1</sup> 6 credits minimum in upper division. 1 course per idiom minimum in DANC.
- <sup>2</sup> 4 credits minimum in upper division.

## Teaching Dance Certificate

The goal of the department is to provide comprehensive dance training within the liberal arts framework of the university. The study of dance involves intellectual, artistic, and physical development. The Department of Dance emphasizes all three areas of growth, a commitment made possible by the breadth of its curricular offerings and the depth of faculty expertise. In addition to the academic components, dance students experience the rigorous professional discipline that is inherent in studio classes. The department explores diverse idioms in dance: African dance and drumming, ballet, contact improvisation, contemporary, jazz, hip-hop, modern, partnering, and Salsa.

Regardless of a student's career goals, education in dance at the University of Oregon provides the opportunity to develop motivation and self-discipline, intellectual curiosity, and creative imagination. These attributes are essential not only for a successful career but also for experiencing a fulfilling life.

### Program's Admission Requirements

Please visit the program's website (<https://musicanddance.uoregon.edu/apply/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Synthesize approaches to dance through immersion in multiple dance forms, performance, creative practice and theory.
- Contextualize and understand dance from philosophical and cultural perspectives.
- Cultivate awareness and responsibility as a global dance citizen.
- Engage in music, science and somatics, history and culture, pedagogy and production of dance.
- Communicate about dance through writing, speaking, embodied practice, and creative inquiry.
- Develop a pedagogy which engages the outcomes above.

## Certificate in Teaching Dance

The certificate is a residency program. The following courses must be taken in residence at the UO. Required course work totals 42 credits minimum and includes 34 upper-division credits, 17 of which are at the 400 level.

Dance courses applied to the certificate must be passed with a grade of C– or better. Students working toward their certificates are encouraged to take Looking at Dance (DAN 251) as an arts and letters area-satisfying course and to follow up with DAN 454. They are further encouraged to take Dance Kinesiology (DAN 360) and, Music for Dancers (DAN 458), even though these courses do not count toward the minimum 42 credits required.

| Code                         | Title           | Credits   |
|------------------------------|-----------------|-----------|
| <b>Technique<sup>1</sup></b> |                 | <b>15</b> |
| DANC 170                     | Contemporary I  |           |
| DANC 270                     | Contemporary II |           |

|                          |                                          |           |
|--------------------------|------------------------------------------|-----------|
| DANC 370                 | Contemporary III                         |           |
| DANC 172                 | Ballet I                                 |           |
| DANC 272                 | Ballet II                                |           |
| DANC 372                 | Ballet III                               |           |
| DANC 175                 | Hip Hop I                                |           |
| DANC 275                 | Hip Hop II                               |           |
| DANC 375                 | Hip hop III                              |           |
| DANC 185                 | African I                                |           |
| DANC 285                 | African II                               |           |
| DANC 199                 | Special Studies: [Topic]                 |           |
| DANC 299                 | Special Studies: [Topic]                 |           |
| DANC 399                 | Special Studies: [Topic]                 |           |
| DAN 494                  | Advanced Movement Practice (Three Times) |           |
| <b>Performance</b>       |                                          | <b>3</b>  |
| DAN 380                  | Student Dance Concert Performance        |           |
| DAN 408                  | Workshop: [Topic]                        |           |
| DAN 480                  | Faculty Dance Concert Performance        |           |
| <b>Creative Practice</b> |                                          | <b>8</b>  |
| DAN 171                  | Dance Improvisation: [Topic]             |           |
| DAN 271                  | Contact Improvisation: [Topic]           |           |
| DAN 252                  | Dance Composition I                      |           |
| DAN 352                  | Dance Composition II                     |           |
| <b>Theory</b>            |                                          | <b>19</b> |
| DAN 255                  | Dance Production I                       |           |
| DAN 258                  | Musical Elements of Dance                |           |
| DAN 260                  | Anatomy of Human Movement                |           |
| DAN 355                  | Dance Production II                      |           |
| DAN 360                  | Dance Kinesiology                        |           |
| DAN 491                  | Teaching Dance                           |           |
| DAN 404                  | Internship: [Topic] (Two Terms)          |           |
| <b>Total Credits</b>     |                                          | <b>45</b> |

<sup>1</sup> 12 credits minimum in upper division. 1 course minimum per idiom in DANC. 9 credits required DAN 494.

## Music

### Jack Boss, Department Head

Department of Academic Music  
208 MarAbel B. Frohnmayer Music Building  
541-346-5654  
jfboss@uoregon.edu

### Sharon Paul, Department Head

Department of Music Performance  
127 MarAbel B. Frohnmayer Music Building  
541-346-3786  
sjpaul@uoregon.edu

Our teaching is engaging, inclusive, and research-led. We seek to cultivate a synergy between academic and creative pursuits. We welcome risk-takers. We strive to experiment and invest in new creations while critically examining existing work. We look for opportunities to share music-dance knowledge and value all lived experience, all forms of education, and all fields of study that inform our artistic pursuits. We work

to build and maintain a supportive environment so that our musicians and dancers feel safe to explore and flourish. The community is our classroom. Our area is full of off-campus arts organizations, performance venues, and creative opportunities, connecting student artists with the skills and information they need to effect positive change within their communities and move the fields of music and dance forward.

## Faculty

D. Tyler Abbott, senior instructor II (double bass, jazz string bass). BM, 1999, Eastern Washington; MM, 2003, Oregon. (2003)

Barbara Myers Baird, senior instructor (piano, harpsichord, music appreciation). BMus, 1971, Texas Christian; MMus, 1976, Southern Methodist; DMA, 1988, Oregon. (1986)

Jon Paul Bellona, senior instructor I (music technology). BA, 2003, Hamilton College; MM, 2011, Oregon; PhD, 2018, Virginia. (2017)

Jack Boss, professor (theory, composition). BMus, 1979, MMus, 1981, Ohio State; PhD, 1991, Yale. (1995)

Andiel Brown, instructor (gospel choirs). BMus, 2008, Oregon. (2008)

Keith Brown, assistant professor (jazz & contemporary piano). BM, 2009, MM 2011 Tennessee, Knoxville. (2022)

Melissa Brunkan, associate professor (choral music education). BM, 1995, Minnesota; MMus, 1999, Northwestern; PhD, 2012, Kansas. (2017)

Gustavo Castro-Ramirez, vocal coach and accompanist (voice and piano). MMus, Costa Rica, 2006; MMus, Florida, 2007; MMus, Florida, 2009; DMA, Texas, 2012. (2022)

Sunmi Chang, assistant professor (violin). BMus, 2005; MMus, Yale, 2008; DMA, 2020, Michigan. (2023)

Kwan Leong "Pius" Cheung, associate professor (percussion). BMus, 2004, Curtis Institute; Artist Diploma, 2006, Boston Conservatory; DMA, 2010, Michigan, Ann Arbor. (2011)

Jacqueline Cordova-Arrington, assistant professor (flute). BM, 2008, Michigan; MM, 2010, Cincinnati; DMA, 2015, Eastman School of Music. (2018)

David Crumb, professor (composition, theory). BM, 1985, Eastman School of Music; MA, 1991, PhD, 1992, Pennsylvania. (1997)

Alexandre Dossin, professor (piano, piano literature). MFA, 1996, Moscow Tchaikovsky Conservatory; DMA, 2001, Texas, Austin. (2006)

Karen Esquivel, senior instructor (opera, voice). BS, 1978, Nebraska, Lincoln; MM, 1990, 2006, DMA, 2009, Florida State. (2011)

Abigail Fine, assistant professor (musicology). BA, 2010, Pennsylvania; PhD, 2017, Chicago. (2019)

Arnaud Ghillebaert, instructor (viola). DEM, 2006, National Regional Conservatory, Saint-Maur-des-Fossés; MPerf, 2008, Royal College of Music; DMA, 2016, State University of New York, Stony Brook. (2017)

Margret Gries, instructor (musicology, collegium musicum). BA, 1969, Pacific Lutheran; MMus, 1985, Central Washington; PhD, 2012, Oregon. (2012)

Michael Grose, professor (tuba, music appreciation); associate dean, undergraduate studies; summer session coordinator. BM, 1984, MM, 1985, Northwestern. (2001)

Hal Grossman, associate professor (violin). BM, 1981, Michigan; MM, 1985, Eastman School of Music. (2019)

Akiko Hatakeyama, associate professor (music technology). Associate's degree, 1994, Otsuma Women's; AA, 2006, Community College of Philadelphia; BA, 2009, Mills College; MA, 2011, Wesleyan; MA, 2013, Brown. (2016)

Henry Henniger, associate professor (trombone). BM, 2002, Indiana, Bloomington; MM, 2004, Manhattan School of Music. (2010)

Grace Ho, instructor (secondary piano and piano pedagogy). BMus, 2001, Biola; MMus, 2004, Indiana; DMA 2013, Oregon. (2021)

Habib Iddrisu, assistant professor (African dance and music, ethnomusicology). BA, 2002, MA, 2004, Bowling Green State; PhD, 2011, Northwestern. (2013)

David Jacobs, associate professor (conducting, orchestra); director, orchestral studies. BM, 2000, Duquesne; MA, 2002, Central Florida; DMA, 2011, Eastman School of Music. (2012)

Wonkak Kim, assistant professor (clarinet). BMus, BA, 2007, North Carolina, Chapel Hill; MMus, 2009, DM, 2012, Florida State. (2017)

Tobias Koenigsberg, associate professor (jazz piano, jazz studies); associate director, jazz studies. BMus, 1998, Oregon; MM, 2003, Eastman School of Music. (2003)

Lori Kruckenberg, professor (musicology). BA, 1985, Bethany (Kansas); MA, 1991, PhD, 1997, Iowa. (2001)

Paul Krueger, assistant professor (jazz history, jazz studies); director, jazz studies. BME, 2009, Nebraska, Lincoln; MMus, 2011, Oregon. (2016)

Robert Kyr, professor (composition, theory); director, Pacific Rim Gamelan, Vanguard Concert Series, Music Today Festival. BA, 1974, Yale; postgraduate certificate, 1976, Royal College of Music; MA, 1980, Pennsylvania; PhD, 1989, Harvard. (1990)

Dennis Llinás, associate professor (conducting); director of bands. BME, 2003, Florida International; MM, 2010, Texas, Austin; DMA, 2012, Texas, Austin. (2019)

Brian McWhorter, professor (music appreciation). BMus, 1998, Oregon; MM, 2000, Juilliard. (2006)

Eric Mentzel, professor (voice, diction, collegium musicum). BM, 1980, Temple; MFA, 1983, Sarah Lawrence. (2002)

Lance Miller, senior sound and video recording engineer (audio recording). AA, 1982, Mt. Hood Community. (1998)

Rosanna Moore, instructor (harp). BMus, 2007, Royal Northern College of Music; MM, 2014, Eastman; DMA, Performer's Certificate, 2019, Eastman. (2020)

Drew Nobile, associate professor (theory, musicianship). ScB, 2007, Brown; MA, 2009, Washington (Seattle); PhD, 2014, City University of New York, Graduate Center. (2015)

Camille Ortiz, assistant professor (voice, solo vocal music). BM, 2004, Oral Roberts; MM, 2007 Manhattan School of Music; DMA, 2017, University of North Texas College of Music. (2020)

Stephen W. Owen, professor (jazz studies). BMusEd, 1980, North Texas State; MMus, 1985, Northern Colorado. (1988)

Timothy Pack, senior instructor II (theory, musicianship). BA, 1993, Huntingdon College; MM, 1998, Westminster Choir College, Rider; PhD, 2005, Indiana, Bloomington. (2005)

Sharon J. Paul, Robert M. Trotter Chair of Music; professor (choral conducting); director, choral activities. BA, 1978, Pomona; MFA, 1981, California, Los Angeles; DMA, 1984, Stanford. (2000)

Melissa Peña, associate professor (oboe, music appreciation). BM, 1996, Illinois, Urbana-Champaign; MM, 1998, Missouri, Kansas City. (2012)

Craig Phillips, associate professor (voice, pedagogy, diction). BMus, 1993, Appalachian State; MMus, 1998, College-Conservatory of Music, Cincinnati; DMA, 2017, North Carolina, Greensboro. (2017)

Steven Pologe, professor (cello, chamber music). BM, 1974, Eastman School of Music; MM, 1978, Juilliard School. (1993)

Jesús Ramos-Kittrell, assistant professor (musicology). BM 1998, MM 2001, PhD 2006, Texas, Austin. (2022)

David Riley, professor (collaborative piano). BM, 1992, Ithaca College; MM, 1995, Cleveland Institute of Music; DMA, 2000, Eastman School of Music. (2004)

Holly Roberts, associate director (performance practice and instrumental programs). BMus, Arizona, 2011; MMus, Oregon, 2016; PhD, Oregon, 2020. (2022)

Lindsey Henriksen Rodgers, instructor (musicology). BA, 2003, Walla Walla; MM, 2005, Yale; PhD, 2013, Oregon. (2014)

Stephen Rodgers, Edmund A. Cykler Chair in Music, professor (music theory, musicianship). MPhil, 2001, PhD, 2005, Yale. (2005)

Miki Sasaki, assistant professor (trumpet). BM, 2013 Juilliard; MM, 2015, Yale; DMA, 2022, Texas, Austin. (2022)

Idit Shner, Philip H. Knight Professor (saxophone, jazz studies). BA, 1998, Oklahoma City; MM, 2001, Central Oklahoma; DMA, 2007, North Texas. (2005)

Jason Silveira, associate professor (instrumental music education). BM, 2002, MM, 2008, Ithaca College; PhD, 2011, Florida State. (2016)

Jeffrey Stolet, professor (music technology, intermedia collaboration); director, Future Music Oregon, CPU Concert Series. BMus, 1977, MMus, 1979, New Mexico; PhD, 1984, Texas, Austin. (1988)

Leslie Straka, professor (viola, chamber music); associate dean, graduate studies; director, Community Music Institute. BM, 1976, MM, 1978, DMA, 1987, Arizona State. (1987)

Steve Vacchi, professor (bassoon, chamber music). BM, 1990, Eastman School of Music; MM, 1993, Hartt School; DMA, 1997, Louisiana State. (2000)

Lydia Van Dreel, professor (horn). BM, 1991, Wisconsin, Madison; MM, 1993, Juilliard. (2006)



Claire L. Wachter, professor (piano pedagogy, piano). BM, 1975, Peabody Conservatory; MM, 1977, DMA, 1993, Texas, Austin. (1991)

Zach Wallmark, associate professor (musicology). BM, 2003, NYU; MA, 2007, Oregon; PhD, 2014, UCLA. (2019)

Lawrence Wayte, senior instructor (musicology). BA, 1985, Wesleyan; JD, 1988, Stanford; MA, 1999, San Francisco State; PhD, 2007, California, Los Angeles. (2008)

Beth A. Wheeler, instructor (music education). BS, 2000, Northwest Missouri State; ME, 2012, Graceland; PhD, 2016, Kansas. (2016)

Eric Wiltshire, associate professor (instrumental music education); assistant director, bands. BA, 1991, San Jose State; MA, 1994, Washington State; PhD, 2006, Washington (Seattle). (2006)

Juan Eduardo "Ed" Wolf, associate professor (ethnomusicology); coordinator, UO World Music Series. BA, BS, 1993, Notre Dame; MS, 1995, Northwestern; MA, 2007, PhD, 2013, Indiana, Bloomington. (2013)

Emeriti

Wayne Bennett, professor emeritus. BME, 1968, Oklahoma State; MM, 1969, PhD, 1974, North Texas. (1978)

Leslie T. Breidenthal, professor emeritus. BS, 1948, MA, 1949, Columbia; AMusDoc, 1965, Michigan. (1967)

David R. Case, senior instructor emeritus. BA, 1979, MA, 1984, Oregon. (1975)

Richard G. Clark, associate professor emeritus. BS, 1964, MA, 1971, Oregon; DMA, 1977, Washington (Seattle). (1982)

David P. Doerksen, associate professor emeritus. BME, 1956, Willamette; MM, 1969, Southern California; DMA, 1972, Oregon. (1983)

C. Brad Foley, professor emeritus. BA, 1975, Ball State; MM, 1977, DMA, 1983, Michigan. (2002)

J. Robert Hladky, professor emeritus. BMus, 1950, Oklahoma State; MMus, performer's certificate, 1952, AMusDoc, 1959, Eastman School of Music. (1961)

Winifred Kerner, senior instructor emerita. BA, 1978, MA, 1980, Wesleyan; MM, 1982, Michigan. (1999)

Dean F. Kramer, professor emeritus. BMus, 1973, Oberlin Conservatory; MMus, 1976, DMA, 1992, Texas, Austin. (1983)

Gary M. Martin, professor emeritus. BA, 1961, MA, 1963, Adams State; PhD, 1965, Oregon. (1966)

James A. Miller, professor emeritus. BA, 1952, Goshen; MMus, 1956, AMusDoc, 1963, Michigan. (1965)

J. Robert Moore, professor emeritus. BMusEd, 1961, MMus, 1962, Tulsa; DMA, 1980, Eastman School of Music. (1975)

Randall S. Moore, professor emeritus. BA, 1963, MA, 1965, Oregon; PhD, 1974, Florida State. (1974)

Harold Owen, professor emeritus. BMus, 1955, MMus, 1957, DMA, 1972, Southern California. (1966)

Robert D. Ponto, professor emeritus. BME, 1979, Wisconsin, Eau Claire; MM, 1985, Michigan, Ann Arbor. (1992)

George W. Recker, associate professor emeritus. Former principal trumpet, Kennedy Center Opera House Orchestra, Florida State University, George Peabody College, 1964–69. (1983)

H. Royce Saltzman, professor emeritus. BA, 1950, Goshen; MMus, 1954, Northwestern; DMA, 1964, Southern California. (1964)

Marian Elizabeth Smith, professor emerita. BA, 1976, Carleton; BMus, 1980, Texas, Austin; PhD, 1988, Yale. (1988)

Victor Steinhardt, professor emeritus. BMus, 1964, Mount St. Mary's; MA, 1967, California, Los Angeles. (1968)

Stephen Stone, associate professor and assistant dean emeritus. BS, 1949, MS, 1956, DMA, 1971, Oregon. (1976)

Ann Tedards, professor emerita. AB, 1970, Sweet Briar; MM, 1972, North Carolina, Chapel Hill; DMA, 1997, Peabody Conservatory of Music, Johns Hopkins. (1987)

Richard Trombley, associate professor emeritus. BS, 1961, Juilliard School; MMus, 1962, Manhattan School; DMA, 1977, Stanford. (1963)

Mary Lou Van Rysselberghe, senior instructor emerita. BMus, 1956, MMus, 1976, Oregon. (1977)

Milagro Vargas, professor emerita. BM, 1977, Oberlin Conservatory; MM, 1981, Eastman School of Music. (1992)

Jeffrey Williams, professor emeritus. BMus, 1965, North Texas; MS, 1966, Illinois; DMA, 1974, North Texas. (1980)

Carl Woideck, senior instructor emeritus. BMus, 1981, MS, 1989, Oregon. (1996)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

Participating

Ann B. Shaffer, library

Fees

| Other Fees (per term)                                                | Dollars      |
|----------------------------------------------------------------------|--------------|
| Private performance studies (studio instruction) per term            | 200-400/term |
| Ensemble fee                                                         | 50-80        |
| Music education course fee                                           | 50-300       |
| Keyboard skills course fee                                           | 20           |
| MIDI music lab course fee                                            | 110          |
| Audio recording lab course fee                                       | 100-110      |
| Electronic studio course fee                                         | 110-125      |
| Recital fee (per recital)                                            | 90           |
| Instrument locker fee                                                | 8-25         |
| Other music course fees                                              | 50-150       |
| Dance course fee                                                     | 75           |
| Instrument fee per term for harpsichord, organ, classical percussion | 50           |

Rental of university instruments is based on use and value—maximum fee

Short-term instrument rental (per week) 10

Summer instrument rental 60

Oregon Marching Band uniforms and equipment fee 45–180

## Performance Studies

Courses in performance studies are listed with the MUP subject code. Fees are required. These courses customarily include weekly lessons and studio master classes. MUP courses fall into two general categories:

- Basic and Intermediate Performance Studies: MUP 114, 115.
- Performance Studies: MUP 165, 265, 270, 365, 465, 635, 650, 665, 765.

Enrollment in any performance studies registration number between 165 - 765 must be preceded by an audition. Auditions are conducted to establish the appropriate registration number.

Students must register for at least 2 credits of performance study. Students will receive a minimum of nine lessons per term.

Enrollment in performance studies is sometimes limited because of faculty teaching loads. Under such circumstances, priority is given to continuing music majors. Students who are not assigned to a faculty member may study with a graduate employee for credit at extra cost.

Undergraduate Music Performance and Music Education students advance from one registration number to the next through area juries.

Performance studies courses carry 2 or 4 credits per term. Students giving recitals must be enrolled in performance studies. During the term of the recital, students may not enroll in Reading and Conference: [Topic] (MUS 405) or Reading and Conference: [Topic] (MUS 605) in preparation for their recital. Pre-recital hearings are required to evaluate the student's readiness for public performance. After the recital, a faculty evaluation is required. If approval is given, the recital is formally acknowledged as a fulfilled degree requirement.

For details concerning specific registration numbers, repertory, and any other questions, please contact the individual studio faculty members.

Music Performance majors whose primary instrument is piano have an accompanying requirement, described under the Bachelor of Music in Music Performance heading in the Undergraduate section.

## Undergraduate Programs

### Majors - Bachelor's Degree

- Music (BA/BS) (p. 586)
- Music Composition (BMus) (p. 596)
- Music Education (BMME) (p. 599)
- Music: Jazz Studies (BMus) (p. 605)
- Music Performance (BMus) (p. 602)
- Popular Music (BA/BS) (p. 608)

## Minors

- Music (p. 610)
- Music Production (p. 610)
- Music Technology (p. 610)

A detailed checklist of requirements for each undergraduate degree is available online.

Students who want a conservatory-style education in music should work toward the bachelor of music (BMus) degree or a music major with the music history and literature concentration, music theory concentration or music technology concentration. The bachelor of arts (BA) and bachelor of science (BS) degrees with the general music concentration or popular music studies concentration are primarily for students who want a broad liberal arts education while majoring in music.

## Ensembles

Course numbers through 499 are undergraduate-level courses; 500-, 600-, and 700-level courses are graduate-level courses.

| Code        | Title                              | Credits |
|-------------|------------------------------------|---------|
| MUJ 391/691 | Jazz Laboratory Band II            | 1       |
| MUJ 392/692 | Oregon Jazz Ensemble               | 1-2     |
| MUJ 395/695 | Small Jazz Ensemble: [Topic]       | 1-2     |
| MUS 391/691 | Collegium Musicum                  | 1-3     |
| MUS 393     | Oregon Electronic Device Orchestra | 2       |
| MUS 394/694 | Chamber Ensemble: [Topic]          | 1       |
| MUS 395/695 | Band: [Topic]                      | 1-2     |
| MUS 396/696 | Orchestra: [Topic]                 | 2       |
| MUS 397/697 | Chorus: [Topic]                    | 2       |
| MUS 398/698 | Opera Workshop                     | 2       |
| MUS 490/590 | Balinese Gamelan                   | 2       |

## Admission

Students who are eligible for admission to the university may apply to the School of Music and Dance as music majors. For information about admission to the University of Oregon, refer to the Admissions (p. 13) section of this catalog.

## Application Procedure

1. Complete the University of Oregon application for admission
2. Review the school's undergraduate music major admission requirements (<http://music.uoregon.edu/apply/undergraduate-music/>)
3. Complete the school's online application (<http://music.uoregon.edu/apply/undergraduate-music/>)

Early action—submit UO and School of Music and Dance applications November 1

Early action—undergraduate auditions; recorded auditions and music technology portfolios Mid-November

School of Music and Dance standard application deadline January 15

Undergraduate audition days; recorded auditions and music technology portfolios due Late January through February

School of Music and Dance mails admission and scholarship offers April 1

For audition dates and submission deadlines for recordings and portfolios, visit the undergraduate music admissions website.

Auditions

In many degree programs, the audition is the most important factor in determining admission to the School of Music and Dance. As part of the admission process, applicants to most music degree programs must either audition (in person or via recording) or submit a portfolio (the option for applicants to the music technology program). Students who submit recorded auditions may be required to audition in person upon arrival on campus. Auditions for admission are held in November, January, and February. Each student who auditions for admission is automatically considered for a music scholarship. For more detailed information about repertory and procedure, visit the School of Music and Dance admissions website (<http://music.uoregon.edu/apply/undergraduate-music/>). (<http://music.uoregon.edu/apply/>)

An audition is not required for admission to the BA or BS in music with Theory, History & Literature, General Music or Popular Music Studies concentrations. However, the Theory and History & Literature concentrations do have specific requirements for continuation in the program. See the Music Degree Program Continued Enrollment Requirements section below for details.

Jazz Studies

Students who want to enter the jazz studies major have a jazz audition. In addition, a placement examination specific to jazz studies is required of transfer students wishing to enter the program.

Music Technology

Students who want to enter the music technology program must submit a portfolio. A classical audition is not required for admittance to the bachelor or science music technology degree program. However, students admitted only on the basis of a portfolio are only considered for the music technology program and are not eligible to pursue other degree programs within the school.

English Language Proficiency

Scores for the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) are required for students whose first language is not English. For admittance as an undergraduate music major, English language proficiency requirements must be met by one of the following: a minimum total TOEFL score of 575 on the paper-based test or a minimum total score of 88 on the Internet-based test; a minimum total score of 7.0 on the International English Language Testing System (IELTS); or completion of all required Academic English for International Students (AEIS) course work.

Placement Examinations

Incoming music majors may take a musicianship diagnostic, which is designed to assess basic skills in theory, ear training and keyboard skills. All transfer students are required to take a music core placement examination, which determines level placement in music theory, aural skills, and keyboard skills courses. Exceptions may be made for students from institutions with whom the School of Music and Dance has a program articulation agreement, including Lane Community College and Mt. Hood Community College. For details, students should consult the Undergraduate Office (<https://music.uoregon.edu/>

[current-students/undergraduate-music-students/](https://music.uoregon.edu/current-students/undergraduate-music-students/)). Incoming freshman students may choose to take the music core placement exam (for the purpose of testing out of part of the music core). Study guides for the placement are available from the music undergraduate website (<https://music.uoregon.edu/current-students/undergraduate-music-students/>).

Admission to a Specific Degree Program

Students are placed in their primary program of choice, as indicated on their School of Music and Dance application, upon Initial admission to the school. Requirements for continued enrollment in music majors vary significantly, as outlined in the chart below. Additional information is available from the undergraduate office.

Program Overlap Limitations

Due to significant curricular overlap, concurrent pursuit of the following music programs is not allowed:

- Music minor with any other major or minor program in music
- Music technology major with music technology minor
- Music technology major with music production (previously audio production) minor
- Music major with general music or popular music studies concentrations with any bachelor of music (BMus) or bachelor of music in music education (BMME) degree
- Popular Music major with Music major (BA/BS), any bachelor of music (BMus), or bachelor of music in music education (BMME) degree

In addition, it is not possible to pursue a bachelor of arts or bachelor of science in music with multiple concentrations.

Music Degree Program Continued Enrollment Requirements

| Degree Program                                                      | Continued Enrollment Requirements                                                                                                                                                                                        |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bachelor of Arts in Music (General Music Concentration)             | Passing grade of C– or better in MUS 131, MUS 132; and passing grade of C– or better in one course in the history and culture category.                                                                                  |
| Bachelor of Arts in Music (Music History and Culture Concentration) | Submit research paper and unofficial transcript to the musicology faculty; complete an interview with a member of that faculty. WR 121Z must be completed and the Music Core courses passed with a grade of C or better. |
| Bachelor of Arts in Music (Music Theory Concentration)              | Complete an interview with a member of the Theory faculty. The second-year music theory core (theory, aural skills) must be taken in residence and passed with grades of B– or better.                                   |
| Bachelor of Arts in Music (Popular Music Studies Concentration)     | Passing grade of C- or better in one of the following: MUS 131, MUS 141, MUS 151, MUJ 180; and passing grade of C– or better in any one course in the history and culture category.                                      |

|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bachelor of Science in Music (Music Technology Concentration) | Three audio recordings of recent compositions (audio or visual formats)—candidates who have completed MUS 447, MUS 448 may submit two compositions; one- to two-page description of experience with electronic and computer musical instruments, audio recording, or related software, and reasons for enrolling in this option; list of software and hardware in which the student has experience and the level of expertise with each. |
| Bachelor of Music in Music Composition                        | Complete the Music Core courses with grades of C- or better. Complete the Composition I series (MUS 240, MUS 241, MUS 242) with grades of B- or better.                                                                                                                                                                                                                                                                                  |
| Bachelor of Music in Music: Jazz Studies                      | Successful completion of sophomore and junior proficiency examinations.                                                                                                                                                                                                                                                                                                                                                                  |
| Bachelor of Music in Music Education                          | In addition to two-year musicianship and history and culture core, successful completion of Foundations of Music Education (MUE 326) with grade of B- or better. Application to degree program, audition, and interview. Students who have not made satisfactory progress may apply one time only.                                                                                                                                       |
| Bachelor of Music in Music: Performance (Brass)               | Successful jury to the MUP 465 level.                                                                                                                                                                                                                                                                                                                                                                                                    |
| Bachelor of Music in Music: Performance (Guitar)              | Successful jury to the MUP 465 level.                                                                                                                                                                                                                                                                                                                                                                                                    |
| Bachelor of Music in Music: Performance (Keyboard)            | Successful jury to the MUP 465 level.                                                                                                                                                                                                                                                                                                                                                                                                    |
| Bachelor of Music in Music: Performance (Percussion)          | Successful jury to the MUP 465 level.                                                                                                                                                                                                                                                                                                                                                                                                    |
| Bachelor of Music in Music: Performance (Strings)             | Successful jury to the MUP 465 level.                                                                                                                                                                                                                                                                                                                                                                                                    |
| Bachelor of Music in Music: Performance (Voice)               | Successful jury to the MUP 465 level.                                                                                                                                                                                                                                                                                                                                                                                                    |
| Bachelor of Music in Music: Performance (Woodwinds)           | Successful jury to the MUP 465 level.                                                                                                                                                                                                                                                                                                                                                                                                    |

## Program Requirements

### Accompanying Requirement for Piano Students

Music Performance majors whose primary instrument is piano have an accompanying requirement, described under the Bachelor of Music in Music Performance heading in the Undergraduate section.

### Ensemble Requirements for Music Majors

Performance studies and ensemble requirements vary by program. A detailed checklist of requirements for each undergraduate degree is available online (<http://music.uoregon.edu/current-students/>)

[undergraduate-music-students/undergraduate-checklists/](#)). Students must audition for ensemble placement before each fall term, and may also be required to re-audition before each spring term.

### Instrumental Majors

Ensembles that satisfy this requirement are

- University Symphony Orchestra
- Oregon Wind Symphony
- Oregon Symphonic Band

### Voice Majors

Ensembles that satisfy this requirement are

- University Singers
- Chamber Choir
- Repertoire Singers
- Women's Choir

Assignments take into account the student's preference, level of ability, major performance medium, educational and musical needs, and the needs of the school's ensembles.

### Ensemble Credits for Transfer Students

A limited number of ensemble credits may be transferred:

**BA in Music (General Music Concentration)**—three of the required six terms may be transferred (see checklist for transfer credit limitations)

**BA in Music (Music History and Literature Concentration)**—all three of the required terms must be completed in residence

**BA in Music (Music Theory Concentration)**—all three of the required terms must be completed in residence

**BA in Music (Popular Music Studies Concentration)**—two of the required four terms may be transferred (see checklist for transfer credit limitations)

**BS in Music (General Music Concentration)**—three of the required six terms may be transferred (see checklist for transfer credit limitations)

**BS in Music (Music Technology Concentration)**—all three of the required terms must be completed in residence

**BS in Music (Popular Music Studies Concentration)**—two of the required four terms may be transferred (see checklist for transfer credit limitations)

**BMus in Music Composition**—three of the required nine terms may be transferred

**BMus in Music: Jazz Studies**—three of the required nine terms of small jazz ensemble may be transferred; all three of the required terms of classical ensemble may be transferred

**BMus in Music Performance**—six of the required twelve terms may be transferred

**BMME in Music Education**—three of the required nine terms may be transferred

Only one approved ensemble per term may be transferred. For the purposes of transfer, two semesters shall equal three terms of credit and one semester shall equal one term of credit.

## Exceptions to Ensemble Requirements

Students who meet one of the following exceptions are not required to audition for ensemble placement:

- Harp, classical guitar, harpsichord, and organ students may enroll in MUS 394 Chamber Ensemble: [Topic] (Chamber Ensemble) instead of the large conducted ensembles
- Jazz studies majors must enroll in three terms of classical ensembles, which may include MUS 394 Chamber Ensemble: [Topic], Band: [Topic] (MUS 395), Orchestra: [Topic] (MUS 396), or Chorus: [Topic] (MUS 397)
- With instructor approval, piano students may enroll in MUS 394 Chamber Ensemble: [Topic] (Accompanying) or MUS 421 The Collaborative Pianist, MUS 422 The Collaborative Pianist, MUS 423 The Collaborative Pianist instead of large conducted ensembles
- Composition students may enroll in three terms of gamelan in partial fulfillment of the requirement
- Studio guitar students may enroll in a chamber, studio guitar, or jazz ensemble instead of a large conducted ensemble
- Students pursuing the popular music studies concentration have nontraditional ensemble options and requirements. For details, see checklist.

Other exceptions to ensemble requirements may be considered by the ensemble petition committee after the student completes the following:

- auditions for the appropriate ensemble auditioning committee (choral or instrumental)
- submits a petition to the music undergraduate office

## Satisfactory Progress toward the Degree

Satisfactory progress toward the degree is monitored every term by the SOMD Undergraduate Office. The following conditions must be maintained for good academic standing within the department:

1. Students must maintain a 2.75 GPA for all classes taken with the subject codes MUS, MUP, MUE and MUJ within a given term.
2. Courses must be taken for a grade if the graded option is offered. Majors must earn a C– or better in every course—including courses taken outside the School of Music and Dance—that is required for their major. A student who receives a grade of D+ or worse or a mark of W (withdrawal) or I (incomplete) for a required course is placed on departmental academic warning.
3. Candidates for the BMus, BMME, BA in Music (Theory concentration), or BS in Music (Music Technology concentration) must successfully complete the two-year musicianship core (with the exception of MUS 327 Analysis) within their first two years of residence.
4. Candidates for a BMus in Music Performance or a BMME in Music Education must advance to the next performance level at least once every seven terms.

Not meeting these requirements will result in initial academic warning status. If this status is not lifted by the end of the next term in which the student has had the opportunity to remedy the situation, the student will move on to a level II departmental academic warning. Failure to improve per conditions set forth in an advising plan following the warning will

move the student onto probationary status and subsequent failure to improve thereafter will result in dismissal from the music major.

Reinstatement to the major may occur upon review by the SOMD Undergraduate Office and determination that the student has fulfilled the conditions listed above for satisfactory standing.

Undergraduate music majors re-enrolling after two or more consecutive terms of non-enrollment in the music major curriculum (excluding summer session) are required to petition for readmission to the music major. Depending on the results of this petition, a student may be required to reapply for music major admission through standard music admission processes or re-audition for level placement in performance studies as a music major. Placement exams in theory, aural skills, and keyboard skills may also be required. In addition, undergraduate majors admitted to a specific degree program prior to being un-enrolled for two or more consecutive terms may also be required to re-apply for admittance to that specific degree program by their major department or area. Students studying abroad or in an approved exchange program are exempt from the readmission petition requirement.

## Specific Degree Requirements

Minimum requirements for a bachelor's degree in music are 36 credits in the major, including 24 upper-division credits. In addition to general university requirements and the general requirements for all undergraduate music degrees, each undergraduate music degree has the following specific requirements.

## Graduate Programs

### Majors - Master's Degree

- Intermedia Music Technology (MMus) (p. 612)
- Music Composition (MMus) (p. 613)
- Music: Conducting (MMus) (p. 614)
- Music Education (MMus) (p. 616)
- Music: Jazz Studies (MMus) (p. 627)
- Music: Piano Pedagogy (MMus) (p. 627)
- Music Performance (MMus) (p. 617)
- Music Theory (MA) (p. 625)
- Musicology (MA) (p. 628)

### Majors - Doctoral Degree

- Data-Driven Music Performance and Composition (PhD) (p. 611)
- Music Composition (PhD) (p. 613)
- Music Education (PhD) (p. 617)
- Music Performance (DMA) (p. 622)
- Music Theory (PhD) (p. 626)
- Musicology (PhD) (p. 629)

## Certificate

- Music Performance (p. 630)

## Specializations

- Collaborative Piano (p. 630)
- Ethnomusicology (p. 630)
- Historical Performance Practice (p. 631)
- Jazz Pedagogy (p. 631)



- Music Theory Pedagogy (p. 631)
- Piano Pedagogy (p. 631)
- Violin/Viola Pedagogy (p. 631)

## Admission

Applicants must satisfy general university, Division of Graduate Studies, and School of Music and Dance requirements governing admission. See the **Division of Graduate Studies** section of this catalog for information about credits, residence, and transfer of graduate work taken elsewhere.

Submit an online Graduate Admission Application. In addition, send two sets of sealed, official transcripts from all colleges or universities from which a bachelor's and all subsequent degrees were earned; transcripts must show the degrees awarded. Address one set to Office of Admissions, 1217 University of Oregon, Eugene, Oregon 97403-1217. Address the second set to School of Music and Dance, Graduate Admissions, 1225 University of Oregon, Eugene, Oregon 97402-1225.

## Additional Requirements for International Students

International applicants must have a credential that is equivalent to a four-year bachelor's degree earned in the United States. These credentials must be received from an institution recognized by the country's educational body that oversees institutional approval, such as the Ministry of Education. Two copies of the following documents should be requested:

- Official transcripts
- Certified English translations of all college or university work
- If the degree and conferral date do not appear on the transcripts, official degree certificates with certified English translations

Send two sets of transcripts, one to the Office of Admissions, 1217 University of Oregon, Eugene, Oregon 97403-1217 USA, the other to the School of Music and Dance, Graduate Admissions, 1225 University of Oregon, Eugene, Oregon 97402-1225 USA.

International applicants must file the International Student Financial Statement online.

A recent TOEFL exam is required of all international graduate applicants whose native language is not English. An acceptable score must be reported directly to the Office of Admissions by December 10 in order for the application to be complete. Master's degree applicants from a non-English-speaking country must provide a TOEFL score of 575 or better (paper-based test) or 88 or better (Internet-based test) or an International English Language Testing System (IELTS) score of 7.0. Doctoral degree applicants must provide a TOEFL score of 600 or better (paper-based test) or 100 or better (Internet-based test); or an IELTS score of 7.0.

## Master's Degree Admission

All submissions must include the University of Oregon online Graduate Application ([https://gradweb.uoregon.edu/online\\_app/application/guidelines1.asp](https://gradweb.uoregon.edu/online_app/application/guidelines1.asp)). Following are additional admission requirements for specific programs:

| Degree Program                                                 | Continued Enrollment Requirements                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MA, Musicology                                                 | Résumé; statement of purpose; two research or analysis papers in history or ethnomusicology; recent concert or recital programs (optional); three references                                                                                                                                                                                                                                                                                                   |
| MA, Music Theory                                               | Curriculum vitae; statement of purpose; two scholarly writing samples exemplifying scholarship and student's ability to develop a single, coherent line of reasoning and ability to analyze tonal or atonal music or both; Preliminary Written Exam for the Music Theory GE (written test designed to evaluate part-writing and analysis skills); interview with music theory faculty; three references                                                        |
| MMus, Music Composition                                        | Résumé; statement of purpose; scholarly writing sample; evidence of live performance of student works; list of compositions; list of performances of compositions; scores of original works for large and small ensembles that demonstrate marked ability and technical skill in composition; audio or video recordings of compositions; interview with member of composition faculty (optional); three references                                             |
| MMus, Music: Conducting (Choral, Orchestral, or Wind Ensemble) | Résumé; statement of purpose; scholarly writing sample; recent concert or recital programs conducted; preliminary audition recording; live audition and interview (if invited to campus following review of preliminary recorded audition); three references. For conducting audition details, visit <a href="https://pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf">pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf</a> |
| MMus, Intermedia Music Technology                              | Résumé; statement of purpose; scholarly writing sample; recent concert or recital programs; intermedia music technology statement; intermedia music technology-related work summary; software-hardware experience; portfolio recordings; three references                                                                                                                                                                                                      |

**MMus, Music: Jazz Studies  
(Instrumental Performance or  
Composition-Arranging)**

Résumé; statement of purpose; scholarly writing sample; repertoire list (optional); recent concert or recital programs (optional); preliminary audition recording (due by December 10); live audition, if selected from preliminary audition recording; three references. For audition details, visit [pages.uoregon.edu/music/admission/docs/AudRequireCurrent\\_Grad.pdf](https://pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf). For composition and arranging emphasis, submit two representative scores and recordings of arrangements and/or compositions for jazz ensemble. At least one of these pieces should be scored for a large ensemble (10 or more performers). Students admitted on the basis of recorded performances must perform a placement audition upon arrival on campus to begin studies.

**MMus, Music Education**

Master's music education applicants must have a baccalaureate degree in music education. Résumé detailing teaching experience and educational background; statement of professional and personal goals; scholarly writing sample; copies of concert or recital programs you have conducted (elementary-general applicants may substitute a sample curriculum in lieu of concert-recital programs); recent video recording of K–12 music teaching and ensemble performances; campus visit and interview with members of the music education faculty is recommended; three references

**MMus, Music Performance**

Résumé; statement of purpose; research or music analysis paper; repertoire list; recent concert or recital programs; audition (either live or recorded); three references. For current audition requirements and procedures, visit [pages.uoregon.edu/music/admission/docs/AudRequireCurrent\\_Grad.pdf](https://pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf). Saxophone, Piano and Voice applicants must submit a preliminary audition recording by December 10. Note that any student admitted on the basis of a recorded performance must perform a placement audition upon arrival on campus to begin studies.

**MMus, Music: Piano Pedagogy**

Résumé; statement of purpose; scholarly writing sample; repertoire list; recent concert or recital programs; video of student teaching a beginning-level student and an intermediate- or advanced-level student; either a live or a recorded audition; three references. Note that any student admitted on the basis of a recorded performance must perform a placement audition upon arrival on campus to begin studies.

## Doctoral Degree Admission

All submissions must include the University of Oregon online Graduate Application ([https://gradweb.uoregon.edu/online\\_app/application/guidelines1.asp](https://gradweb.uoregon.edu/online_app/application/guidelines1.asp)).

Details are available from the School of Music and Dance graduate office. Following are additional admission requirements for specific programs:

| Degree Program                 | Continued Enrollment Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PhD and DMA, Music Composition | Résumé; statement of purpose; scholarly writing sample; evidence of live performance of works; list of compositions; list of performances of compositions; scores of original works for large and small ensembles that demonstrate marked ability and technical skill in composition; audio or video recordings of compositions; interview with a member of the composition faculty (optional); three references                                                                                                                                                                                                                            |
| PhD, Music Education           | Doctoral music education applicants must have at least one degree in music education. Résumé detailing evidence of at least three years of successful full-time music teaching experience in elementary or secondary public school or both; statement of professional and personal goals; scholarly writing sample; copies of concert or recital programs conducted (elementary-general applicants may substitute a sample curriculum in lieu of concert-recital programs); a recent video recording of K–12 music teaching and ensemble performances; an on-campus interview with members of the music education faculty; three references |

## PhD, Musicology

Résumé; statement of purpose; two research or analysis papers in history or ethnomusicology; recent concert or recital programs (optional); if interested in historical performance practice, submit recent audio or video recordings of performances (optional); three references

## PhD, Music Theory

Curriculum vitae; statement of purpose; two scholarly writing samples exemplifying scholarship and ability to develop a single, coherent line of reasoning and ability to analyze tonal or atonal music or both; recent concert or recital programs (optional); Preliminary Written Exam for Music Theory GE (a written test designed to evaluate part-writing and analysis skills); interview with member of music theory faculty; three references

## DMA, Music Performance

Résumé; statement of purpose; research or music analysis paper; repertoire list; recent concert or recital programs; audition; three references. For current audition requirements and procedures, visit [pages.uoregon.edu/music/admission/docs/AudRequireCurrent\\_Grad.pdf](https://pages.uoregon.edu/music/admission/docs/AudRequireCurrent_Grad.pdf). Applicants to the DMA, music performance—piano pedagogy option program have two additional application requirements: (1) a list of pedagogical materials and literature used in the applicant's teaching; and (2) a high-quality, 45-minute video recording demonstrating piano instruction of two different works to an advanced-level student. Teaching repertoire may be chosen from works such as the following: Bach two- and three-part inventions; Beethoven, Haydn, or Mozart sonatas, rondos, or a set of variations; a Chopin nocturne or Brahms intermezzo; a Debussy prelude, or a work by Ravel; a modern work written after 1900. Saxophone, Piano and Voice applicants must submit a preliminary audition recording by December 10. Note that any student admitted on the basis of a recorded performance must perform a placement audition upon arrival on campus to begin studies.

## Admission Requirements for Graduate Certificate in Music Performance

Applications for admission into the graduate certificate in music performance program are reviewed at the same time as applications for graduate music degree programs. For current audition requirements and procedures, visit [https://music.uoregon.edu/Performance\\_Certificate](https://music.uoregon.edu/Performance_Certificate) ([https://music.uoregon.edu/Performance\\_Certificate/](https://music.uoregon.edu/Performance_Certificate/)). Saxophone, Piano and Voice applicants must submit a preliminary audition recording by December 10.

To be considered for admission, applicants must hold a bachelor of music degree from an accredited institution and must complete a recorded or live audition. Note that any student admitted on the basis of a recorded performance must perform a placement audition upon arrival on campus to begin studies. For current audition requirements and procedures, see the School of Music and Dance website (<https://music.uoregon.edu/>).

As with all other graduate certificates, applicants must satisfy minimum admission requirements set by the UO Division of Graduate Studies.

All submissions must include the University of Oregon Graduate Application, available online ([https://gradweb.uoregon.edu/online\\_app/application/guidelines1.asp](https://gradweb.uoregon.edu/online_app/application/guidelines1.asp)).

## Entrance Examinations

Before their first term of enrollment, students who are admitted into a graduate music degree program must take the Graduate Entrance Examination in music theory, aural skills, and music history. The outcome of these exams determines whether graduate music students may register for graduate-level music theory and musicology courses or if subsequent courses will be required to meet the proficiency requirement. Students in the graduate certificate in music performance program are not required to meet the Graduate Entrance Examination proficiency level but must pass the Graduate Entrance Examination in order to meet prerequisites to register for graduate-level music theory and musicology classes.

The Graduate Entrance Examination is administered before each fall term during Week of Welcome. Students are required to either pass the GEE or pass required remedial course work in order to meet the proficiency requirement. Students who fail to pass the examination or pass required remedial undergraduate course work by the end of fall term in their second year will be dismissed from the program.

Students who fail the Graduate Entrance Examination in music theory and/or aural skills (i.e., earn a score of less than 70 percent) will be required to take the undergraduate theory placement exam, the undergraduate aural skills placement exam, or both. Based on the results of the placement exams, students will be required to take the appropriate undergraduate music theory and/or aural skills courses to meet the proficiency requirement. Students who are required to take undergraduate core courses in the first and second years of their program may retake the GEE at the beginning of the second year to satisfy the Level IV requirement. For more information, please see the music school's Procedures and Policies (<https://blogs.uoregon.edu/gradmus/procedures-policies/>).

Students scoring between 50 and 69 percent on the music history portion of the GEE are required to take and pass an additional music history survey course from the MUS 660–665 series (in addition to any MUS 660–665 courses required for the degree). Based on the test results and

demonstrated areas of weakness, members of the musicology faculty determine one or two of the survey courses to be taken by the student.

Students scoring below 50 percent are required to pass History of Music 800 to 1600 (MUS 267), Survey of Music History 1600 to 1800 (MUS 268), and Survey of Music History 1800 to Present (MUS 269).

## Master's Degree Requirements

In addition to the University of Oregon Division of Graduate Studies' requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the Info for Grad Students (<https://music.uoregon.edu/current-students/info-graduate-music-students/>) webpage.

A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

## Doctoral Program Requirements

### Comprehensive Examinations

Written and oral comprehensive examinations are taken before advancement to candidacy but after meeting the following conditions:

1. Completion of all course work and additional requirements
2. Approval from area advisor

Additional information about comprehensive examinations is available from the music graduate office and the advisor.

### Advancement to Candidacy

Advancement to candidacy is based on successful completion of the comprehensive examination, approval by the advisory committee of the dissertation or lecture-document proposal, and the recommendation of the advisor.

### Dissertation

A dissertation is required in all doctoral degree programs except the DMA in performance, for which a lecture-document that focuses on some aspect of the performance medium may be substituted. Students in the DMA data-driven instruments track are required to complete a digital portfolio dissertation.

For PhD composition, the dissertation must be an original composition of major proportions composed during doctoral study and performed and recorded on the University of Oregon campus.

### Time Limit

Doctoral students have seven years from the term of matriculation to complete the degree. All course work, comprehensive examinations, any required recitals, and the dissertation must be satisfactorily completed before the end of the seven-year period. If this period is exceeded, an additional year of residence or a new set of comprehensive examinations or both are required.

Research (MUE or MUS 601), Dissertation (MUE or MUS 603), and Reading and Conference (MUE, MUJ, or MUS 605) are available during summer session only with advisor's consent.

## Final Oral Defense

A final oral defense is required in all degree programs. The candidate is expected to defend the dissertation or lecture-document and show a command of the research area. Members of the dissertation or lecture-document advisory committee typically conduct the final examination; their appointment is subject to approval by the Division of Graduate Studies.

## Music (BA/BS)

The bachelor of arts (BA) and bachelor of science (BS) degrees with the general music concentration is primarily for students who want a broad liberal arts education while majoring in music. A degree concentration in General Music requires approximately two years of music coursework with no audition or portfolio needed. Our faculty produce well-rounded, skilled scholars and performers who are flexible leaders with global perspectives and great people skills who become cultural influencers and entrepreneurs.

## Concentrations

- Applied Music: Piano (p. 587) (BA/BS)
- Applied Music: Voice (p. 588) (BA/BS)
- General Music (p. 588) (BA/BS)
- Music History and Culture (p. 589) (**BA recommended**)
- Music Technology (p. 590) (**BS recommended**)
- Music Theory (p. 590) (**BA recommended**)

## For Specific Program Admission Requirements

Please Visit the program's website (<https://musicanddance.uoregon.edu/apply/>).

Learning Outcomes for:

Bachelor of Arts in Music (General, History and Culture, Theory, Popular Music Studies, Applied Voice)  
Bachelor of Science in Music (General, Music Technology, Popular Music Studies, Applied Voice)

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- General Studies: The ability to think, speak, and write clearly and effectively, and to communicate with precision, cogency, and rhetorical force.
- General Studies: An informed acquaintance with the mathematical and experimental methods of the physical and biological sciences; with the main forms of analysis and the historical and quantitative techniques needed for investigating the workings and developments of modern society.
- General Studies: An ability to address culture and history from a variety of perspectives.
- General Studies: Understanding of, and experience in thinking about, moral and ethical problems.
- General Studies: The ability to respect, understand, and evaluate work in a variety of disciplines.

- General Studies: The capacity to explain and defend views effectively and rationally.
- Musicianship: Identify, and work conceptually with the elements of music such as rhythm, melody, harmony, form structure, timbre, texture.
- Musicianship: Accurately read and realize musical notation.
- Musicianship: Demonstrate understanding of compositional processes, aesthetic properties of style, and the ways these shape and are shaped by artistic and cultural forces.
- Musicianship: Demonstrate familiarity with a wide selection of musical literature, the principal eras, genres, and cultural sources, for example, classical, jazz, popular, and music from various cultures and people groups from around the world.
- Musicianship: Develop and defend musical judgments.
- Performance and Music Electives: Perform at levels consistent with the goals and objectives of the specific liberal arts degree program/ concentration being followed.
- Performance and Music Electives: Perform in a variety of musical styles.
- Performance and Music Electives: Demonstrate knowledge and/ or skills in one or more areas of music beyond basic musicianship appropriate to the individual's needs and interests, consistent with the goals and objectives of the specific liberal arts degree program.

## Music Major Requirements: Applied Music: Piano Concentration

Courses used to fulfill the major requirements must be passed with a grade of at least C-, or a mark of P\* where pass/no pass is the only grading option for the course.

| Code                   | Title                              | Credits |
|------------------------|------------------------------------|---------|
| <b>Musicianship</b>    |                                    |         |
| MUS 131                | Music Theory I                     | 2       |
| MUS 132                | Music Theory II                    | 2       |
| MUS 133                | Music Theory III                   | 2       |
| MUS 134                | Aural Skills I                     | 2       |
| MUS 135                | Aural Skills II                    | 2       |
| MUS 138                | Keyboard Skills II                 | 1       |
| MUS 139                | Keyboard Skills III                | 1       |
| MUS 231                | Music Theory IV                    | 2       |
| Musicianship Electives |                                    | 6       |
| MUS 136                | Aural Skills III                   |         |
| MUS 137                | Keyboard Skills I                  |         |
| MUS 141                | Popular Piano and Musicianship I   |         |
| MUS 142                | Popular Piano and Musicianship II  |         |
| MUS 143                | Popular Piano and Musicianship III |         |
| MUS 151                | Popular Songwriting                |         |
| MUS 232                | Music Theory V                     |         |
| MUS 233                | Music Theory VI                    |         |
| MUS 234                | Aural Skills IV                    |         |
| MUS 235                | Aural Skills V                     |         |
| MUS 249                | Popular Music Analysis             |         |
| MUS 447                | Digital Audio and Sound Design     |         |
| MUJ 180                | Jazz Performance Laboratory        |         |
| MUJ 181                | Jazz Performance Laboratory        |         |

|                                               |                                                               |              |
|-----------------------------------------------|---------------------------------------------------------------|--------------|
| MUJ 182                                       | Jazz Performance Laboratory                                   |              |
| MUJ 270                                       | Jazz Theory                                                   |              |
| MUJ 271                                       | Functional Jazz Piano I                                       |              |
| MUJ 272                                       | Functional Jazz Piano II                                      |              |
| MUJ 273                                       | Jazz Improvisation I                                          |              |
| MUJ 274                                       | Jazz Improvisation II                                         |              |
| <b>History and Culture</b>                    |                                                               |              |
| MUS 268                                       | Survey of Music History 1600 to 1800                          | 4            |
| MUS 269                                       | Survey of Music History 1800 to Present                       | 4            |
| History and Culture Electives                 |                                                               | 8            |
| MUS 267                                       | History of Music 800 to 1600                                  |              |
| MUS 125                                       | Understanding Music                                           |              |
| MUS 227                                       | Elements of Electronic Music                                  |              |
| MUS 250                                       | Popular Musics in Global Context                              |              |
| MUS 263                                       | US Popular Music 1800 to 1930                                 |              |
| MUS 264                                       | US Popular Music 1930 to 1965                                 |              |
| MUS 265                                       | US Popular Music 1965 to 2000                                 |              |
| MUS 270                                       | History of the Blues                                          |              |
| MUS 281                                       | Music of the Woodstock Generation                             |              |
| MUS 346                                       | Music, Money, and the Law                                     |              |
| MUS 349                                       |                                                               |              |
| MUS 351                                       | The Music of Bach and Handel                                  |              |
| MUS 358                                       | Music in World Cultures                                       |              |
| MUS 359                                       | Music of the Americas                                         |              |
| MUS 360                                       | Hip-Hop Music: History, Culture, Aesthetics                   |              |
| MUS 363                                       | The Beatles and Their Times                                   |              |
| MUS 365                                       | Regional Ethnomusicology: [Topic]                             |              |
| MUS 367                                       | Survey of African Music                                       |              |
| MUS 380                                       | Film Music                                                    |              |
| MUS 382                                       | American Musical Theater                                      |              |
| MUS 451                                       | Introduction to Ethnomusicology                               |              |
| MUS 452                                       | Musical Instruments of the World                              |              |
| MUS 462                                       | Popular Musics in the African Diaspora                        |              |
| MUS 463                                       | Popular Music Studies                                         |              |
| MUS 470                                       | History of Electroacoustic Music                              |              |
| MUJ 350                                       | History of Jazz, 1900–1950                                    |              |
| MUJ 351                                       | History of Jazz, 1940 to Present                              |              |
| <b>Applied Area</b>                           |                                                               |              |
| MUE 471                                       | Piano Pedagogy I: Teaching Beginners                          | 3            |
| MUE 473                                       | Piano Pedagogy III: Teaching Intermediate Levels              | 2            |
| <b>Performance Studies</b>                    |                                                               |              |
| MUP 365                                       | Music Performance Studies (nine different terms) <sup>1</sup> | 18           |
| Ensembles (nine different terms) <sup>2</sup> |                                                               | 9-18         |
| Recital                                       |                                                               |              |
| <b>Total Credits</b>                          |                                                               | <b>68-77</b> |

<sup>1</sup> Must be MUP 365: Perf St:Piano; MUP 365: Perf St Jazz Piano will not count.

<sup>2</sup> At least three (consecutive) terms must be MUS 394: Top Accompanying



Approved Ensemble Courses

| Code    | Title                      | Credits |
|---------|----------------------------|---------|
| MUS 391 | Collegium Musicum          | 1-3     |
| MUS 394 | Chamber Ensemble: [Topic]  | 1-2     |
| MUS 395 | Band: [Topic] <sup>1</sup> | 1-2     |
| MUS 396 | Orchestra: [Topic]         | 1-2     |
| MUS 397 | Chorus: [Topic]            | 2       |
| MUS 398 | Opera Workshop             | 2       |

Approved Topics

<sup>1</sup> Oregon Wind Symphony, Oregon Wind Ensemble

Music Major Requirements: Applied Music: Voice Concentration

| Code                          | Title                                   | Credits |
|-------------------------------|-----------------------------------------|---------|
| <b>Musicianship</b>           |                                         |         |
| MUS 131                       | Music Theory I                          | 2       |
| MUS 132                       | Music Theory II                         | 2       |
| MUS 133                       | Music Theory III                        | 2       |
| MUS 134                       | Aural Skills I                          | 2       |
| Musicianship Electives        |                                         | 8       |
| MUS 135                       | Aural Skills II                         |         |
| MUS 136                       | Aural Skills III                        |         |
| MUS 137                       | Keyboard Skills I                       |         |
| MUS 138                       | Keyboard Skills II                      |         |
| MUS 139                       | Keyboard Skills III                     |         |
| MUS 141                       | Popular Piano and Musicianship I        |         |
| MUS 142                       | Popular Piano and Musicianship II       |         |
| MUS 143                       | Popular Piano and Musicianship III      |         |
| MUS 151                       | Popular Songwriting                     |         |
| MUS 231                       | Music Theory IV                         |         |
| MUS 232                       | Music Theory V                          |         |
| MUS 233                       | Music Theory VI                         |         |
| MUS 234                       | Aural Skills IV                         |         |
| MUS 235                       | Aural Skills V                          |         |
| MUS 249                       | Popular Music Analysis                  |         |
| MUS 447                       | Digital Audio and Sound Design          |         |
| MUJ 180                       | Jazz Performance Laboratory             |         |
| MUJ 181                       | Jazz Performance Laboratory             |         |
| MUJ 182                       | Jazz Performance Laboratory             |         |
| MUJ 270                       | Jazz Theory                             |         |
| MUJ 271                       | Functional Jazz Piano I                 |         |
| MUJ 272                       | Functional Jazz Piano II                |         |
| MUJ 273                       | Jazz Improvisation I                    |         |
| MUJ 274                       | Jazz Improvisation II                   |         |
| <b>History and Culture</b>    |                                         |         |
| MUS 267                       | History of Music 800 to 1600            | 4       |
| or MUS 268                    | Survey of Music History 1600 to 1800    |         |
| or MUS 269                    | Survey of Music History 1800 to Present |         |
| History and Culture Electives |                                         | 12      |
| MUS 125                       | Understanding Music                     |         |
| MUS 227                       | Elements of Electronic Music            |         |

|         |                                             |
|---------|---------------------------------------------|
| MUS 250 | Popular Musics in Global Context            |
| MUS 263 | US Popular Music 1800 to 1930               |
| MUS 264 | US Popular Music 1930 to 1965               |
| MUS 265 | US Popular Music 1965 to 2000               |
| MUS 270 | History of the Blues                        |
| MUS 281 | Music of the Woodstock Generation           |
| MUS 346 | Music, Money, and the Law                   |
| MUS 349 |                                             |
| MUS 351 | The Music of Bach and Handel                |
| MUS 358 | Music in World Cultures                     |
| MUS 359 | Music of the Americas                       |
| MUS 360 | Hip-Hop Music: History, Culture, Aesthetics |
| MUS 363 | The Beatles and Their Times                 |
| MUS 365 | Regional Ethnomusicology: [Topic]           |
| MUS 367 | Survey of African Music                     |
| MUS 380 | Film Music                                  |
| MUS 382 | American Musical Theater                    |
| MUS 451 | Introduction to Ethnomusicology             |
| MUS 452 | Musical Instruments of the World            |
| MUS 460 |                                             |
| MUS 462 | Popular Musics in the African Diaspora      |
| MUS 463 | Popular Music Studies                       |
| MUS 470 | History of Electroacoustic Music            |
| MUJ 350 | History of Jazz, 1900–1950                  |
| MUJ 351 | History of Jazz, 1940 to Present            |

Applied Area

|         |                               |   |
|---------|-------------------------------|---|
| MUS 155 | Introduction to Lyric Diction | 2 |
| MUS 156 | Introduction to Lyric Diction | 2 |

Performance Studies

|                                  |                           |    |
|----------------------------------|---------------------------|----|
| MUP 365                          | Music Performance Studies | 18 |
| Ensembles (nine different terms) |                           | 18 |
| Recital                          |                           |    |

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>72</b> |
|----------------------|-----------|

Music Major Requirements: General Music Concentration

| Code                                               | Title                             | Credits |
|----------------------------------------------------|-----------------------------------|---------|
| <b>Musicianship</b>                                |                                   |         |
| MUS 131                                            | Music Theory I                    | 2       |
| MUS 132                                            | Music Theory II                   | 2       |
| MUS 133                                            | Music Theory III                  | 2       |
| or MUS 249                                         | Popular Music Analysis            |         |
| Select a minimum of 10 credits from the following: |                                   | 10      |
| MUS 126                                            | Music Theory Fundamentals         |         |
| MUS 134–136                                        | Aural Skills I-III                |         |
| MUS 137–139                                        | Keyboard Skills I-III             |         |
| MUS 141                                            | Popular Piano and Musicianship I  |         |
| MUS 142                                            | Popular Piano and Musicianship II |         |
| MUS 151                                            | Popular Songwriting               |         |
| MUS 231–233                                        | Music Theory IV-VI                |         |
| MUS 234–236                                        | Aural Skills IV-VI                |         |
| MUS 237–239                                        | Keyboard Skills IV-VI             |         |

|                                                                     |                                             |              |
|---------------------------------------------------------------------|---------------------------------------------|--------------|
| MUS 447                                                             | Digital Audio and Sound Design              |              |
| MUJ 180–182                                                         | Jazz Performance Laboratory                 |              |
| MUJ 270                                                             | Jazz Theory                                 |              |
| MUJ 271–272                                                         | Functional Jazz Piano I-II                  |              |
| MUJ 273–274                                                         | Jazz Improvisation I-II                     |              |
| <b>History and Culture</b>                                          |                                             |              |
| Select one from the following:                                      |                                             | 4            |
| MUS 267–269                                                         | Survey of Music History <sup>1</sup>        |              |
| Select a minimum of 12 credits from the following:                  |                                             | 12           |
| MUS 267–269                                                         | Survey of Music History <sup>1</sup>        |              |
| MUS 125                                                             | Understanding Music                         |              |
| MUS 227                                                             | Elements of Electronic Music                |              |
| MUS 250                                                             | Popular Musics in Global Context            |              |
| MUS 264                                                             | US Popular Music 1930 to 1965               |              |
| MUS 265                                                             | US Popular Music 1965 to 2000               |              |
| MUS 270                                                             | History of the Blues                        |              |
| MUS 281                                                             | Music of the Woodstock Generation           |              |
| MUS 346                                                             | Music, Money, and the Law                   |              |
| MUS 349                                                             |                                             |              |
| MUS 351                                                             | The Music of Bach and Handel                |              |
| MUS 358                                                             | Music in World Cultures                     |              |
| MUS 359                                                             | Music of the Americas                       |              |
| MUS 360                                                             | Hip-Hop Music: History, Culture, Aesthetics |              |
| MUS 363                                                             | The Beatles and Their Times                 |              |
| MUS 365                                                             | Regional Ethnomusicology: [Topic]           |              |
| MUS 367                                                             | Survey of African Music                     |              |
| MUS 380                                                             | Film Music                                  |              |
| MUS 382                                                             | American Musical Theater                    |              |
| MUS 451                                                             | Introduction to Ethnomusicology             |              |
| MUS 452                                                             | Musical Instruments of the World            |              |
| MUS 462                                                             | Popular Musics in the African Diaspora      |              |
| MUS 463                                                             | Popular Music Studies                       |              |
| MUS 470                                                             | History of Electroacoustic Music            |              |
| MUJ 350                                                             | History of Jazz, 1900–1950                  |              |
| MUJ 351                                                             | History of Jazz, 1940 to Present            |              |
| Additional musicianship or history and culture credits <sup>2</sup> |                                             | 4            |
| Performance Studies <sup>3</sup>                                    |                                             | 6            |
| Ensemble (six different terms)                                      |                                             | 6-12         |
| Additional credits in music <sup>4</sup>                            |                                             | 12           |
| <b>Total Credits</b>                                                |                                             | <b>60-66</b> |

<sup>1</sup> Additional survey of music history courses may also count toward the 12 credits required.

<sup>2</sup> At least 36 total credits in combined musicianship and history and culture categories is required, with a minimum of 16 credits earned in each category.

<sup>3</sup> At least three terms of MUP 114, 115 or 165 on one or more instruments. See also, General Limitations in the Registration and Academic Policies (p. 20) section of this catalog.

<sup>4</sup> At least 12 credits of MUE, MUJ, MUP and/or MUS courses, including any upper-division credits necessary to earn 24 total upper-division credits in music.

## Music Major Requirements: Music History and Culture Concentration

| Code                                                                   | Title                                       | Credits |
|------------------------------------------------------------------------|---------------------------------------------|---------|
| <b>Musicianship</b>                                                    |                                             |         |
| MUS 131                                                                | Music Theory I                              | 2       |
| MUS 132                                                                | Music Theory II                             | 2       |
| MUS 133                                                                | Music Theory III                            | 2       |
| or MUS 249                                                             | Popular Music Analysis                      |         |
| MUS 134                                                                | Aural Skills I                              | 2       |
| At least 8 additional credits of the following:                        |                                             | 8       |
| MUS 135                                                                | Aural Skills II                             |         |
| MUS 136                                                                | Aural Skills III                            |         |
| MUS 137                                                                | Keyboard Skills I                           |         |
| MUS 138                                                                | Keyboard Skills II                          |         |
| MUS 139                                                                | Keyboard Skills III                         |         |
| MUS 141                                                                | Popular Piano and Musicianship I            |         |
| MUS 142                                                                | Popular Piano and Musicianship II           |         |
| MUS 143                                                                | Popular Piano and Musicianship III          |         |
| MUS 151                                                                | Popular Songwriting                         |         |
| MUS 231                                                                | Music Theory IV                             |         |
| MUS 232                                                                | Music Theory V                              |         |
| MUS 233                                                                | Music Theory VI                             |         |
| MUS 234                                                                | Aural Skills IV                             |         |
| MUS 235                                                                | Aural Skills V                              |         |
| MUS 447                                                                | Digital Audio and Sound Design              |         |
| MUJ 180                                                                | Jazz Performance Laboratory                 |         |
| MUJ 181                                                                | Jazz Performance Laboratory                 |         |
| MUJ 182                                                                | Jazz Performance Laboratory                 |         |
| MUJ 270                                                                | Jazz Theory                                 |         |
| MUJ 271                                                                | Functional Jazz Piano I                     |         |
| MUJ 272                                                                | Functional Jazz Piano II                    |         |
| MUJ 273                                                                | Jazz Improvisation I                        |         |
| MUJ 274                                                                | Jazz Improvisation II                       |         |
| <b>History and Culture</b>                                             |                                             |         |
| MUS 451                                                                | Introduction to Ethnomusicology             | 4       |
| Must take one of the following sequences:                              |                                             | 12      |
| MUS 263                                                                | US Popular Music 1800 to 1930               |         |
| & MUS 264                                                              | and US Popular Music 1930 to 1965           |         |
| & MUS 265                                                              | and US Popular Music 1965 to 2000           |         |
| MUS 267                                                                | History of Music 800 to 1600                |         |
| & MUS 268                                                              | and Survey of Music History 1600 to 1800    |         |
| & MUS 269                                                              | and Survey of Music History 1800 to Present |         |
| Students must take at least one course from the other history sequence |                                             | 4       |
| Choose at least 8 more credits from the following: <sup>1</sup>        |                                             | 8       |
| MUS 227                                                                | Elements of Electronic Music                |         |
| MUS 250                                                                | Popular Musics in Global Context            |         |
| MUS 270                                                                | History of the Blues                        |         |
| MUS 281                                                                | Music of the Woodstock Generation           |         |
| MUS 346                                                                | Music, Money, and the Law                   |         |
| MUS 349                                                                |                                             |         |
| MUS 351                                                                | The Music of Bach and Handel                |         |

|               |                                             |    |
|---------------|---------------------------------------------|----|
| MUS 358       | Music in World Cultures                     |    |
| MUS 359       | Music of the Americas                       |    |
| MUS 360       | Hip-Hop Music: History, Culture, Aesthetics |    |
| MUS 363       | The Beatles and Their Times                 |    |
| MUS 365       | Regional Ethnomusicology: [Topic]           |    |
| MUS 367       | Survey of African Music                     |    |
| MUS 380       | Film Music                                  |    |
| MUS 382       | American Musical Theater                    |    |
| MUS 452       | Musical Instruments of the World            |    |
| MUS 460       |                                             |    |
| MUS 462       | Popular Musics in the African Diaspora      |    |
| MUS 463       | Popular Music Studies                       |    |
| MUS 470       | History of Electroacoustic Music            |    |
| MUS 475       | History of Opera                            |    |
| Total Credits |                                             | 44 |

<sup>1</sup> Must include any upper division credits necessary to reach 24 total upper division credits in Music.

| Code                                                        | Title                       | Credits |
|-------------------------------------------------------------|-----------------------------|---------|
| Core courses for music major degree programs (listed above) |                             | 44      |
| Performance Studies <sup>1</sup>                            |                             | 6       |
| Ensemble (at least 6 terms) <sup>2</sup>                    |                             | 6-12    |
| ARH Course                                                  |                             | 4       |
| MUS 499                                                     | Senior Project <sup>3</sup> | 3       |
| Total Credits                                               |                             | 63-69   |

<sup>1</sup> At least three terms of MUP 114, 115, or 165 on one or more instruments. See also, General Limitations in the Registration and Academic Policies (p. 20) section of this catalog.

<sup>2</sup> Students are not required to take performance studies concurrently with large ensemble participation. Ensemble is assigned by placement audition. Any School of Music and Dance performance ensembles. We strongly encourage that majors consider taking at least one term of a non-canonical and/or dance ensembles. See department for list of ensemble options.

<sup>3</sup> Completed under faculty guidance. For details and procedures, consult advisor.

<sup>4</sup> The minimum grade for coursework in this concentration is C-

Music Major Requirements: Music Technology Concentration

| Code                                                | Title                                          | Credits |
|-----------------------------------------------------|------------------------------------------------|---------|
| Musicianship                                        |                                                |         |
| MUS 131–133                                         | Music Theory I-III                             | 6       |
| MUS 134–136                                         | Aural Skills I-III                             | 6       |
| MUS 137–139                                         | Keyboard Skills I-III                          | 3       |
| MUS 231–233                                         | Music Theory IV-VI                             | 6       |
| History and Culture                                 |                                                |         |
| MUS 267–269                                         | Survey of Music History                        | 12      |
| MUS 358                                             | Music in World Cultures                        | 4       |
| Performance Studies <sup>1</sup>                    |                                                | 6       |
| Classical ensemble (at least three different terms) |                                                | 6       |
| MUS 393                                             | Oregon Electronic Device Orchestra (two terms) | 4       |

|             |                                                 |    |
|-------------|-------------------------------------------------|----|
| CS 110      | Fluency with Information Technology             | 4  |
| CS 111      | Introduction to Web Programming                 | 4  |
| CS 122      | Introduction to Programming and Problem Solving | 4  |
| MUS 445     | Electronic Composition (four terms)             | 12 |
| MUS 479     | Data Sonification                               | 4  |
| MUS 447     | Digital Audio and Sound Design                  | 4  |
| MUS 448     | Interactive Media Performance                   | 3  |
| MUS 470     | History of Electroacoustic Music                | 3  |
| MUS 476–478 | Digital Audio Workstation Tech I-III            | 9  |
| MUS 480–481 | Audio Recording Techniques I,II                 | 6  |
| PHYS 152    | Physics of Sound and Music                      | 4  |

Electives

|                                                     |                                  |     |
|-----------------------------------------------------|----------------------------------|-----|
| Select at least 12 credits from the following list: |                                  | 12  |
| MUS 240–242 Composition I                           |                                  |     |
| MUS 340–342 Composition II                          |                                  |     |
| MUS 440–442 Composition III                         |                                  |     |
| MUS 327                                             | Analysis: [Topic]                |     |
| MUJ 350                                             | History of Jazz, 1900–1950       |     |
| MUJ 351                                             | History of Jazz, 1940 to Present |     |
| MUS 430–431                                         | Schenkerian Analysis             |     |
| MUS 433–435                                         | Counterpoint                     |     |
| MUS 445                                             | Electronic Composition           |     |
| MUS 446                                             | Music Engraving                  |     |
| MUS 474–475 History of Opera                        |                                  |     |
| Additional performance studies                      |                                  |     |
| Additional ensembles                                |                                  |     |
| Courses in the music of other cultures              |                                  |     |
| MUS 499                                             | Senior Project <sup>2</sup>      | 3   |
| Brown Book Exam                                     |                                  |     |
| Listening Exam                                      |                                  |     |
| Total Credits                                       |                                  | 125 |

<sup>1</sup> At least three terms of MUP 114, 115 or 165 on one or more instruments. See also, General Limitations in the Registration and Academic Policies (p. 20) section of this catalog.

<sup>2</sup> Completed under faculty guidance; includes passage of Brown Book Exam. For details and procedure, consult advisor.

Music Major Requirements: Music Theory Concentration

| Code               | Title               | Credits |
|--------------------|---------------------|---------|
| Music Core: Theory |                     |         |
| MUS 131            | Music Theory I      | 2       |
| MUS 132            | Music Theory II     | 2       |
| MUS 133            | Music Theory III    | 2       |
| MUS 134            | Aural Skills I      | 2       |
| MUS 135            | Aural Skills II     | 2       |
| MUS 136            | Aural Skills III    | 2       |
| MUS 137            | Keyboard Skills I   | 1       |
| MUS 138            | Keyboard Skills II  | 1       |
| MUS 139            | Keyboard Skills III | 1       |
| MUS 231            | Music Theory IV     | 2       |

|                                                                         |                                                |           |
|-------------------------------------------------------------------------|------------------------------------------------|-----------|
| MUS 232                                                                 | Music Theory V                                 | 2         |
| MUS 233                                                                 | Music Theory VI                                | 2         |
| MUS 234                                                                 | Aural Skills IV                                | 2         |
| MUS 235                                                                 | Aural Skills V                                 | 2         |
| MUS 327                                                                 | Analysis: [Topic]                              | 3         |
| <b>Music Core: Music History</b>                                        |                                                |           |
| MUS 358                                                                 | Music in World Cultures                        | 4         |
| Three of the following courses:                                         |                                                | 12        |
| MUS 263                                                                 | US Popular Music 1800 to 1930                  |           |
| MUS 264                                                                 | US Popular Music 1930 to 1965                  |           |
| MUS 265                                                                 | US Popular Music 1965 to 2000                  |           |
| MUS 267                                                                 | History of Music 800 to 1600                   |           |
| MUS 268                                                                 | Survey of Music History 1600 to 1800           |           |
| MUS 269                                                                 | Survey of Music History 1800 to Present        |           |
| <b>Advanced Music Theory</b>                                            |                                                |           |
| MUS 416                                                                 | Post-Tonal Theory I                            | 3         |
| MUS 433                                                                 | Counterpoint                                   | 4         |
| Choose at least one of the following:                                   |                                                | 3         |
| MUS 430                                                                 | Tonal Analysis: Linear Prolongational Analysis |           |
| MUS 431                                                                 | Tonal Analysis: Form in Tonal Music            |           |
| MUS 432                                                                 | Tonal Analysis: Analysis of Popular Music      |           |
| <b>Performance</b> <sup>1</sup>                                         |                                                |           |
| At least 3 terms of an approved large ensemble by audition <sup>2</sup> |                                                | 6         |
| At least 3 terms of MUP courses, any one instrument at any level        |                                                | 6         |
| <b>Music Electives</b>                                                  |                                                | <b>6</b>  |
| <b>Senior Project</b> <sup>3</sup>                                      |                                                |           |
| MUS 499                                                                 | Senior Project                                 | 3         |
| <b>Total Credits</b>                                                    |                                                | <b>75</b> |

College Composition III (WR 123) is strongly recommended.

<sup>1</sup> At least three terms of MUP 114, 115 or 165 on any one instrument. See also, General Limitations in the Registration and Academic Policies (p. 20) section of this catalog.

<sup>2</sup> Students are not required to take performance studies concurrently with large ensemble participation. Ensemble is assigned by placement audition. For approved ensembles, check the UO catalog

<sup>3</sup> Completed under faculty guidance. For details and procedures, consult advisor.

## Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

- Music (General Music Concentration) (p. 591)
- **Music (Music History and Literature Concentration)**
- **Music (Music Theory Concentration)**
- **Music (Music Technology Concentration)**

## Bachelor of Arts in Music (General Music Concentration)

| Course            | Title                              | Credits | Milestones |
|-------------------|------------------------------------|---------|------------|
| <b>First Year</b> |                                    |         |            |
| <b>Fall</b>       |                                    |         |            |
| MUS 131           | Music Theory I                     | 2       |            |
| MUS 134           | Aural Skills I                     | 2       |            |
| MUS 358           | Music in World Cultures            | 4       |            |
| MUP 165           | Music Performance Studies: [Topic] | 2       |            |
| MUS 395           | Band: [Topic]                      | 2       |            |
| WR 121Z           | Composition I                      | 4       |            |
| <b>Credits</b>    |                                    |         | <b>16</b>  |

|                                            |                                    |   |           |
|--------------------------------------------|------------------------------------|---|-----------|
| <b>Winter</b>                              |                                    |   |           |
| MUS 132                                    | Music Theory II                    | 2 |           |
| MUS 135                                    | Aural Skills II                    | 2 |           |
| MUS 395                                    | Band: [Topic]                      | 2 |           |
| MUP 165                                    | Music Performance Studies: [Topic] | 2 |           |
| WR 122Z                                    | Composition II                     | 4 |           |
| or WR 123 or College Composition III       |                                    |   |           |
| General-education course in social science |                                    | 4 |           |
| <b>Credits</b>                             |                                    |   | <b>16</b> |

|                                     |                                    |   |                       |
|-------------------------------------|------------------------------------|---|-----------------------|
| <b>Spring</b>                       |                                    |   |                       |
| MUS 133                             | Music Theory III                   | 2 | Enrollment checkpoint |
| MUS 136                             | Aural Skills III                   | 2 |                       |
| MUS 395                             | Band: [Topic]                      | 2 |                       |
| MUJ 350                             | History of Jazz, 1900–1950         | 4 |                       |
| MUP 165                             | Music Performance Studies: [Topic] | 2 |                       |
| General-education course in science |                                    | 4 |                       |
| <b>Credits</b>                      |                                    |   | <b>16</b>             |

**Total Credits 48**

| Course                                            | Title                                       | Credits | Milestones |
|---------------------------------------------------|---------------------------------------------|---------|------------|
| <b>Second Year</b>                                |                                             |         |            |
| <b>Fall</b>                                       |                                             |         |            |
| MUJ 180                                           | Jazz Performance Laboratory                 | 2       |            |
| MUS 360                                           | Hip-Hop Music: History, Culture, Aesthetics | 4       |            |
| First term of first-year second-language sequence |                                             | 5       |            |
| General-education course in social science        |                                             | 4       |            |
| <b>Credits</b>                                    |                                             |         | <b>15</b>  |

|                                                    |                                |   |           |
|----------------------------------------------------|--------------------------------|---|-----------|
| <b>Winter</b>                                      |                                |   |           |
| MUJ 181                                            | Jazz Performance Laboratory    | 2 |           |
| MUS 447                                            | Digital Audio and Sound Design | 4 |           |
| Second term of first-year second-language sequence |                                | 5 |           |
| General-education course in science                |                                | 4 |           |
| <b>Credits</b>                                     |                                |   | <b>15</b> |

|                                                   |                             |   |                  |
|---------------------------------------------------|-----------------------------|---|------------------|
| <b>Spring</b>                                     |                             |   |                  |
| MUJ 182                                           | Jazz Performance Laboratory | 2 | Additional music |
| Third term of first-year second-language sequence |                             | 5 |                  |
| General-education course in social science        |                             | 4 |                  |

|                                                     |                                    |                    |
|-----------------------------------------------------|------------------------------------|--------------------|
| Elective course                                     |                                    | 4                  |
| Credits                                             |                                    | 15                 |
| Total Credits                                       |                                    | 45                 |
| Course                                              | Title                              | Credits Milestones |
| Third Year                                          |                                    |                    |
| Fall                                                |                                    |                    |
| MUJ 270                                             | Jazz Theory                        | Additional music 2 |
| MUS 395                                             | Band: [Topic]                      | 2                  |
| First term of second-year second-language sequence  |                                    | 4                  |
| General-education course in arts and letters        |                                    | 4                  |
| Upper-division elective course                      |                                    | 4                  |
| Credits                                             |                                    | 16                 |
| Winter                                              |                                    |                    |
| MUS 395                                             | Band: [Topic]                      | 2                  |
| MUP 165                                             | Music Performance Studies: [Topic] | 2                  |
| Second term of second-year second-language sequence |                                    | 4                  |
| Upper-division elective course                      |                                    | 4                  |
| General-education course in social science          |                                    | 4                  |
| Credits                                             |                                    | 16                 |
| Spring                                              |                                    |                    |
| MUS 395                                             | Band: [Topic]                      | 2                  |
| MUS 346                                             | Music, Money, and the Law          | Additional music 4 |
| MUP 165                                             | Music Performance Studies: [Topic] | 2                  |
| Third term of second-year second-language sequence  |                                    | 4                  |
| General-education course in science                 |                                    | 4                  |
| Credits                                             |                                    | 16                 |
| Total Credits                                       |                                    | 48                 |
| Course                                              | Title                              | Credits Milestones |
| Fourth Year                                         |                                    |                    |
| Fall                                                |                                    |                    |
| General-education course in arts and letters        |                                    | 4                  |
| Upper-division elective course                      |                                    | 8                  |
| Elective course                                     |                                    | 3                  |
| Credits                                             |                                    | 15                 |
| Winter                                              |                                    |                    |
| General-education course in science                 |                                    | 4                  |
| Upper-division elective course                      |                                    | 8                  |
| Elective course                                     |                                    | 3                  |
| Credits                                             |                                    | 15                 |
| Spring                                              |                                    |                    |
| General-education course in arts and letters        |                                    | 4                  |
| Upper-division elective course                      |                                    | 8                  |
| Credits                                             |                                    | 12                 |
| Total Credits                                       |                                    | 42                 |

Bachelor of Science in Music (General Music Concentration)

|                                              |                                           |                         |
|----------------------------------------------|-------------------------------------------|-------------------------|
| Course                                       | Title                                     | Credits Milestones      |
| First Year                                   |                                           |                         |
| Fall                                         |                                           |                         |
| MUS 358                                      | Music in World Cultures                   | 4                       |
| MUS 397                                      | Chorus: [Topic]                           | 2                       |
| MUP 165                                      | Music Performance Studies: [Topic]        | 2                       |
| WR 121Z                                      | Composition I                             | 4                       |
| Elective course                              |                                           | 4                       |
| Credits                                      |                                           | 16                      |
| Winter                                       |                                           |                         |
| MUS 397                                      | Chorus: [Topic]                           | 2                       |
| MUP 165                                      | Music Performance Studies: [Topic]        | 2                       |
| Mathematics course                           |                                           | 4                       |
| General-education course in social science   |                                           | 4                       |
| WR 122Z or WR 123                            | Composition II or College Composition III | 4                       |
| Credits                                      |                                           | 16                      |
| Spring                                       |                                           |                         |
| MUS 151                                      | Popular Songwriting                       | 4                       |
| MUS 397                                      | Chorus: [Topic]                           | 2                       |
| MUP 165                                      | Music Performance Studies: [Topic]        | 2                       |
| Mathematics course                           |                                           | 4                       |
| General-education course in science          |                                           | 4                       |
| Credits                                      |                                           | 16                      |
| Total Credits                                |                                           | 48                      |
| Course                                       | Title                                     | Credits Milestones      |
| Second Year                                  |                                           |                         |
| Fall                                         |                                           |                         |
| MUS 131                                      | Music Theory I                            | 2                       |
| MUS 134                                      | Aural Skills I                            | 2                       |
| Mathematics course                           |                                           | 4                       |
| General-education course in social science   |                                           | 4                       |
| Elective course                              |                                           | 4                       |
| Credits                                      |                                           | 16                      |
| Winter                                       |                                           |                         |
| MUS 132                                      | Music Theory II                           | 2                       |
| MUS 135                                      | Aural Skills II                           | 2                       |
| General-education course in arts and letters |                                           | 4                       |
| General-education course in science          |                                           | 4                       |
| Elective course                              |                                           | 4                       |
| Credits                                      |                                           | 16                      |
| Spring                                       |                                           |                         |
| MUS 133                                      | Music Theory III                          | Enrollment checkpoint 2 |
| MUS 136                                      | Aural Skills III                          | 2                       |
| General-education course in social science   |                                           | 4                       |



|                      |           |
|----------------------|-----------|
| Elective course      | 4         |
| <b>Credits</b>       | <b>12</b> |
| <b>Total Credits</b> | <b>44</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                              |                                    |           |  |
|----------------------------------------------|------------------------------------|-----------|--|
| MUS 382                                      | American Musical Theater           | 4         |  |
| MUS 397                                      | Chorus: [Topic]                    | 2         |  |
| MUP 165                                      | Music Performance Studies: [Topic] | 2         |  |
| General-education course in arts and letters |                                    | 4         |  |
| Upper-division elective course               |                                    | 4         |  |
| <b>Credits</b>                               |                                    | <b>16</b> |  |

**Winter**

|                                            |                                    |           |  |
|--------------------------------------------|------------------------------------|-----------|--|
| MUS 265                                    | US Popular Music 1965 to 2000      | 4         |  |
| MUS 397                                    | Chorus: [Topic]                    | 2         |  |
| MUP 165                                    | Music Performance Studies: [Topic] | 2         |  |
| General-education course in social science |                                    | 4         |  |
| Upper-division elective course             |                                    | 4         |  |
| <b>Credits</b>                             |                                    | <b>16</b> |  |

**Spring**

|                                     |                                         |           |  |
|-------------------------------------|-----------------------------------------|-----------|--|
| MUS 269                             | Survey of Music History 1800 to Present | 4         |  |
| MUS 397                             | Chorus: [Topic]                         | 2         |  |
| MUP 165                             | Music Performance Studies: [Topic]      | 2         |  |
| General-education course in science |                                         | 4         |  |
| Upper-division elective course      |                                         | 4         |  |
| <b>Credits</b>                      |                                         | <b>16</b> |  |
| <b>Total Credits</b>                |                                         | <b>48</b> |  |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                     |                               |           |                  |
|-------------------------------------|-------------------------------|-----------|------------------|
| MUS 480                             | Audio Production Techniques I | 3         | Additional Music |
| General-education course in science |                               | 4         |                  |
| Upper-division elective course      |                               | 4         |                  |
| Elective course                     |                               | 4         |                  |
| <b>Credits</b>                      |                               | <b>15</b> |                  |

**Winter**

|                                              |                               |           |                  |
|----------------------------------------------|-------------------------------|-----------|------------------|
| MUS 481                                      | Audio Recording Techniques II | 3         | Additional Music |
| General-education course in arts and letters |                               | 4         |                  |
| Upper-division elective course               |                               | 4         |                  |
| Elective course                              |                               | 4         |                  |
| <b>Credits</b>                               |                               | <b>15</b> |                  |

**Spring**

|                                |  |           |  |
|--------------------------------|--|-----------|--|
| Upper-division elective course |  | 12        |  |
| <b>Credits</b>                 |  | <b>12</b> |  |
| <b>Total Credits</b>           |  | <b>42</b> |  |

## Bachelor of Arts in Music (Music History and Literature Concentration)

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|                |                                    |           |  |
|----------------|------------------------------------|-----------|--|
| MUS 131        | Music Theory I                     | 2         |  |
| MUS 134        | Aural Skills I                     | 2         |  |
| MUS 137        | Keyboard Skills I                  | 1         |  |
| MUS 397        | Chorus: [Topic]                    | 2         |  |
| MUP 165        | Music Performance Studies: [Topic] | 2         |  |
| MUS 358        | Music in World Cultures            | 4         |  |
| <b>Credits</b> |                                    | <b>13</b> |  |

**Winter**

|                |                                    |           |  |
|----------------|------------------------------------|-----------|--|
| MUS 132        | Music Theory II                    | 2         |  |
| MUS 135        | Aural Skills II                    | 2         |  |
| MUS 138        | Keyboard Skills II                 | 1         |  |
| MUS 397        | Chorus: [Topic]                    | 2         |  |
| MUP 165        | Music Performance Studies: [Topic] | 2         |  |
| WR 121Z        | Composition I                      | 4         |  |
| <b>Credits</b> |                                    | <b>13</b> |  |

**Spring**

|                      |                                    |           |                       |
|----------------------|------------------------------------|-----------|-----------------------|
| MUS 133              | Music Theory III                   | 2         |                       |
| MUS 136              | Aural Skills III                   | 2         |                       |
| MUS 139              | Keyboard Skills III                | 1         |                       |
| MUS 397              | Chorus: [Topic]                    | 2         |                       |
| MUP 165              | Music Performance Studies: [Topic] | 2         |                       |
| WR 123               | College Composition III            | 4         | Enrollment checkpoint |
| <b>Credits</b>       |                                    | <b>13</b> |                       |
| <b>Total Credits</b> |                                    | <b>39</b> |                       |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                                                   |                              |           |  |
|---------------------------------------------------|------------------------------|-----------|--|
| MUS 231                                           | Music Theory IV              | 2         |  |
| MUS 234                                           | Aural Skills IV              | 2         |  |
| MUS 267                                           | History of Music 800 to 1600 | 4         |  |
| First term of first-year second-language sequence |                              | 5         |  |
| Upper-division elective course                    |                              | 2         |  |
| <b>Credits</b>                                    |                              | <b>15</b> |  |

**Winter**

|                                                    |                                      |           |  |
|----------------------------------------------------|--------------------------------------|-----------|--|
| MUS 232                                            | Music Theory V                       | 2         |  |
| MUS 235                                            | Aural Skills V                       | 2         |  |
| MUS 268                                            | Survey of Music History 1600 to 1800 | 4         |  |
| Second term of first-year second-language sequence |                                      | 5         |  |
| Upper-division elective course                     |                                      | 2         |  |
| <b>Credits</b>                                     |                                      | <b>15</b> |  |

**Spring**

|                                                   |                                         |   |  |
|---------------------------------------------------|-----------------------------------------|---|--|
| MUS 233                                           | Music Theory VI                         | 2 |  |
| MUS 269                                           | Survey of Music History 1800 to Present | 4 |  |
| Third term of first-year second-language sequence |                                         | 5 |  |

|                                |    |
|--------------------------------|----|
| Upper-division elective course | 2  |
| Credits                        | 13 |
| Total Credits                  | 43 |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

Third Year

|                                                    |                                                        |    |  |
|----------------------------------------------------|--------------------------------------------------------|----|--|
| Fall                                               |                                                        |    |  |
| MUS 405                                            | Reading and Conference: [Topic]<br>(Junior Colloquium) | 3  |  |
| ARH 204                                            | History of Western Art I                               | 4  |  |
| First term of second-year second-language sequence |                                                        | 4  |  |
| General education course in social science         |                                                        | 4  |  |
| Credits                                            |                                                        | 15 |  |

Winter

|                                                     |                           |    |  |
|-----------------------------------------------------|---------------------------|----|--|
| MUS 327                                             | Analysis: [Topic]         | 3  |  |
| ARH 205                                             | History of Western Art II | 4  |  |
| Second term of second-year second-language sequence |                           | 4  |  |
| General education course in science                 |                           | 4  |  |
| Credits                                             |                           | 15 |  |

Spring

|                                                    |                            |    |  |
|----------------------------------------------------|----------------------------|----|--|
| MUS 327                                            | Analysis: [Topic]          | 3  |  |
| ARH 206                                            | History of Western Art III | 4  |  |
| Third term of second-year second-language sequence |                            | 4  |  |
| Upper-division social science group course         |                            | 4  |  |
| Credits                                            |                            | 15 |  |
| Total Credits                                      |                            | 45 |  |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

Fourth Year

|                                     |                                                        |    |  |
|-------------------------------------|--------------------------------------------------------|----|--|
| Fall                                |                                                        |    |  |
| MUS 435                             | Counterpoint                                           | 4  |  |
| MUS 405                             | Reading and Conference: [Topic]<br>(Senior Colloquium) | 3  |  |
| Upper-division science group course |                                                        | 4  |  |
| Elective course                     |                                                        | 4  |  |
| Credits                             |                                                        | 15 |  |

Winter

|                                            |                                  |    |  |
|--------------------------------------------|----------------------------------|----|--|
| MUS 452                                    | Musical Instruments of the World | 4  |  |
| MUS 499                                    | Senior Project                   | 3  |  |
| Upper-division social science group course |                                  | 4  |  |
| Science group course                       |                                  | 4  |  |
| Credits                                    |                                  | 15 |  |

Spring

|                                            |                       |    |  |
|--------------------------------------------|-----------------------|----|--|
| MUS 359                                    | Music of the Americas | 4  |  |
| MUS 499                                    | Senior Project        | 3  |  |
| Upper-division social science group course |                       | 4  |  |
| Science group course                       |                       | 4  |  |
| Credits                                    |                       | 15 |  |
| Total Credits                              |                       | 45 |  |

Bachelor of Arts in Music (Music Theory Concentration)

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

First Year

|         |                                    |    |  |
|---------|------------------------------------|----|--|
| Fall    |                                    |    |  |
| MUS 131 | Music Theory I                     | 2  |  |
| MUS 134 | Aural Skills I                     | 2  |  |
| MUS 137 | Keyboard Skills I                  | 1  |  |
| MUS 397 | Chorus: [Topic]                    | 2  |  |
| MUP 165 | Music Performance Studies: [Topic] | 2  |  |
| MUS 358 | Music in World Cultures            | 4  |  |
| Credits |                                    | 13 |  |

Winter

|         |                                    |    |  |
|---------|------------------------------------|----|--|
| MUS 132 | Music Theory II                    | 2  |  |
| MUS 135 | Aural Skills II                    | 2  |  |
| MUS 138 | Keyboard Skills II                 | 1  |  |
| MUS 397 | Chorus: [Topic]                    | 2  |  |
| MUP 165 | Music Performance Studies: [Topic] | 2  |  |
| WR 121Z | Composition I                      | 4  |  |
| Credits |                                    | 13 |  |

Spring

|               |                                    |    |  |
|---------------|------------------------------------|----|--|
| MUS 133       | Music Theory III                   | 2  |  |
| MUS 136       | Aural Skills III                   | 2  |  |
| MUS 139       | Keyboard Skills III                | 1  |  |
| MUS 397       | Chorus: [Topic]                    | 2  |  |
| MUP 165       | Music Performance Studies: [Topic] | 2  |  |
| WR 123        | College Composition III            | 4  |  |
| Credits       |                                    | 13 |  |
| Total Credits |                                    | 39 |  |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

Second Year

|                                                   |                                    |    |  |
|---------------------------------------------------|------------------------------------|----|--|
| Fall                                              |                                    |    |  |
| MUS 231                                           | Music Theory IV                    | 2  |  |
| MUS 234                                           | Aural Skills IV                    | 2  |  |
| MUS 267                                           | History of Music 800 to 1600       | 4  |  |
| MUP 165                                           | Music Performance Studies: [Topic] | 2  |  |
| First term of first-year second-language sequence |                                    | 5  |  |
| Credits                                           |                                    | 15 |  |

Winter

|                                                    |                                      |    |  |
|----------------------------------------------------|--------------------------------------|----|--|
| MUS 232                                            | Music Theory V                       | 2  |  |
| MUS 235                                            | Aural Skills V                       | 2  |  |
| MUS 268                                            | Survey of Music History 1600 to 1800 | 4  |  |
| MUP 165                                            | Music Performance Studies: [Topic]   | 2  |  |
| Second term of first-year second-language sequence |                                      | 5  |  |
| Credits                                            |                                      | 15 |  |

Spring

|         |                                         |   |  |
|---------|-----------------------------------------|---|--|
| MUS 233 | Music Theory VI                         | 2 |  |
| MUS 269 | Survey of Music History 1800 to Present | 4 |  |
| MUP 165 | Music Performance Studies: [Topic]      | 2 |  |

|                                                   |                       |           |
|---------------------------------------------------|-----------------------|-----------|
| Third term of first-year second-language sequence | Enrollment checkpoint | 5         |
| <b>Credits</b>                                    |                       | <b>13</b> |

**Summer**

|                                        |  |           |
|----------------------------------------|--|-----------|
| Social science Group-satisfying course |  | 4         |
| <b>Credits</b>                         |  | <b>4</b>  |
| <b>Total Credits</b>                   |  | <b>47</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|                                                    |                   |   |
|----------------------------------------------------|-------------------|---|
| MUS 433                                            | Counterpoint      | 4 |
| MUS 327                                            | Analysis: [Topic] | 3 |
| MUS 240                                            | Composition I     | 3 |
| First term of second-year second-language sequence |                   | 4 |
| Science group-satisfying course                    |                   | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>18</b> |
|----------------|-----------|

**Winter**

|                                                     |                                     |   |
|-----------------------------------------------------|-------------------------------------|---|
| MUS 327                                             | Analysis: [Topic]                   | 3 |
| MUS 434                                             | Counterpoint                        | 4 |
| MUS 241                                             | Composition I (Elective category 1) | 3 |
| Second term of second-year second-language sequence |                                     | 4 |
| Arts and letters group-satisfying course            |                                     | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>18</b> |
|----------------|-----------|

**Spring**

|                                                    |                   |   |
|----------------------------------------------------|-------------------|---|
| MUS 435                                            | Counterpoint      | 4 |
| MUS 327                                            | Analysis: [Topic] | 3 |
| MUS 405 (Junior Colloquium)                        |                   | 3 |
| Third term of second-year second-language sequence |                   | 4 |
| Social science group-satisfying course             |                   | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>18</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>54</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                          |                                                     |   |
|------------------------------------------|-----------------------------------------------------|---|
| MUS 416                                  | Post-Tonal Theory I                                 | 3 |
| MUS 430                                  | Tonal Analysis: Linear Prolongational Analysis      | 3 |
| MUS 405                                  | Reading and Conference: [Topic] (Senior Colloquium) | 3 |
| Arts and letters group-satisfying course |                                                     | 4 |
| Science group-satisfying course          |                                                     | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Winter**

|                                                                                             |                      |   |
|---------------------------------------------------------------------------------------------|----------------------|---|
| MUS 417                                                                                     | Post-Tonal Theory II | 3 |
| MUS 499                                                                                     | Senior Project       | 3 |
| Upper-division arts and letters group-satisfying course                                     |                      | 4 |
| Social science group course that also satisfies American cultures multicultural requirement |                      | 4 |
| Science group-satisfying course                                                             |                      | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>18</b> |
|----------------|-----------|

**Spring**

|                                                       |                       |   |
|-------------------------------------------------------|-----------------------|---|
| MUS 499                                               | Senior Project        | 3 |
| MUS 359                                               | Music of the Americas | 4 |
| Upper-division social science group-satisfying course |                       | 4 |
| Arts and letters group-satisfying course              |                       | 4 |
| Science group-satisfying course                       |                       | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>19</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>54</b> |
|----------------------|-----------|

**Bachelor of Science in Music (Music Technology Concentration)**

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**First Year****Fall**

|         |                                    |   |
|---------|------------------------------------|---|
| MUS 131 | Music Theory I                     | 2 |
| MUS 134 | Aural Skills I                     | 2 |
| MUS 137 | Keyboard Skills I                  | 1 |
| MUS 447 | Digital Audio and Sound Design     | 4 |
| MUS 358 | Music in World Cultures            | 4 |
| MUP 165 | Music Performance Studies: [Topic] | 2 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>15</b> |
|----------------|-----------|

**Winter**

|         |                                    |   |
|---------|------------------------------------|---|
| MUS 132 | Music Theory II                    | 2 |
| MUS 135 | Aural Skills II                    | 2 |
| MUS 138 | Keyboard Skills II                 | 1 |
| MUS 448 | Interactive Media Performance      | 3 |
| MUP 165 | Music Performance Studies: [Topic] | 2 |
| WR 121Z | Composition I                      | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>14</b> |
|----------------|-----------|

**Spring**

|                   |                                           |   |
|-------------------|-------------------------------------------|---|
| MUS 133           | Music Theory III                          | 2 |
| MUS 136           | Aural Skills III                          | 2 |
| MUS 139           | Keyboard Skills III                       | 1 |
| MUP 165           | Music Performance Studies: [Topic]        | 2 |
| CS 110            | Fluency with Information Technology       | 4 |
| WR 122Z or WR 123 | Composition II or College Composition III | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>15</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>44</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|         |                                        |   |
|---------|----------------------------------------|---|
| MUS 231 | Music Theory IV                        | 2 |
| MUS 267 | History of Music 800 to 1600           | 4 |
| CS 111  | Introduction to Web Programming        | 4 |
| MUS 476 | Digital Audio Workstation Techniques I | 3 |
| MUS 395 | Band: [Topic]                          | 2 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>15</b> |
|----------------|-----------|

**Winter**

|         |                                      |   |
|---------|--------------------------------------|---|
| MUS 232 | Music Theory V                       | 2 |
| MUS 268 | Survey of Music History 1600 to 1800 | 4 |

|                                 |                                          |    |
|---------------------------------|------------------------------------------|----|
| MUS 477                         | Digital Audio Workstation Techniques II  | 3  |
| MUS 395                         | Band: [Topic]                            | 2  |
| Science group-satisfying course |                                          | 4  |
| Credits                         |                                          | 15 |
| Spring                          |                                          |    |
| MUS 233                         | Music Theory VI                          | 2  |
| MUS 269                         | Survey of Music History 1800 to Present  | 4  |
| MUS 227                         | Elements of Electronic Music             | 4  |
| MUS 478                         | Digital Audio Workstation Techniques III | 3  |
| MUS 395                         | Band: [Topic]                            | 2  |
| Credits                         |                                          | 15 |
| Total Credits                   |                                          | 45 |

| Course                                   | Title                                           | Credits | Milestones |
|------------------------------------------|-------------------------------------------------|---------|------------|
| Third Year                               |                                                 |         |            |
| Fall                                     |                                                 |         |            |
| MUS 445                                  | Electronic Composition                          | 3       |            |
| MUS 470                                  | History of Electroacoustic Music                | 3       |            |
| MUS 393                                  | Oregon Electronic Device Orchestra              | 2       |            |
| PHYS 152                                 | Physics of Sound and Music                      | 4       |            |
| CS 122                                   | Introduction to Programming and Problem Solving | 4       |            |
| Credits                                  |                                                 | 16      |            |
| Winter                                   |                                                 |         |            |
| MUS 445                                  | Electronic Composition                          | 3       |            |
| MUS 393                                  | Oregon Electronic Device Orchestra              | 2       |            |
| MUS 351                                  | History of Jazz, 1940 to Present                | 4       |            |
| MUS 327                                  | Analysis: [Topic] (Music Elective)              | 3       |            |
| Arts and letters group-satisfying course |                                                 | 4       |            |
| Credits                                  |                                                 | 16      |            |
| Spring                                   |                                                 |         |            |
| MUS 445                                  | Electronic Composition                          | 3       |            |
| MUS 393                                  | Oregon Electronic Device Orchestra              | 2       |            |
| MUS 363                                  | The Beatles and Their Times                     | 4       |            |
| Social science group-satisfying course   |                                                 | 4       |            |
| Credits                                  |                                                 | 13      |            |
| Total Credits                            |                                                 | 45      |            |

| Course                                 | Title                         | Credits | Milestones                    |
|----------------------------------------|-------------------------------|---------|-------------------------------|
| Fourth Year                            |                               |         |                               |
| Fall                                   |                               |         |                               |
| MUS 445                                | Electronic Composition        | 3       | Pass<br>Brown<br>Book<br>exam |
| MUS 480                                | Audio Production Techniques I | 3       |                               |
| MUS 397                                | Chorus: [Topic]               | 2       |                               |
| Social science group-satisfying course |                               | 4       |                               |
| Science group-satisfying course        |                               | 4       |                               |
| Credits                                |                               | 16      |                               |

|                                          |                               |    |
|------------------------------------------|-------------------------------|----|
| Winter                                   |                               |    |
| MUS 445                                  | Electronic Composition        | 3  |
| MUS 481                                  | Audio Recording Techniques II | 3  |
| MUS 490                                  | Balinese Gamelan              | 2  |
| Arts and letters group-satisfying course |                               | 4  |
| Social science group-satisfying course   |                               | 4  |
| Credits                                  |                               | 16 |
| Spring                                   |                               |    |
| MUS 445                                  | Electronic Composition        | 3  |
| MUS 499                                  | Senior Project                | 3  |
| MUS 395                                  | Band: [Topic]                 | 2  |
| Arts and letters group-satisfying course |                               | 4  |
| Social science group-satisfying course   |                               | 4  |
| Credits                                  |                               | 16 |
| Total Credits                            |                               | 48 |

## Music Composition (BMus)

At the core of Oregon's composition program is a thriving artistic community of forty to forty-five undergraduate, master's, and doctoral composers. Our comprehensive approach integrates compositional studies with theory, history, ethnomusicology, intermedia technology, contemporary performance practice, multimedia collaboration, and an intensive career development seminar. Our diverse yet focused curriculum prepares each student for a future as a professional composer.

Many of our students are accomplished instrumentalists, vocalists, and/or conductors, and as part of our program, they continually perform their own music and the works of their colleagues. Opportunities abound for the performance of new music through the Oregon Composers Forum, Music Today Festival, Oregon Bach Festival Composers Symposium, Composing for Orchestra Seminar, and Pacific Rim Gamelan, as well as any of our five student-run new music ensembles.

### Program's Admission Requirements

Please visit the program's website (<https://musicanddance.uoregon.edu/apply/>).

### Program Learning Outcomes

- Upon successful completion of this program, students will be able to:
- General Studies Competencies: Think, speak, and write clearly and effectively.
  - General Studies Competencies: A familiarity with fields of study beyond music such as those in the arts and humanities, the natural and physical sciences, and the social sciences.
  - General Studies Competencies: A functional awareness of the differences and commonalities regarding work in artistic, scientific, and humanistic domains.
  - General Studies Competencies: Awareness that multiple disciplinary perspectives and techniques are available to consider all issues and responsibilities including, but not limited to history, culture, moral and ethical issues, and decision-making.
  - General Studies Competencies: The ability to identify possibilities and locate information in other fields that have bearing on musical questions and endeavors.

- Common Body of Musical Knowledge and Skills - Performance: Technical skills requisite for artistic self-expression in at least one major performance area at a level appropriate for the particular music degree.
- Common Body of Musical Knowledge and Skills - Performance: An overview understanding of the repertory in their major performance area and the ability to perform from a cross-section of that repertory.
- Common Body of Musical Knowledge and Skills - Performance: The ability to read at sight with fluency demonstrating both general musicianship and, in the major performance area, a level of skill relevant to professional standards appropriate for the particular music degree.
- Common Body of Musical Knowledge and Skills - Performance: Knowledge and skills sufficient to work as a leader and in collaboration on matters of musical interpretation. Rehearsal and conducting skills are required as appropriate to the particular music degree.
- Common Body of Musical Knowledge and Skills - Performance: Keyboard competency.
- Common Body of Musical Knowledge and Skills - Performance: Growth in artistry, technical skills, collaborative competence and knowledge of repertory through regular ensemble experiences. Ensembles should be varied both in size and nature.
- Musicianship Skills and Analysis: An understanding of the common elements and organizational patterns of music and their interaction, the ability to employ this understanding in aural, verbal, and visual analyses, and the ability to take aural dictation.
- Musicianship Skills and Analysis: Sufficient understanding of and capability with musical forms, processes, and structures to use this knowledge and skill in compositional, performance, analytical, scholarly, and pedagogical applications according to the requisites of their specializations.
- Musicianship Skills and Analysis: The ability to place music in historical, cultural, and stylistic contexts.
- Composition/Improvisation: Students must acquire a rudimentary capacity to create original or derivative music: written, electronic, or improvisatory forms and methods. These may include but are not limited to the creation of original compositions or improvisations, variations or improvisations on existing materials, experimentation with various sound sources, the imitation of musical styles, and manipulating the common elements in non-traditional ways. A basic understanding of how to work freely and cogently with musical materials in various composition-based activities, particularly those most associated with the major field shall be demonstrated.
- History and Repertory: Students must acquire basic knowledge of music history and repertoires through the present time, including study and experience of musical language and achievement in addition to that of the primary culture encompassing the area of specialization.
- Synthesis: While synthesis is a lifetime process, by the end of undergraduate study students must be able to work on musical problems by combining, as appropriate to the issue, their capabilities in performance; aural, verbal, and visual analysis; composition/improvisation; and history and repertory.

## Music Composition Major Requirements

| Code                     | Title              | Credits |
|--------------------------|--------------------|---------|
| <b>Core Requirements</b> |                    |         |
| MUS 131–133              | Music Theory I-III | 6       |

|             |                                         |   |
|-------------|-----------------------------------------|---|
| MUS 231–233 | Music Theory IV-VI                      | 6 |
| MUS 134–136 | Aural Skills I-III                      | 6 |
| MUS 234     | Aural Skills IV                         | 2 |
| MUS 235     | Aural Skills V                          | 2 |
| MUS 137–139 | Keyboard Skills I-III                   | 3 |
| MUS 267     | History of Music 800 to 1600            | 4 |
| MUS 268     | Survey of Music History 1600 to 1800    | 4 |
| MUS 269     | Survey of Music History 1800 to Present | 4 |
| MUS 358     | Music in World Cultures                 | 4 |
| MUS 327     | Analysis: [Topic] (three terms)         | 9 |

### Music Composition Requirements

|                                  |                                  |     |
|----------------------------------|----------------------------------|-----|
| Performance Studies <sup>1</sup> |                                  | 12  |
| Ensemble (at least nine terms)   |                                  | 18  |
| MUS 240–242                      | Composition I                    | 9   |
| MUS 340–342                      | Composition II                   | 9   |
| MUS 440–442                      | Composition III                  | 9   |
| MUS 384                          | Introduction to Conducting       | 2   |
| MUS 430–431                      | Schenkerian Analysis             | 6   |
| MUS 433–435                      | Counterpoint                     | 12  |
| MUS 407                          | Seminar: [Topic] (Orchestration) | 2   |
| MUS 446                          | Music Engraving                  | 2   |
| Select one of the following:     |                                  | 3–4 |

|                              |                                   |
|------------------------------|-----------------------------------|
| MUS 447                      | Digital Audio and Sound Design    |
| MUS 448                      | Interactive Media Performance     |
| Select one of the following: | 2-4                               |
| MUS 359                      | Music of the Americas             |
| MUS 365                      | Regional Ethnomusicology: [Topic] |
| MUS 367                      | Survey of African Music           |
| MUS 451                      | Introduction to Ethnomusicology   |
| MUS 452                      | Musical Instruments of the World  |
| MUS 490                      | Balinese Gamelan                  |

|                             |                |
|-----------------------------|----------------|
| Senior Recital <sup>2</sup> |                |
| <b>Total Credits</b>        | <b>136-139</b> |

- <sup>1</sup> Music Composition students must take 6 consecutive terms of MUP 165 on piano only, with exceptions allowed by proficiency examination administered by Composition faculty (which may be taken at the end of any of the first five terms of MUP 165 on piano).
- <sup>2</sup> A public performance of compositions written by the student under the guidance of the composition faculty. Final approval of the student's recital and general qualifications are provided by the composition faculty.
- <sup>3</sup> For continued enrollment in the Music Composition major, students must successfully complete the music Core Courses (listed above) with grades of C- or better. They must also successfully complete the Composition I series (MUS 240, 241, 242) with grades of B- or better. Lastly, students may retake only one course in the nine-quarter Composition course sequence (Composition I, II & III series) in which they earn a C+ or lower.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*



| Course                                                                          | Title                                                                                                                  | Credits   | Milestones            |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------|
| <b>First Year</b>                                                               |                                                                                                                        |           |                       |
| <b>Fall</b>                                                                     |                                                                                                                        |           |                       |
| MUS 131                                                                         | Music Theory I                                                                                                         | 2         |                       |
| MUS 134                                                                         | Aural Skills I                                                                                                         | 2         |                       |
| MUS 137                                                                         | Keyboard Skills I                                                                                                      | 1         |                       |
| MUS 395                                                                         | Band: [Topic]                                                                                                          | 2         |                       |
| MUP 165                                                                         | Music Performance Studies: [Topic]                                                                                     | 2         |                       |
| MUS 358                                                                         | Music in World Cultures (Arts and letters group course that satisfies International culture multicultural requirement) | 4         |                       |
| <b>Credits</b>                                                                  |                                                                                                                        | <b>13</b> |                       |
| <b>Winter</b>                                                                   |                                                                                                                        |           |                       |
| MUS 132                                                                         | Music Theory II                                                                                                        | 2         |                       |
| MUS 135                                                                         | Aural Skills II                                                                                                        | 2         |                       |
| MUS 138                                                                         | Keyboard Skills II                                                                                                     | 1         |                       |
| MUS 395                                                                         | Band: [Topic]                                                                                                          | 2         |                       |
| MUP 165                                                                         | Music Performance Studies: [Topic]                                                                                     | 2         |                       |
| WR 121Z                                                                         | Composition I                                                                                                          | 4         |                       |
| <b>Credits</b>                                                                  |                                                                                                                        | <b>13</b> |                       |
| <b>Spring</b>                                                                   |                                                                                                                        |           |                       |
| MUS 133                                                                         | Music Theory III                                                                                                       | 2         |                       |
| MUS 136                                                                         | Aural Skills III                                                                                                       | 2         |                       |
| MUS 139                                                                         | Keyboard Skills III                                                                                                    | 1         |                       |
| MUS 395                                                                         | Band: [Topic]                                                                                                          | 2         |                       |
| MUP 165                                                                         | Music Performance Studies: [Topic]                                                                                     | 2         |                       |
| WR 122Z                                                                         | Composition II                                                                                                         | 4         |                       |
| <b>Credits</b>                                                                  |                                                                                                                        | <b>13</b> |                       |
| <b>Total Credits</b>                                                            |                                                                                                                        | <b>39</b> |                       |
| <b>Second Year</b>                                                              |                                                                                                                        |           |                       |
| <b>Fall</b>                                                                     |                                                                                                                        |           |                       |
| MUS 231                                                                         | Music Theory IV                                                                                                        | 2         |                       |
| MUS 234                                                                         | Aural Skills IV                                                                                                        | 2         |                       |
| MUS 267                                                                         | History of Music 800 to 1600                                                                                           | 4         |                       |
| MUS 395                                                                         | Band: [Topic]                                                                                                          | 2         |                       |
| MUP 165                                                                         | Music Performance Studies: [Topic]                                                                                     | 2         |                       |
| MUS 240                                                                         | Composition I                                                                                                          | 3         | Enrollment checkpoint |
| <b>Credits</b>                                                                  |                                                                                                                        | <b>15</b> |                       |
| <b>Winter</b>                                                                   |                                                                                                                        |           |                       |
| MUS 232                                                                         | Music Theory V                                                                                                         | 2         |                       |
| MUS 235                                                                         | Aural Skills V                                                                                                         | 2         |                       |
| MUS 268                                                                         | Survey of Music History 1600 to 1800                                                                                   | 4         |                       |
| MUS 395                                                                         | Band: [Topic]                                                                                                          | 2         |                       |
| MUP 165                                                                         | Music Performance Studies: [Topic]                                                                                     | 2         |                       |
| MUS 241                                                                         | Composition I                                                                                                          | 3         |                       |
| <b>Credits</b>                                                                  |                                                                                                                        | <b>15</b> |                       |
| <b>Spring</b>                                                                   |                                                                                                                        |           |                       |
| MUS 233                                                                         | Music Theory VI                                                                                                        | 2         |                       |
| <b>Third Year</b>                                                               |                                                                                                                        |           |                       |
| <b>Fall</b>                                                                     |                                                                                                                        |           |                       |
| MUS 340                                                                         | Composition II                                                                                                         | 3         |                       |
| MUS 433                                                                         | Counterpoint                                                                                                           | 4         |                       |
| MUS 407                                                                         | Seminar: [Topic]                                                                                                       | 2         | Orchestration         |
| MUS 395                                                                         | Band: [Topic]                                                                                                          | 2         |                       |
| Science group-satisfying course                                                 |                                                                                                                        | 4         |                       |
| <b>Credits</b>                                                                  |                                                                                                                        | <b>15</b> |                       |
| <b>Winter</b>                                                                   |                                                                                                                        |           |                       |
| MUS 341                                                                         | Composition II                                                                                                         | 3         |                       |
| MUS 434                                                                         | Counterpoint                                                                                                           | 4         |                       |
| MUS 384                                                                         | Introduction to Conducting                                                                                             | 2         |                       |
| MUS 490                                                                         | Balinese Gamelan (Ensemble, Ethnomusicology)                                                                           | 2         |                       |
| Arts and letters group-satisfying course                                        |                                                                                                                        | 4         |                       |
| <b>Credits</b>                                                                  |                                                                                                                        | <b>15</b> |                       |
| <b>Spring</b>                                                                   |                                                                                                                        |           |                       |
| MUS 342                                                                         | Composition II                                                                                                         | 3         |                       |
| MUS 435                                                                         | Counterpoint                                                                                                           | 4         |                       |
| MUS 327                                                                         | Analysis: [Topic]                                                                                                      | 3         |                       |
| MUS 395                                                                         | Band: [Topic]                                                                                                          | 2         |                       |
| Social science group-satisfying course                                          |                                                                                                                        | 4         |                       |
| <b>Credits</b>                                                                  |                                                                                                                        | <b>16</b> |                       |
| <b>Total Credits</b>                                                            |                                                                                                                        | <b>46</b> |                       |
| <b>Fourth Year</b>                                                              |                                                                                                                        |           |                       |
| <b>Fall</b>                                                                     |                                                                                                                        |           |                       |
| MUS 327                                                                         | Analysis: [Topic]                                                                                                      | 3         |                       |
| MUS 440                                                                         | Composition III                                                                                                        | 3         |                       |
| MUS 430                                                                         | Tonal Analysis: Linear Prolongational Analysis                                                                         | 3         |                       |
| Social science group-satisfying course that satisfies multicultural requirement |                                                                                                                        | 4         |                       |
| Science group-satisfying course                                                 |                                                                                                                        | 4         |                       |
| Senior recital                                                                  |                                                                                                                        |           |                       |
| <b>Credits</b>                                                                  |                                                                                                                        | <b>17</b> |                       |
| <b>Winter</b>                                                                   |                                                                                                                        |           |                       |
| MUS 327                                                                         | Analysis: [Topic]                                                                                                      | 3         |                       |
| MUS 441                                                                         | Composition III                                                                                                        | 3         |                       |
| MUS 431                                                                         | Tonal Analysis: Form in Tonal Music                                                                                    | 3         |                       |

|                                                              |           |
|--------------------------------------------------------------|-----------|
| Social science group-satisfying course                       | 4         |
| <b>Credits</b>                                               | <b>13</b> |
| <b>Spring</b>                                                |           |
| MUS 442 Composition III                                      | 3         |
| MUS 447 Digital Audio and Sound Design<br>(Electronic Music) | 4         |
| Arts and letters group-satisfying course                     | 4         |
| Science group-satisfying course                              | 4         |
| Senior recital                                               |           |
| <b>Credits</b>                                               | <b>15</b> |
| <b>Total Credits</b>                                         | <b>45</b> |

## Music Education (BMME)

The UO's music education program is among the most comprehensive and innovative in the western United States, and the only one in Oregon to offer bachelor's, master's, and doctoral degrees. Our faculty members provide expertise in band, choral, elementary general, and string music education. UO is among only a handful of West Coast schools to offer music teacher licensure within the four-year bachelor's degree.

For more than two decades, nearly 100 percent of UO music education graduates seeking employment as K–12 public school music teachers have received job offers upon graduation. Our alumni teach throughout the United States and internationally, including in China, Italy, Spain, and Vietnam. For future music teachers, a UO music education degree signals outstanding preparation through a rigorous and comprehensive program.

### Program's Admission Requirements

Please visit the program's website (<https://musicanddance.uoregon.edu/apply/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- General Studies - Competencies: Think, speak, and write clearly and effectively.
- General Studies - Competencies: A familiarity with fields of study beyond music such as those in the arts and humanities, the natural and physical sciences, and the social sciences.
- General Studies - Competencies: A functional awareness of the differences and commonalities regarding work in artistic, scientific, and humanistic domains.
- General Studies - Competencies: Awareness that multiple disciplinary perspectives and techniques are available to consider all issues and responsibilities including, but not limited to history, culture, moral and ethical issues, and decision-making.
- General Studies - Competencies: The ability to identify possibilities and locate information in other fields that have bearing on musical questions and endeavors.
- Common Body of Musical Knowledge and Skills -Performance: Technical skills requisite for artistic self-expression in at least one major performance area at a level appropriate for the particular music degree.
- Common Body of Musical Knowledge and Skills -Performance: An overview understanding of the repertoire in their major performance area and the ability to perform from a cross-section of that repertoire.

- Common Body of Musical Knowledge and Skills -Performance: The ability to read at sight with fluency demonstrating both general musicianship and, in the major performance area, a level of skill relevant to professional standards appropriate for the particular music degree.
- Common Body of Musical Knowledge and Skills -Performance: Knowledge and skills sufficient to work as a leader and in collaboration on matters of musical interpretation. Rehearsal and conducting skills are required as appropriate to the particular music degree.
- Common Body of Musical Knowledge and Skills -Performance: Keyboard competency.
- Common Body of Musical Knowledge and Skills -Performance: Growth in artistry, technical skills, collaborative competence and knowledge of repertoire through regular ensemble experiences. Ensembles should be varied both in size and nature.
- Musicianship Skills and Analysis: An understanding of the common elements and organizational patterns of music and their interaction, the ability to employ this understanding in aural, verbal, and visual analyses, and the ability to take aural dictation.
- Musicianship Skills and Analysis: Sufficient understanding of and capability with musical forms, processes, and structures to use this knowledge and skill in compositional, performance, analytical, scholarly, and pedagogical applications according to the requisites of their specializations.
- Musicianship Skills and Analysis: The ability to place music in historical, cultural, and stylistic contexts.
- Composition/Improvisation: Students must acquire a rudimentary capacity to create original or derivative music: written, electronic, or improvisatory forms and methods. These may include but are not limited to the creation of original compositions or improvisations, variations or improvisations on existing materials, experimentation with various sound sources, the imitation of musical styles, and manipulating the common elements in non-traditional ways. A basic understanding of how to work freely and cogently with musical materials in various composition-based activities, particularly those most associated with the major field shall be demonstrated.
- History and Repertory: Students must acquire basic knowledge of music history and repertoires through the present time, including study and experience of musical language and achievement in addition to that of the primary culture encompassing the area of specialization.
- Synthesis: While synthesis is a lifetime process, by the end of undergraduate study students must be able to work on musical problems by combining, as appropriate to the issue, their capabilities in performance; aural, verbal, and visual analysis; composition/improvisation; and history and repertory.

### Music Education Major Requirements

The minimum grade requirement of B- will apply to all coursework towards the degree that contains the MUE subject code, as well as MUS 155, MUS 156, MUS 484 and MUS 486.

| Code                     | Title              | Credits |
|--------------------------|--------------------|---------|
| <b>Core Requirements</b> |                    |         |
| MUS 131–133              | Music Theory I–III | 6       |
| MUS 231–233              | Music Theory IV–VI | 6       |
| MUS 134–136              | Aural Skills I–III | 6       |
| MUS 234                  | Aural Skills IV    | 2       |

|                                     |                                                                           |                |
|-------------------------------------|---------------------------------------------------------------------------|----------------|
| MUS 235                             | Aural Skills V                                                            | 2              |
| MUS 137–139                         | Keyboard Skills I-III                                                     | 3              |
| MUS 267                             | History of Music 800 to 1600                                              | 4              |
| MUS 268                             | Survey of Music History 1600 to 1800                                      | 4              |
| MUS 269                             | Survey of Music History 1800 to Present                                   | 4              |
| MUS 358                             | Music in World Cultures                                                   | 4              |
| MUS 327                             | Analysis: [Topic] (one term)                                              | 3              |
| <b>Music Education Core</b>         |                                                                           |                |
| MUE 126                             | Orientation to Music Education                                            | 1              |
| PSY 202                             | Mind and Society                                                          | 4              |
| MUE 326                             | Foundations of Music Education                                            | 3              |
| MUE 406                             | Field Studies: [Topic] (Practicum Public Schools (Two, 2 credit courses)) | 4              |
| MUE 407                             | Seminar: [Topic] (Student Teaching)                                       | 1              |
| MUE 412                             | Elementary Music Methods                                                  | 3              |
| MUE 429                             | Music in Special Education                                                | 3              |
| MUE 430                             | Music Classroom Management                                                | 3              |
| MUE 486                             | Teaching Laboratory II                                                    | 1              |
| MUE 432                             | Music in School and Society                                               | 3              |
| MUE 438                             | Curricular Strategies in Music Education                                  | 3              |
| Ensemble, ten terms <sup>1, 2</sup> |                                                                           | 19             |
| Performance Studies <sup>3</sup>    |                                                                           | 18             |
| <b>Specialty Requirements</b>       |                                                                           | <b>17-26</b>   |
| <b>Total Credits</b>                |                                                                           | <b>127-136</b> |

<sup>1</sup> For band track students only, during the first nine terms, all students enroll in a conducted large ensemble. During the 10th term, students enroll in Small Jazz Ensemble: [Topic] (MUJ 395).

<sup>2</sup> Students receiving a School of Music and Dance scholarship enroll in a conducted large ensemble for 11 terms.

<sup>3</sup> Six terms at the MUP 265 level and three terms at the MUP 365 level, with concurrent enrollment in assigned ensemble.

Band Specialty

| Code    | Title                                              | Credits |
|---------|----------------------------------------------------|---------|
| MUE 387 | Teaching Laboratory I                              | 1       |
| MUE 388 | Teaching Laboratory I                              | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Saxophone Tech)  | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Flute, Clarinet) | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (High Brass)      | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Low Brass)       | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Oboe, Bassoon)   | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Percussion)      | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Strings)         | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Voice)           | 1       |
| MUE 407 | Seminar: [Topic] (Band Materials)                  | 3       |
| MUE 411 | Band Methods                                       | 3       |
| MUE 455 | Marching Band Methods                              | 3       |

| MUS 486                 | Instrumental Conducting                                                | 3         |
|-------------------------|------------------------------------------------------------------------|-----------|
| <b>Total Credits</b>    |                                                                        | <b>22</b> |
| <b>Choral Specialty</b> |                                                                        |           |
| Code                    | Title                                                                  | Credits   |
| MUS 155–156             | Introduction to Lyric Diction                                          | 4         |
| MUE 392                 | Instrumental Techniques: [Topic] (High Brass OR Low Brass Tech)        | 1         |
| MUE 392                 | Instrumental Techniques: [Topic] (Flute/ Clarinet Tech)                | 1         |
| MUE 392                 | Instrumental Techniques: [Topic] (Percussion Tech)                     | 1         |
| MUE 392                 | Instrumental Techniques: [Topic] (High String Tech OR Low String Tech) | 1         |
| MUE 386–388             | Teaching Laboratory I                                                  | 3         |
| MUE 413                 | Secondary Choral Methods                                               | 3         |
| MUE 442                 | Teaching Singing in the Classroom                                      | 3         |
| MUS 484                 | Choral Conducting and Literature                                       | 3         |
| MUP 163                 | Functional Piano (Taken three times)                                   | 6         |
| <b>Total Credits</b>    |                                                                        | <b>26</b> |

Elementary Specialty

| Code                 | Title                                                                | Credits   |
|----------------------|----------------------------------------------------------------------|-----------|
| MUE 386–388          | Teaching Laboratory I                                                | 3         |
| MUE 392              | Instrumental Techniques: [Topic] (Flute, Clarinet)                   | 1         |
| MUE 392              | Instrumental Techniques: [Topic] (Percussion Tech)                   | 1         |
| MUE 392              | Instrumental Techniques: [Topic] (High Brass Tech OR Low Brass Tech) | 1         |
| MUE 413              | Secondary Choral Methods                                             | 3         |
| MUE 420              | Contemporary Methods in Music Education                              | 3         |
| MUE 442              | Teaching Singing in the Classroom                                    | 3         |
| MUS 486              | Instrumental Conducting                                              | 3         |
| MUP 163              | Functional Piano (Taken three times)                                 | 6         |
| <b>Total Credits</b> |                                                                      | <b>24</b> |

Strings Specialty

| Code    | Title                                                                | Credits |
|---------|----------------------------------------------------------------------|---------|
| MUE 392 | Instrumental Techniques: [Topic] (High Brass Tech OR Low Brass Tech) | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Flute/ Clarinet Tech)              | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (High String Tech)                  | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Low String Tech)                   | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Percussion)                        | 1       |
| MUE 392 | Instrumental Techniques: [Topic] (Voice)                             | 1       |
| MUE 387 | Teaching Laboratory I                                                | 1       |
| MUE 388 | Teaching Laboratory I                                                | 1       |
| MUE 407 | Seminar: [Topic] (String Materials)                                  | 3       |
| MUE 456 | String Methods                                                       | 3       |

|                      |                         |           |
|----------------------|-------------------------|-----------|
| MUS 486              | Instrumental Conducting | 3         |
| <b>Total Credits</b> |                         | <b>17</b> |

## Other Requirements

- A minimum cumulative grade point average (GPA) of 2.75 and at least two years in residence. Students must achieve a B– or better in all courses with the MUE subject code. Those failing to do so must retake the course before enrolling in student teaching
- Continued enrollment in the music education program, for which students typically apply at the end of their sophomore year, requires a minimum cumulative GPA of 2.75, a grade of B– or better in Foundations of Music Education (MUE 326), a successfully completed audition and application, and faculty approval

**Choral option:** Students must also pass three terms of Functional Piano (MUP 163). Students whose primary performance is piano or any other wind, percussion, or stringed instrument, must also complete three terms of voice performance studies at MUP 265.

**Elementary option:** Students must also pass three terms of Functional Piano (MUP 163). Students whose primary performance is piano or any other wind, percussion, or stringed instrument must also complete one term of voice performance studies at MUP 265.

**Instrumental Option (Band and Orchestra).** Piano, organ, recorder, harp, guitar, or other nontraditional instruments may not be used to meet the primary studio option requirements. String speciality students are also required to complete one term of studio instruction on a secondary string instrument at MUP 265.

The current music education checklist is available from the music undergraduate office.

## Four-Year Degree Plan

*The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.*

| Course                          | Title                              | Credits Milestones |
|---------------------------------|------------------------------------|--------------------|
| <b>First Year</b>               |                                    |                    |
| <b>Fall</b>                     |                                    |                    |
| MUS 131                         | Music Theory I                     | 2                  |
| MUS 134                         | Aural Skills I                     | 2                  |
| MUS 137                         | Keyboard Skills I                  | 1                  |
| MUS 395                         | Band: [Topic]                      | 2                  |
| MUP 265                         | Music Performance Studies: [Topic] | 2                  |
| MUS 358                         | Music in World Cultures            | 4                  |
| <b>Credits</b>                  |                                    | <b>13</b>          |
| <b>Winter</b>                   |                                    |                    |
| MUS 132                         | Music Theory II                    | 2                  |
| MUS 135                         | Aural Skills II                    | 2                  |
| MUS 138                         | Keyboard Skills II                 | 1                  |
| MUS 395                         | Band: [Topic]                      | 2                  |
| MUP 265                         | Music Performance Studies: [Topic] | 2                  |
| WR 121Z                         | Composition I                      | 4                  |
| Science group-satisfying course |                                    | 4                  |
| <b>Credits</b>                  |                                    | <b>17</b>          |

## Spring

|                      |                                    |           |
|----------------------|------------------------------------|-----------|
| Placeholder          |                                    |           |
| MUS 133              | Music Theory III                   | 2         |
| MUS 136              | Aural Skills III                   | 2         |
| MUS 139              | Keyboard Skills III                | 1         |
| MUS 395              | Band: [Topic]                      | 2         |
| MUP 265              | Music Performance Studies: [Topic] | 2         |
| WR 123               | College Composition III            | 4         |
| MUE 126              | Orientation to Music Education     | 1         |
| <b>Credits</b>       |                                    | <b>14</b> |
| <b>Total Credits</b> |                                    | <b>44</b> |

| Course                          | Title                                                     | Credits Milestones |
|---------------------------------|-----------------------------------------------------------|--------------------|
| <b>Second Year</b>              |                                                           |                    |
| <b>Fall</b>                     |                                                           |                    |
| MUS 231                         | Music Theory IV                                           | 2                  |
| MUS 234                         | Aural Skills IV                                           | 2                  |
| MUS 267                         | History of Music 800 to 1600                              | 4                  |
| MUS 395                         | Band: [Topic]                                             | 2                  |
| MUP 265                         | Music Performance Studies: [Topic]                        | 2                  |
| MUE 392                         | Instrumental Techniques: [Topic] <sup>High</sup><br>brass | 1                  |
| Science group-satisfying course |                                                           | 4                  |
| <b>Credits</b>                  |                                                           | <b>17</b>          |
| <b>Winter</b>                   |                                                           |                    |
| MUS 232                         | Music Theory V                                            | 2                  |
| MUS 235                         | Aural Skills V                                            | 2                  |
| MUS 268                         | Survey of Music History 1600 to 1800                      | 4                  |
| MUS 395                         | Band: [Topic]                                             | 2                  |
| MUP 265                         | Music Performance Studies: [Topic]                        | 2                  |
| MUE 392                         | Instrumental Techniques: [Topic] <sup>Low</sup><br>brass  | 1                  |
| <b>Credits</b>                  |                                                           | <b>13</b>          |

## Spring

|                      |                                         |                            |
|----------------------|-----------------------------------------|----------------------------|
| MUS 233              | Music Theory VI                         | 2                          |
| MUS 269              | Survey of Music History 1800 to Present | 4                          |
| MUS 395              | Band: [Topic]                           | 2                          |
| MUP 265              | Music Performance Studies: [Topic]      | 2                          |
| MUE 326              | Foundations of Music Education          | Enrollment checkpoint<br>3 |
| <b>Credits</b>       |                                         | <b>13</b>                  |
| <b>Total Credits</b> |                                         | <b>43</b>                  |

| Course            | Title                                                             | Credits Milestones |
|-------------------|-------------------------------------------------------------------|--------------------|
| <b>Third Year</b> |                                                                   |                    |
| <b>Fall</b>       |                                                                   |                    |
| MUS 327           | Analysis: [Topic]                                                 | 3                  |
| MUE 407           | Seminar: [Topic] (Band materials)                                 | 3                  |
| MUS 395           | Band: [Topic]                                                     | 2                  |
| MUP 365           | Music Performance Studies                                         | 2                  |
| MUE 392           | Instrumental Techniques: [Topic] <sup>Flute</sup><br>and clarinet | 1                  |

|         |                                                                        |   |
|---------|------------------------------------------------------------------------|---|
| PSY 202 | Mind and Society <small>Social science group-satisfying course</small> | 4 |
|---------|------------------------------------------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>15</b> |
|----------------|-----------|

**Winter**

|         |                                                           |   |
|---------|-----------------------------------------------------------|---|
| MUE 410 | Experimental Course: [Topic] <small>Jazz Methods</small>  | 3 |
| MUE 406 | Field Studies: [Topic] <small>MUE 410 corequisite</small> | 1 |
| MUS 486 | Instrumental Conducting                                   | 3 |
| MUE 387 | Teaching Laboratory I <small>MUS 486 corequisite</small>  | 1 |
| MUS 395 | Band: [Topic]                                             | 2 |
| MUP 365 | Music Performance Studies                                 | 2 |
| MUE 392 | Instrumental Techniques: [Topic] (Saxophone)              | 1 |
| MUE 392 | Instrumental Techniques: [Topic] (Percussion)             | 1 |
| MUE 432 | Music in School and Society                               | 3 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|                                          |                                                           |   |
|------------------------------------------|-----------------------------------------------------------|---|
| MUE 411                                  | Band Methods                                              | 3 |
| MUE 388                                  | Teaching Laboratory I <small>MUE 411 corequisite</small>  | 1 |
| MUE 406                                  | Field Studies: [Topic] <small>MUE 411 corequisite</small> | 1 |
| MUS 395                                  | Band: [Topic]                                             | 2 |
| MUP 365                                  | Music Performance Studies                                 | 2 |
| MUE 392                                  | Instrumental Techniques: [Topic] (Voice)                  | 1 |
| MUE 392                                  | Instrumental Techniques: [Topic] (Oboe/Bassoon)           | 1 |
| Arts and letters group-satisfying course |                                                           | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>15</b> |
|----------------|-----------|

**Summer**

|         |                            |   |
|---------|----------------------------|---|
| MUE 429 | Music in Special Education | 3 |
| MUE 455 | Marching Band Methods      | 3 |

|                |          |
|----------------|----------|
| <b>Credits</b> | <b>6</b> |
|----------------|----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>53</b> |
|----------------------|-----------|

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                                                      |                                                            |   |
|----------------------------------------------------------------------|------------------------------------------------------------|---|
| MUE 412                                                              | Elementary Music Methods                                   | 3 |
| MUE 486                                                              | Teaching Laboratory II                                     | 1 |
| MUE 406                                                              | Field Studies: [Topic]                                     | 1 |
| MUE 430                                                              | Music Classroom Management                                 | 3 |
| MUJ 395                                                              | Small Jazz Ensemble: [Topic] (Music education small group) | 1 |
| MUE 392                                                              | Instrumental Techniques: [Topic] (String techniques)       | 1 |
| Social science group course that satisfies multicultural requirement |                                                            | 4 |
| Science group-satisfying course                                      |                                                            | 4 |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>18</b> |
|----------------|-----------|

**Winter**

|         |                                     |   |
|---------|-------------------------------------|---|
| MUE 407 | Seminar: [Topic] (Licensure course) | 3 |
| MUS 439 | Scoring for Voices and Instruments  | 3 |

|         |                                          |   |
|---------|------------------------------------------|---|
| MUE 438 | Curricular Strategies in Music Education | 3 |
|---------|------------------------------------------|---|

|                                          |   |
|------------------------------------------|---|
| Arts and letters group-satisfying course | 4 |
|------------------------------------------|---|

|                                        |   |
|----------------------------------------|---|
| Social science group-satisfying course | 4 |
|----------------------------------------|---|

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>17</b> |
|----------------|-----------|

**Spring**

|         |                                           |    |
|---------|-------------------------------------------|----|
| MUE 406 | Field Studies: [Topic] (Student teaching) | 12 |
| MUE 407 | Seminar: [Topic] (Licensure course)       | 1  |

|                |           |
|----------------|-----------|
| <b>Credits</b> | <b>13</b> |
|----------------|-----------|

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>48</b> |
|----------------------|-----------|

## Music Performance (BMus)

The UO School of Music and Dance has the largest full-time, in-residence music faculty on the West Coast north of Los Angeles. The school is grounded in the strength of the traditional canon while concurrently fostering the creation and performance of new work.

Our faculty produce well-rounded, skilled scholars and performers who are flexible leaders with global perspectives and great people skills who become cultural influencers and entrepreneurs.

### Program's Admission Requirements

Please visit the program's website (<https://musicanddance.uoregon.edu/apply/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- General Studies - Competencies: Think, speak, and write clearly and effectively.
- General Studies - Competencies: A familiarity with fields of study beyond music such as those in the arts and humanities, the natural and physical sciences, and the social sciences.
- General Studies - Competencies: A functional awareness of the differences and commonalities regarding work in artistic, scientific, and humanistic domains.
- General Studies - Competencies: Awareness that multiple disciplinary perspectives and techniques are available to consider all issues and responsibilities including, but not limited to history, culture, moral and ethical issues, and decision-making.
- General Studies - Competencies: The ability to identify possibilities and locate information in other fields that have bearing on musical questions and endeavors.
- Common Body of Musical Knowledge and Skills -Performance: Technical skills requisite for artistic self-expression in at least one major performance area at a level appropriate for the particular music degree.
- Common Body of Musical Knowledge and Skills -Performance: An overview understanding of the repertory in their major performance area and the ability to perform from a cross-section of that repertory.
- Common Body of Musical Knowledge and Skills -Performance: The ability to read at sight with fluency demonstrating both general musicianship and, in the major performance area, a level of skill relevant to professional standards appropriate for the particular music degree.



- Common Body of Musical Knowledge and Skills -Performance: Knowledge and skills sufficient to work as a leader and in collaboration on matters of musical interpretation. Rehearsal and conducting skills are required as appropriate to the particular music degree.
- Common Body of Musical Knowledge and Skills -Performance: Keyboard competency.
- Common Body of Musical Knowledge and Skills -Performance: Growth in artistry, technical skills, collaborative competence and knowledge of repertory through regular ensemble experiences. Ensembles should be varied both in size and nature.
- Musicianship Skills and Analysis: An understanding of the common elements and organizational patterns of music and their interaction, the ability to employ this understanding in aural, verbal, and visual analyses, and the ability to take aural dictation.
- Musicianship Skills and Analysis: Sufficient understanding of and capability with musical forms, processes, and structures to use this knowledge and skill in compositional, performance, analytical, scholarly, and pedagogical applications according to the requisites of their specializations.
- Musicianship Skills and Analysis: The ability to place music in historical, cultural, and stylistic contexts.
- Composition/Improvisation: Students must acquire a rudimentary capacity to create original or derivative music: written, electronic, or improvisatory forms and methods. These may include but are not limited to the creation of original compositions or improvisations, variations or improvisations on existing materials, experimentation with various sound sources, the imitation of musical styles, and manipulating the common elements in non-traditional ways. A basic understanding of how to work freely and cogently with musical materials in various composition-based activities, particularly those most associated with the major field shall be demonstrated.
- History and Repertory: Students must acquire basic knowledge of music history and repertoires through the present time, including study and experience of musical language and achievement in addition to that of the primary culture encompassing the area of specialization.
- Synthesis: While synthesis is a lifetime process, by the end of undergraduate study students must be able to work on musical problems by combining, as appropriate to the issue, their capabilities in performance; aural, verbal, and visual analysis; composition/improvisation; and history and repertory.

## Bachelor of Music in Music Performance

| Code                                      | Title                                   | Credits |
|-------------------------------------------|-----------------------------------------|---------|
| MUS 131–133                               | Music Theory I-III                      | 6       |
| MUS 134–136                               | Aural Skills I-III                      | 6       |
| MUS 137–139                               | Keyboard Skills I-III                   | 3       |
| MUS 231–233                               | Music Theory IV-VI                      | 6       |
| MUS 234                                   | Aural Skills IV                         | 2       |
| MUS 235                                   | Aural Skills V                          | 2       |
| MUS 267                                   | History of Music 800 to 1600            | 4       |
| MUS 268                                   | Survey of Music History 1600 to 1800    | 4       |
| MUS 269                                   | Survey of Music History 1800 to Present | 4       |
| MUS 358                                   | Music in World Cultures                 | 4       |
| Performance Studies <sup>1</sup>          |                                         | 48      |
| Ensemble (at least 12 terms) <sup>2</sup> |                                         | 24      |

|                                            |                              |            |
|--------------------------------------------|------------------------------|------------|
| MUS 327                                    | Analysis: [Topic] (one term) | 3          |
| MUS 384                                    | Introduction to Conducting   | 2          |
| Upper-division MUS electives               |                              | 5          |
| Junior and senior recitals <sup>3, 4</sup> |                              |            |
| <b>Total Credits</b>                       |                              | <b>123</b> |

- <sup>1</sup> Six terms at the MUP 270 level and six terms at the MUP 465 level, with concurrent enrollment in assigned ensemble.
- <sup>2</sup> For Music Performance majors whose primary instrument is piano, 6 of the 12 required terms of Ensemble must be MUS 394 Accompanying.
- <sup>3</sup> Credit may not be earned toward recitals with Reading and Conference: [Topic] (MUS 405).
- <sup>4</sup> Pre-recital hearings must be approved at least four weeks before the proposed recital date. For details, consult studio instructor.

### Areas of Specialization

- bassoon
- cello
- clarinet
- classical guitar
- double bass
- euphonium
- flute
- harp
- harpsichord
- horn
- oboe
- organ
- percussion
- piano
- saxophone
- studio guitar
- trombone
- trumpet
- tuba
- viola
- violin
- voice

Students may also specialize in more than one wind instrument. For details, consult studio instructor.

### Additional Requirements

#### Voice Option

| Code                                                                                                                                                                                     | Title                                        | Credits |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------|
| Proficiency in French, German, or Italian equivalent to completion of one year of college study in each of two languages or two years of study in one language (typically 27–30 credits) |                                              |         |
| MUS 155–156                                                                                                                                                                              | Introduction to Lyric Diction                | 4       |
| MUP 163                                                                                                                                                                                  | Functional Piano (three terms or equivalent) | 6       |
| MUS 394                                                                                                                                                                                  | Chamber Ensemble: [Topic] (one term)         | 1       |

Piano Option

| Code                                                                                   | Title                | Credits |
|----------------------------------------------------------------------------------------|----------------------|---------|
| Six of the twelve terms of ensemble must be in MUS 394 Chamber Ensemble: Accompanying. |                      | 6       |
| MUE 471–473                                                                            | Piano Pedagogy I-III | 7       |
| MUE 409                                                                                | Terminal Project     | 1-4     |

Harpsichord and Organ Option

Six of the 12 terms of ensemble must be in MUS 394 Chamber Ensemble: [Topic] (Accompanying).

Strings, Woodwinds, Brass, and Harp Option

In addition to the 12 terms of ensemble, at least three terms of MUS 394 Chamber Ensemble: [Topic] are required.

Percussion Option

In addition to 12 terms of ensemble, 12 terms of MUS 394 Chamber Ensemble: [Topic] (Oregon Percussion Ensemble) are required.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

| Course        | Title                              | Credits | Milestones |
|---------------|------------------------------------|---------|------------|
| First Year    |                                    |         |            |
| Fall          |                                    |         |            |
| MUS 131       | Music Theory I                     | 2       |            |
| MUS 134       | Aural Skills I                     | 2       |            |
| MUS 137       | Keyboard Skills I                  | 1       |            |
| MUS 396       | Orchestra: [Topic]                 | 2       |            |
| MUP 270       | Music Performance Studies: [Topic] | 4       |            |
| MUS 358       | Music in World Cultures            | 4       |            |
| Credits       |                                    | 15      |            |
| Winter        |                                    |         |            |
| MUS 132       | Music Theory II                    | 2       |            |
| MUS 135       | Aural Skills II                    | 2       |            |
| MUS 138       | Keyboard Skills II                 | 1       |            |
| MUS 396       | Orchestra: [Topic]                 | 2       |            |
| MUP 270       | Music Performance Studies: [Topic] | 4       |            |
| WR 121Z       | Composition I                      | 4       |            |
| Credits       |                                    | 15      |            |
| Spring        |                                    |         |            |
| MUS 133       | Music Theory III                   | 2       |            |
| MUS 136       | Aural Skills III                   | 2       |            |
| MUS 139       | Keyboard Skills III                | 1       |            |
| MUS 396       | Orchestra: [Topic]                 | 2       |            |
| MUP 270       | Music Performance Studies: [Topic] | 4       |            |
| WR 122Z       | Composition II                     | 4       |            |
| Credits       |                                    | 15      |            |
| Total Credits |                                    | 45      |            |

| Course                                   | Title                                   | Credits | Milestones            |
|------------------------------------------|-----------------------------------------|---------|-----------------------|
| Second Year                              |                                         |         |                       |
| Fall                                     |                                         |         |                       |
| MUS 231                                  | Music Theory IV                         | 2       |                       |
| MUS 234                                  | Aural Skills IV                         | 2       |                       |
| MUS 267                                  | History of Music 800 to 1600            | 4       |                       |
| MUS 396                                  | Orchestra: [Topic]                      | 2       |                       |
| MUP 270                                  | Music Performance Studies: [Topic]      | 4       |                       |
| Credits                                  |                                         | 14      |                       |
| Winter                                   |                                         |         |                       |
| MUS 232                                  | Music Theory V                          | 2       |                       |
| MUS 235                                  | Aural Skills V                          | 2       |                       |
| MUS 268                                  | Survey of Music History 1600 to 1800    | 4       |                       |
| MUS 396                                  | Orchestra: [Topic]                      | 2       |                       |
| MUP 270                                  | Music Performance Studies: [Topic]      | 4       |                       |
| Credits                                  |                                         | 14      |                       |
| Spring                                   |                                         |         |                       |
| MUS 233                                  | Music Theory VI                         | 2       |                       |
| MUS 269                                  | Survey of Music History 1800 to Present | 4       |                       |
| MUS 396                                  | Orchestra: [Topic]                      | 2       | Enrollment checkpoint |
| MUP 270                                  | Music Performance Studies: [Topic]      | 4       |                       |
| Credits                                  |                                         | 12      |                       |
| Total Credits                            |                                         | 40      |                       |
| Third Year                               |                                         |         |                       |
| Fall                                     |                                         |         |                       |
| MUP 465                                  | Music Performance Studies: [Topic]      | 4       |                       |
| MUS 396                                  | Orchestra: [Topic]                      | 2       |                       |
| Science group-satisfying course          |                                         | 4       |                       |
| MUS 391                                  | Collegium Musicum                       | 2       |                       |
| Credits                                  |                                         | 12      |                       |
| Winter                                   |                                         |         |                       |
| MUP 465                                  | Music Performance Studies: [Topic]      | 4       |                       |
| MUP 365                                  | Music Performance Studies               | 2       |                       |
| MUS 396                                  | Orchestra: [Topic]                      | 2       |                       |
| MUJ 351                                  | History of Jazz, 1940 to Present        | 4       |                       |
| Arts and letters group-satisfying course |                                         | 4       |                       |
| Credits                                  |                                         | 16      |                       |
| Spring                                   |                                         |         |                       |
| MUS 327                                  | Analysis: [Topic]                       | 3       |                       |
| MUP 465                                  | Music Performance Studies: [Topic]      | 4       |                       |
| MUS 396                                  | Orchestra: [Topic]                      | 2       |                       |
| MUS 394                                  | Chamber Ensemble: [Topic]               | 1       |                       |
| Social science group-satisfying course   |                                         | 4       |                       |
| Junior recital                           |                                         |         |                       |
| Credits                                  |                                         | 14      |                       |
| Total Credits                            |                                         | 42      |                       |

| Course                                   | Title                              | Credits   | Milestones |
|------------------------------------------|------------------------------------|-----------|------------|
| <b>Fourth Year</b>                       |                                    |           |            |
| <b>Fall</b>                              |                                    |           |            |
| MUP 465                                  | Music Performance Studies: [Topic] | 4         |            |
| MUS 396                                  | Orchestra: [Topic]                 | 2         |            |
| MUS 394                                  | Chamber Ensemble: [Topic]          | 1         |            |
| Social science group-satisfying course   |                                    | 4         |            |
| Science group-satisfying course          |                                    | 4         |            |
| <b>Credits</b>                           |                                    | <b>15</b> |            |
| <b>Winter</b>                            |                                    |           |            |
| MUP 465                                  | Music Performance Studies: [Topic] | 4         |            |
| MUS 396                                  | Orchestra: [Topic]                 | 2         |            |
| MUS 394                                  | Chamber Ensemble: [Topic]          | 1         |            |
| Arts and letters group-satisfying course |                                    | 4         |            |
| Science group-satisfying course          |                                    | 4         |            |
| <b>Credits</b>                           |                                    | <b>15</b> |            |
| <b>Spring</b>                            |                                    |           |            |
| MUP 465                                  | Music Performance Studies: [Topic] | 4         |            |
| MUS 396                                  | Orchestra: [Topic]                 | 2         |            |
| Social science group-satisfying course   |                                    | 4         |            |
| Elective course                          |                                    | 5         |            |
| Senior recital                           |                                    |           |            |
| <b>Credits</b>                           |                                    | <b>15</b> |            |
| <b>Total Credits</b>                     |                                    | <b>45</b> |            |

## Music: Jazz Studies (BMus)

The University of Oregon is home to a renowned program in Jazz Studies, known for an innovative and rigorous curriculum that prepares students adapt to the ever-evolving musical world in which we live. We believe that an in-depth study of improvisation, composition, and arranging facilitates the development of a versatile skill set that allows our graduates to embrace opportunities in a professional landscape that is always changing.

### Program's Admission Requirements

Please visit the program's website (<https://musicanddance.uoregon.edu/apply/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- General Studies - Competencies: Think, speak, and write clearly and effectively.
- General Studies - Competencies: A familiarity with fields of study beyond music such as those in the arts and humanities, the natural and physical sciences, and the social sciences.
- General Studies - Competencies: A functional awareness of the differences and commonalities regarding work in artistic, scientific, and humanistic domains.
- General Studies - Competencies: Awareness that multiple disciplinary perspectives and techniques are available to consider all issues and responsibilities including, but not limited to history, culture, moral and ethical issues, and decision-making.

- General Studies - Competencies: The ability to identify possibilities and locate information in other fields that have bearing on musical questions and endeavors.
- Common Body of Musical Knowledge and Skills - Performance: Technical skills requisite for artistic self-expression in at least one major performance area at a level appropriate for the particular music degree.
- Common Body of Musical Knowledge and Skills - Performance: An overview understanding of the repertory in their major performance area and the ability to perform from a cross-section of that repertory.
- Common Body of Musical Knowledge and Skills - Performance: The ability to read at sight with fluency demonstrating both general musicianship and, in the major performance area, a level of skill relevant to professional standards appropriate for the particular music degree.
- Common Body of Musical Knowledge and Skills - Performance: Knowledge and skills sufficient to work as a leader and in collaboration on matters of musical interpretation. Rehearsal and conducting skills are required as appropriate to the particular music degree.
- Common Body of Musical Knowledge and Skills - Performance: Keyboard competency.
- Common Body of Musical Knowledge and Skills - Performance: Growth in artistry, technical skills, collaborative competence and knowledge of repertory through regular ensemble experiences. Ensembles should be varied both in size and nature.
- Musicianship Skills and Analysis: An understanding of the common elements and organizational patterns of music and their interaction, the ability to employ this understanding in aural, verbal, and visual analyses, and the ability to take aural dictation.
- Musicianship Skills and Analysis: Sufficient understanding of and capability with musical forms, processes, and structures to use this knowledge and skill in compositional, performance, analytical, scholarly, and pedagogical applications according to the requisites of their specializations.
- Musicianship Skills and Analysis: The ability to place music in historical, cultural, and stylistic contexts.
- Composition/Improvisation: Students must acquire a rudimentary capacity to create original or derivative music: written, electronic, or improvisatory forms and methods. These may include but are not limited to the creation of original compositions or improvisations, variations or improvisations on existing materials, experimentation with various sound sources, the imitation of musical styles, and manipulating the common elements in non-traditional ways. A basic understanding of how to work freely and cogently with musical materials in various composition-based activities, particularly those most associated with the major field shall be demonstrated.
- History and Repertory: Students must acquire basic knowledge of music history and repertoires through the present time, including study and experience of musical language and achievement in addition to that of the primary culture encompassing the area of specialization.
- Synthesis: While synthesis is a lifetime process, by the end of undergraduate study students must be able to work on musical problems by combining, as appropriate to the issue, their capabilities in performance; aural, verbal, and visual analysis; composition/improvisation; and history and repertory.

Music: Jazz Studies Major Requirements

| Code                                                                         | Title                                               | Credits |
|------------------------------------------------------------------------------|-----------------------------------------------------|---------|
| Music Core Requirements                                                      |                                                     |         |
| MUS 131–133                                                                  | Music Theory I-III                                  | 6       |
| MUS 231                                                                      | Music Theory IV                                     | 2       |
| MUS 134–136                                                                  | Aural Skills I-III                                  | 6       |
| MUS 137–139                                                                  | Keyboard Skills I-III                               | 3       |
| Two courses from the followoing list <sup>1</sup>                            |                                                     | 8       |
| MUS 267                                                                      | History of Music 800 to 1600                        |         |
| MUS 268                                                                      | Survey of Music History 1600 to 1800                |         |
| MUS 269                                                                      | Survey of Music History 1800 to Present             |         |
| MUS 263                                                                      | US Popular Music 1800 to 1930                       |         |
| MUS 264                                                                      | US Popular Music 1930 to 1965                       |         |
| MUS 265                                                                      | US Popular Music 1965 to 2000                       |         |
| One course from the following                                                |                                                     | 4       |
| MUS 358                                                                      | Music in World Cultures                             |         |
| MUS 359                                                                      | Music of the Americas                               |         |
| MUS 365                                                                      | Regional Ethnomusicology: [Topic]                   |         |
| MUS 367                                                                      | Survey of African Music                             |         |
| MUS 451                                                                      | Introduction to Ethnomusicology                     |         |
| MUS 452                                                                      | Musical Instruments of the World                    |         |
| MUS 462                                                                      | Popular Musics in the African Diaspora              |         |
| Performance Studies (Studio Instruction, Jazz, 9 terms) <sup>2</sup>         |                                                     | 18      |
| Performance Studies (Studio Instruction, Classical, 5 terms) <sup>2, 3</sup> |                                                     | 10      |
| MUJ 395                                                                      | Small Jazz Ensemble: [Topic] (twelve terms)         | 12-24   |
| Large Jazz Ensemble (Six Terms)                                              |                                                     | 6-12    |
| MUJ 390                                                                      | Jazz Laboratory Band III (Jazz Laboratory Band III) |         |
| MUJ 391                                                                      | Jazz Laboratory Band II                             |         |
| MUJ 392                                                                      | Oregon Jazz Ensemble                                |         |
| Classical ensemble—select three terms from the following:                    |                                                     | 3-6     |
| MUS 394                                                                      | Chamber Ensemble: [Topic] <sup>4</sup>              |         |
| MUS 395                                                                      | Band: [Topic]                                       |         |
| MUS 396                                                                      | Orchestra: [Topic]                                  |         |
| MUS 397                                                                      | Chorus: [Topic]                                     |         |
| MUJ 180–182                                                                  | Jazz Performance Laboratory                         | 6       |
| MUJ 270                                                                      | Jazz Theory                                         | 2       |
| MUJ 271–272                                                                  | Functional Jazz Piano I-II                          | 4       |
| MUJ 273–274                                                                  | Jazz Improvisation I-II                             | 4       |
| MUJ 350                                                                      | History of Jazz, 1900–1950                          | 4       |
| or MUJ 351                                                                   | History of Jazz, 1940 to Present                    |         |
| MUJ 480                                                                      | Jazz Arranging I                                    | 3       |
| MUJ 477                                                                      | Advanced Jazz Repertoire I                          | 3       |
| MUJ 478                                                                      | Advanced Jazz Repertoire II                         | 3       |
| MUJ 483                                                                      | Advanced Jazz Arranging I                           | 3       |
| MUJ 484                                                                      | Advanced Jazz Arranging II                          | 3       |
| MUJ 481                                                                      | Jazz Arranging II                                   | 3       |
| MUJ 275                                                                      | Jazz Composition 1                                  | 2       |
| MUJ 276                                                                      | Jazz Composition II                                 | 2       |
| MUJ 440                                                                      | Jazz Pedagogy Practicum                             | 3       |

Electives

|                                                   |         |
|---------------------------------------------------|---------|
| Select courses totaling at least 18 credits from: | 18      |
| Courses in the music of other cultures            |         |
| Courses in music technology                       |         |
| Courses in audio recording                        |         |
| Other music courses <sup>5</sup>                  |         |
| Senior Recital                                    |         |
| Total Credits                                     | 141-162 |

- <sup>1</sup> At least 4 credits must be from MUS 267-269.
- <sup>2</sup> Including nine terms of jazz performance studies (at MUP 165 or MUP 365) and five terms of classical performance studies at MUP 165 or MUP 365. Classical and jazz performance studios may be taken concurrently.
- <sup>3</sup> For students whose primary instrument is guitar: Three additional terms of MUP 165 or MUP 365 Jazz Performance Studies may be taken in place of Classical Performance Studies. Three terms of Guitar Ensemble or three additional terms of large jazz ensemble may be taken in place of Classical Ensembles.
- <sup>4</sup> Chamber Ensemble: [Topic] (MUS 394) with Chamber Ensemble topic only
- <sup>5</sup> For details, consult jazz studies advisor.

Other Requirements

Continuation in the jazz studies program requires successful completion of sophomore and junior proficiency examinations.

Four-Year Degree Plan

The degree plan shown is only a sample of how students may complete their degrees in four years. There are alternative ways. Students should consult their advisor to determine the best path for them.

| Course     | Title                              | Credits | Milestones |
|------------|------------------------------------|---------|------------|
| First Year |                                    |         |            |
| Fall       |                                    |         |            |
| MUS 131    | Music Theory I                     | 2       |            |
| MUS 134    | Aural Skills I                     | 2       |            |
| MUS 137    | Keyboard Skills I                  | 1       |            |
| MUJ 180    | Jazz Performance Laboratory        | 2       |            |
| MUJ 395    | Small Jazz Ensemble: [Topic]       | 2       |            |
| MUP 165    | Music Performance Studies: [Topic] | 2       |            |
| MUP 165    | Music Performance Studies: [Topic] | 2       |            |
| MUS 358    | Music in World Cultures            | 4       |            |
| Credits    |                                    | 17      |            |
| Winter     |                                    |         |            |
| MUS 132    | Music Theory II                    | 2       |            |
| MUS 135    | Aural Skills II                    | 2       |            |
| MUS 138    | Keyboard Skills II                 | 1       |            |
| MUJ 181    | Jazz Performance Laboratory        | 2       |            |
| MUJ 395    | Small Jazz Ensemble: [Topic]       | 1       |            |
| MUP 165    | Music Performance Studies: [Topic] | 2       |            |
| MUP 165    | Music Performance Studies: [Topic] | 2       |            |
| WR 121Z    | Composition I                      | 4       |            |
| Credits    |                                    | 16      |            |

**Spring**

|                      |                                    |           |
|----------------------|------------------------------------|-----------|
| MUS 133              | Music Theory III                   | 2         |
| MUS 136              | Aural Skills III                   | 2         |
| MUS 139              | Keyboard Skills III                | 1         |
| MUJ 182              | Jazz Performance Laboratory        | 2         |
| MUJ 395              | Small Jazz Ensemble: [Topic]       | 1         |
| MUP 165              | Music Performance Studies: [Topic] | 2         |
| MUP 165              | Music Performance Studies: [Topic] | 2         |
| WR 122Z              | Composition II                     | 4         |
| <b>Credits</b>       |                                    | <b>16</b> |
| <b>Total Credits</b> |                                    | <b>49</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Second Year****Fall**

|                |                                    |           |
|----------------|------------------------------------|-----------|
| MUS 231        | Music Theory IV                    | 2         |
| MUS 267        | History of Music 800 to 1600       | 4         |
| MUJ 270        | Jazz Theory                        | 2         |
| MUS 395        | Band: [Topic]                      | 2         |
| MUP 165        | Music Performance Studies: [Topic] | 2         |
| MUP 165        | Music Performance Studies: [Topic] | 2         |
| MUJ 391        | Jazz Laboratory Band II            | 1         |
| <b>Credits</b> |                                    | <b>15</b> |

**Winter**

|                |                                      |           |
|----------------|--------------------------------------|-----------|
| MUS 232        | Music Theory V                       | 2         |
| MUS 268        | Survey of Music History 1600 to 1800 | 4         |
| MUJ 271        | Functional Jazz Piano I              | 2         |
| MUJ 273        | Jazz Improvisation I                 | 2         |
| MUJ 391        | Jazz Laboratory Band II              | 1         |
| MUS 395        | Band: [Topic]                        | 2         |
| MUP 165        | Music Performance Studies: [Topic]   | 2         |
| MUP 165        | Music Performance Studies: [Topic]   | 2         |
| <b>Credits</b> |                                      | <b>17</b> |

**Spring**

|                                    |                                         |           |
|------------------------------------|-----------------------------------------|-----------|
| MUS 233                            | Music Theory VI                         | 2         |
| MUS 269                            | Survey of Music History 1800 to Present | 4         |
| MUJ 272                            | Functional Jazz Piano II                | 2         |
| MUJ 274                            | Jazz Improvisation II                   | 2         |
| MUJ 391                            | Jazz Laboratory Band II                 | 1         |
| MUS 395                            | Band: [Topic]                           | 2         |
| MUP 165                            | Music Performance Studies: [Topic]      | 2         |
| MUP 165                            | Music Performance Studies: [Topic]      | 2         |
| Sophomore performance barrier exam |                                         |           |
| <b>Credits</b>                     |                                         | <b>17</b> |
| <b>Total Credits</b>               |                                         | <b>49</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Third Year****Fall**

|         |                              |   |
|---------|------------------------------|---|
| MUJ 474 | Jazz Repertoire I            | 3 |
| MUJ 480 | Jazz Arranging I             | 3 |
| MUJ 395 | Small Jazz Ensemble: [Topic] | 2 |

|                                 |                           |           |
|---------------------------------|---------------------------|-----------|
| MUJ 391                         | Jazz Laboratory Band II   | 1         |
| MUP 365                         | Music Performance Studies | 2         |
| Science group-satisfying course |                           | 4         |
| <b>Credits</b>                  |                           | <b>15</b> |

**Winter**

|                |                                  |           |
|----------------|----------------------------------|-----------|
| MUJ 475        | Jazz Repertoire II               | 3         |
| MUJ 481        | Jazz Arranging II                | 3         |
| MUJ 351        | History of Jazz, 1940 to Present | 4         |
| MUJ 395        | Small Jazz Ensemble: [Topic]     | 2         |
| MUJ 391        | Jazz Laboratory Band II          | 1         |
| MUP 365        | Music Performance Studies        | 2         |
| <b>Credits</b> |                                  | <b>15</b> |

**Spring**

|                                        |                              |           |
|----------------------------------------|------------------------------|-----------|
| MUJ 476                                | Jazz Repertoire III          | 3         |
| MUJ 482                                | Jazz Arranging III           | 3         |
| MUJ 395                                | Small Jazz Ensemble: [Topic] | 2         |
| MUJ 391                                | Jazz Laboratory Band II      | 1         |
| MUP 365                                | Music Performance Studies    | 2         |
| Social science group-satisfying course |                              | 4         |
| Junior performance barrier exam        |                              |           |
| <b>Credits</b>                         |                              | <b>15</b> |
| <b>Total Credits</b>                   |                              | <b>45</b> |

| Course | Title | Credits | Milestones |
|--------|-------|---------|------------|
|--------|-------|---------|------------|

**Fourth Year****Fall**

|                                          |                                                                             |           |
|------------------------------------------|-----------------------------------------------------------------------------|-----------|
| MUJ 477                                  | Advanced Jazz Repertoire I<br>or<br>or Advanced Jazz Arranging I<br>MUJ 483 | 3         |
| MUJ 395                                  | Small Jazz Ensemble: [Topic]                                                | 2         |
| MUJ 392                                  | Oregon Jazz Ensemble                                                        | 1         |
| MUS 394                                  | Chamber Ensemble: [Topic]                                                   | 1         |
| Arts and letters group-satisfying course |                                                                             | 4         |
| Science group-satisfying course          |                                                                             | 4         |
| <b>Credits</b>                           |                                                                             | <b>15</b> |

**Winter**

|                                        |                                                                               |           |
|----------------------------------------|-------------------------------------------------------------------------------|-----------|
| MUJ 478                                | Advanced Jazz Repertoire II<br>or<br>or Advanced Jazz Arranging II<br>MUJ 484 | 3         |
| MUJ 395                                | Small Jazz Ensemble: [Topic]                                                  | 2         |
| MUJ 392                                | Oregon Jazz Ensemble                                                          | 2         |
| MUS 394                                | Chamber Ensemble: [Topic]                                                     | 1         |
| Social science group-satisfying course |                                                                               | 4         |
| Science group-satisfying course        |                                                                               | 4         |
| <b>Credits</b>                         |                                                                               | <b>16</b> |

**Spring**

|                                          |                                                                                 |   |
|------------------------------------------|---------------------------------------------------------------------------------|---|
| MUJ 479                                  | Advanced Jazz Repertoire III<br>or<br>or Advanced Jazz Arranging III<br>MUJ 485 | 3 |
| MUJ 395                                  | Small Jazz Ensemble: [Topic]                                                    | 2 |
| MUJ 392                                  | Oregon Jazz Ensemble                                                            | 2 |
| MUS 394                                  | Chamber Ensemble: [Topic]                                                       | 1 |
| Arts and letters group-satisfying course |                                                                                 | 4 |



|                                        |           |
|----------------------------------------|-----------|
| Social science group-satisfying course | 4         |
| Senior recital                         |           |
| <b>Credits</b>                         | <b>16</b> |
| <b>Total Credits</b>                   | <b>47</b> |

## Popular Music (BA/BS)

A Bachelor of Arts or Science degree with a Popular Music provides students with a comprehensive course of study focused on songwriting, music production, music performance, music theory, and popular music history and culture. It can also include preparation for music entrepreneurship through coursework in marketing, business, and law. Students choose from a variety of performance ensembles, including gospel choirs, a hip hop ensemble, and popular music combos, among others.

Students can use elective requirements to deepen their engagement with a variety of subjects, including music production, jazz, electronic music, and the history and culture of popular music. A degree in Popular Music requires approximately two years of music coursework with no audition or portfolio needed. Students can elect to take more music coursework to complete general elective requirements, and can take music courses for four years should they choose to.

### Program's Admission Requirements

Please visit the program's website (<https://musicanddance.uoregon.edu/apply/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Think, speak, and write clearly and effectively, and to communicate with precision, cogency, and rhetorical force.
- Have an informed acquaintance with the mathematical and experimental methods of the physical and biological sciences; with the main forms of analysis and the historical and quantitative techniques needed for investigating the workings and developments of modern society.
- Address culture and history from a variety of perspectives.
- Have an understanding of, and experience in thinking about, moral and ethical problems.
- Respect, understand, and evaluate work in a variety of disciplines.
- Have the capacity to explain and defend views effectively and rationally.
- Identify, and work conceptually with the elements of music such as rhythm, melody, harmony, form structure, timbre, texture.
- Accurately read and realize musical notation.
- Demonstrate understanding of compositional processes, aesthetic properties of style, and the ways these shape and are shaped by artistic and cultural forces.
- Demonstrate familiarity with a wide selection of musical literature, the principal eras, genres, and cultural sources, for example, classical, jazz, popular, and music from various cultures and people groups from around the world.
- Develop and defend musical judgments.
- Perform at levels consistent with the goals and objectives of the specific liberal arts degree program/concentration being followed.
- Perform in a variety of musical styles.

- Demonstrate knowledge and/or skills in one or more areas of music beyond basic musicianship appropriate to the individual's needs and interests, consistent with the goals and objectives of the specific liberal arts degree program.

- Music Production Concentration (p. 609)

### Popular Music Major Requirements

| Code                                                                                               | Title                                       | Credits |
|----------------------------------------------------------------------------------------------------|---------------------------------------------|---------|
| <b>Theory and Musicianship</b>                                                                     |                                             |         |
| MUS 131                                                                                            | Music Theory I                              | 2       |
| MUS 134                                                                                            | Aural Skills I                              | 2       |
| MUS 249                                                                                            | Popular Music Analysis                      | 3       |
| Theory and Musicianship Electives - Select courses from the following to reach at least 6 credits: |                                             | 6-8     |
| MUS 132                                                                                            | Music Theory II                             |         |
| MUS 133                                                                                            | Music Theory III                            |         |
| MUS 135                                                                                            | Aural Skills II                             |         |
| MUS 136                                                                                            | Aural Skills III                            |         |
| MUS 141                                                                                            | Popular Piano and Musicianship I            |         |
| MUS 142                                                                                            | Popular Piano and Musicianship II           |         |
| MUS 143                                                                                            | Popular Piano and Musicianship III          |         |
| MUJ 180                                                                                            | Jazz Performance Laboratory                 |         |
| MUJ 181                                                                                            | Jazz Performance Laboratory                 |         |
| MUJ 182                                                                                            | Jazz Performance Laboratory                 |         |
| <b>History and Culture</b>                                                                         |                                             |         |
| MUS 263                                                                                            | US Popular Music 1800 to 1930               | 4       |
| MUS 358                                                                                            | Music in World Cultures                     | 4       |
| History and Culture Electives - Select one course from the following:                              |                                             | 3-4     |
| MUS 227                                                                                            | Elements of Electronic Music                |         |
| MUS 264                                                                                            | US Popular Music 1930 to 1965               |         |
| MUS 265                                                                                            | US Popular Music 1965 to 2000               |         |
| MUS 360                                                                                            | Hip-Hop Music: History, Culture, Aesthetics |         |
| MUS 363                                                                                            | The Beatles and Their Times                 |         |
| MUS 382                                                                                            | American Musical Theater                    |         |
| MUS 428                                                                                            | Cultures of Musical Celebrity               |         |
| MUS 462                                                                                            | Popular Musics in the African Diaspora      |         |
| MUS 463                                                                                            | Popular Music Studies                       |         |
| MUS 487                                                                                            | Music and Emotion                           |         |
| <b>Songwriting and Music Production</b>                                                            |                                             |         |
| MUS 151                                                                                            | Popular Songwriting                         | 4       |
| Select courses from the following to reach at least 6 credits:                                     |                                             | 6       |
| MUS 476                                                                                            | Digital Audio Workstation Techniques I      |         |
| MUS 477                                                                                            | Digital Audio Workstation Techniques II     |         |
| MUS 478                                                                                            | Digital Audio Workstation Techniques III    |         |
| MUS 480                                                                                            | Audio Production Techniques I               |         |
| MUS 481                                                                                            | Audio Recording Techniques II               |         |
| Additional Theory & Musicianship Elective courses                                                  |                                             |         |
| Additional History & Culture Elective courses                                                      |                                             |         |
| <b>Music Industry</b>                                                                              |                                             |         |
| MUS 346                                                                                            | Music, Money, and the Law                   | 4       |
| Select one course from the following:                                                              |                                             | 4       |
| CINE 230                                                                                           | Remix Cultures                              |         |

|                                                                                                                                                                                                                                  |                                                                                         |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------|
| J 340                                                                                                                                                                                                                            | Principles of Advertising                                                               |              |
| LAW 101                                                                                                                                                                                                                          | Introduction to American Law                                                            |              |
| LAW 104                                                                                                                                                                                                                          | Introduction to Business Law                                                            |              |
| MGMT 225                                                                                                                                                                                                                         | Introduction to Entrepreneurship                                                        |              |
| MGMT 335                                                                                                                                                                                                                         | Launching New Ventures                                                                  |              |
| <b>Music Performance</b>                                                                                                                                                                                                         |                                                                                         | <b>6</b>     |
| Three MUP courses on one or more instruments <sup>1</sup>                                                                                                                                                                        |                                                                                         |              |
| <b>Music Ensembles</b>                                                                                                                                                                                                           |                                                                                         | <b>3-6</b>   |
| Select three ensembles courses, including at least one of the following: <sup>2</sup>                                                                                                                                            |                                                                                         |              |
| MUS 394                                                                                                                                                                                                                          | Chamber Ensemble: [Topic] ((Hip Hop Ensemble))                                          |              |
| MUS 397                                                                                                                                                                                                                          | Chorus: [Topic] ((Gospel Singers, University Gospel Choir, University Gospel Ensemble)) |              |
| <b>Additional Music Coursework</b>                                                                                                                                                                                               |                                                                                         | <b>9</b>     |
| Select at least 9 credits of additional MUJ, MUP, and/or MUS credits from the categories above and/or from the following list, including any upper division credits necessary to reach 24 total upper division credits in music: |                                                                                         |              |
| MUJ 270                                                                                                                                                                                                                          | Jazz Theory                                                                             |              |
| MUJ 273                                                                                                                                                                                                                          | Jazz Improvisation I                                                                    |              |
| MUJ 274                                                                                                                                                                                                                          | Jazz Improvisation II                                                                   |              |
| MUJ 275                                                                                                                                                                                                                          | Jazz Composition 1                                                                      |              |
| MUJ 276                                                                                                                                                                                                                          | Jazz Composition II                                                                     |              |
| MUS 432                                                                                                                                                                                                                          | Tonal Analysis: Analysis of Popular Music                                               |              |
| MUS 447                                                                                                                                                                                                                          | Digital Audio and Sound Design                                                          |              |
| MUS 499                                                                                                                                                                                                                          | Senior Project                                                                          |              |
| <b>Total Credits</b>                                                                                                                                                                                                             |                                                                                         | <b>60-66</b> |

<sup>1</sup> See also, General Limitations in the Registration and Academic Policies ([http://catalog.uoregon.edu/admissiontograduation/registration\\_policies/](http://catalog.uoregon.edu/admissiontograduation/registration_policies/)) section of this catalog.

<sup>2</sup> Ensemble Courses: Collegium Musicum (MUS 391), Oregon Electronic Device Orchestra (MUS 393), Chamber Ensemble: [Topic] (MUS 394), Band: [Topic] (MUS 395), Orchestra: [Topic] (MUS 396), Chorus: [Topic] (MUS 397), Opera Workshop (MUS 398), Jazz Laboratory Band III (MUJ 390), Jazz Laboratory Band II (MUJ 391), Oregon Jazz Ensemble (MUJ 392), Small Jazz Ensemble: [Topic] (MUJ 395)

## Popular Music Major - Music Production Concentration

| Code                                                           | Title                            | Credits |
|----------------------------------------------------------------|----------------------------------|---------|
| <b>Theory and Musicianship</b>                                 |                                  |         |
| MUS 131                                                        | Music Theory I                   | 2       |
| MUS 134                                                        | Aural Skills I                   | 2       |
| MUS 249                                                        | Popular Music Analysis           | 3       |
| Select courses from the following to reach at least 6 credits: |                                  | 6-8     |
| MUS 132                                                        | Music Theory II                  |         |
| MUS 133                                                        | Music Theory III                 |         |
| MUS 135                                                        | Aural Skills II                  |         |
| MUS 136                                                        | Aural Skills III                 |         |
| MUS 141                                                        | Popular Piano and Musicianship I |         |

|         |                                    |  |
|---------|------------------------------------|--|
| MUS 142 | Popular Piano and Musicianship II  |  |
| MUS 143 | Popular Piano and Musicianship III |  |
| MUJ 180 | Jazz Performance Laboratory        |  |
| MUJ 181 | Jazz Performance Laboratory        |  |
| MUJ 182 | Jazz Performance Laboratory        |  |

|                                       |                                             |     |
|---------------------------------------|---------------------------------------------|-----|
| <b>History and Culture</b>            |                                             |     |
| MUS 263                               | US Popular Music 1800 to 1930               | 4   |
| MUS 358                               | Music in World Cultures                     | 4   |
| Select one course from the following: |                                             | 3-4 |
| MUS 227                               | Elements of Electronic Music                |     |
| MUS 264                               | US Popular Music 1930 to 1965               |     |
| MUS 265                               | US Popular Music 1965 to 2000               |     |
| MUS 360                               | Hip-Hop Music: History, Culture, Aesthetics |     |
| MUS 363                               | The Beatles and Their Times                 |     |
| MUS 382                               | American Musical Theater                    |     |
| MUS 428                               | Cultures of Musical Celebrity               |     |
| MUS 462                               | Popular Musics in the African Diaspora      |     |
| MUS 463                               | Popular Music Studies                       |     |
| MUS 487                               | Music and Emotion                           |     |

|                                         |                                          |   |
|-----------------------------------------|------------------------------------------|---|
| <b>Songwriting and Music Production</b> |                                          |   |
| MUS 151                                 | Popular Songwriting                      | 4 |
| MUS 476                                 | Digital Audio Workstation Techniques I   | 3 |
| MUS 477                                 | Digital Audio Workstation Techniques II  | 3 |
| MUS 478                                 | Digital Audio Workstation Techniques III | 3 |
| MUS 480                                 | Audio Production Techniques I            | 3 |
| MUS 481                                 | Audio Recording Techniques II            | 3 |
| MUS 482                                 | Audio Recording Techniques III           | 3 |
| MUS 483                                 | Audio Effects Theory and Design          | 4 |
| MUS 488                                 | Analog Recording Techniques              | 3 |

|                                       |                           |   |
|---------------------------------------|---------------------------|---|
| <b>Music Industry</b>                 |                           |   |
| MUS 346                               | Music, Money, and the Law | 4 |
| Select one course from the following: |                           | 4 |

|          |                                  |  |
|----------|----------------------------------|--|
| CINE 230 | Remix Cultures                   |  |
| J 340    | Principles of Advertising        |  |
| LAW 101  | Introduction to American Law     |  |
| LAW 104  | Introduction to Business Law     |  |
| LAW 305  |                                  |  |
| MGMT 225 | Introduction to Entrepreneurship |  |
| MGMT 335 | Launching New Ventures           |  |

|                                                                                       |                                                                                         |            |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------|
| <b>Music Performance</b>                                                              |                                                                                         | <b>6</b>   |
| Three MUP courses on one or more instruments <sup>1</sup>                             |                                                                                         |            |
| <b>Music Ensembles</b>                                                                |                                                                                         | <b>3-6</b> |
| Select three ensembles courses, including at least one of the following: <sup>2</sup> |                                                                                         |            |
| MUS 394                                                                               | Chamber Ensemble: [Topic] ((Hip Hop Ensemble))                                          |            |
| MUS 397                                                                               | Chorus: [Topic] ((Gospel Singers, University Gospel Choir, University Gospel Ensemble)) |            |

|                                    |  |          |
|------------------------------------|--|----------|
| <b>Additional Music Coursework</b> |  | <b>9</b> |
|------------------------------------|--|----------|

Select at least 9 credits of additional MUJ, MUP, and/or MUS credits from the categories above and/or from the following list, including any upper division credits necessary to reach 24 total upper division credits in music:

|                      |                                           |              |
|----------------------|-------------------------------------------|--------------|
| MUJ 270              | Jazz Theory                               |              |
| MUJ 273              | Jazz Improvisation I                      |              |
| MUJ 274              | Jazz Improvisation II                     |              |
| MUJ 275              | Jazz Composition 1                        |              |
| MUJ 276              | Jazz Composition II                       |              |
| MUS 432              | Tonal Analysis: Analysis of Popular Music |              |
| MUS 447              | Digital Audio and Sound Design            |              |
| MUS 499              | Senior Project                            |              |
| <b>Total Credits</b> |                                           | <b>79-85</b> |

- <sup>1</sup> See also, General Limitations in the Registration and Academic Policies ([http://catalog.uoregon.edu/admissionto graduation/registration\\_policies/](http://catalog.uoregon.edu/admissionto graduation/registration_policies/)) section of this catalog.
- <sup>2</sup> Ensemble Courses: Collegium Musicum (MUS 391), Oregon Electronic Device Orchestra (MUS 393), Chamber Ensemble: [Topic] (MUS 394), Band: [Topic] (MUS 395), Orchestra: [Topic] (MUS 396), Chorus: [Topic] (MUS 397), Opera Workshop (MUS 398), Jazz Laboratory Band III (MUJ 390), Jazz Laboratory Band II (MUJ 391), Oregon Jazz Ensemble (MUJ 392), Small Jazz Ensemble: [Topic] (MUJ 395)

## Music Minor

Undergraduates pursuing a Minor in Music will take courses in various areas of music. This highly flexible program allows students to explore the vast offerings of music classes at the University of Oregon to customize their learning experience.

### Music Minor Requirements

The minor in music requires a minimum of 26 credits, 15 of which must be upper division. A minimum of 15 credits must be taken in residence. Courses must be taken for a grade if the graded option is offered. Courses applied to the minor must be graded C– or better or P (pass). No specific courses or categories are required. The minor in Music may not be taken concurrently with any other music degree program. Credits for the minor may be earned by taking any of the following pre-approved courses. For additional information, please visit the website (<http://music.uoregon.edu/current-students/undergraduate-music-students/>) or contact the music undergraduate office ([ugradmus@uoregon.edu](mailto:ugradmus@uoregon.edu)).

| Code                                      | Title | Credits   |
|-------------------------------------------|-------|-----------|
| Upper-division music courses <sup>1</sup> |       | 15        |
| Music courses at any level <sup>1</sup>   |       | 11        |
| <b>Total Credits</b>                      |       | <b>26</b> |

- <sup>1</sup> MUS subject code courses, MUJ subject code courses, Fundamentals of Music Performance Studies I: [Topic] (MUP 114), Music Performance Studies: [Topic] (MUP 165), Physics of Sound and Music (PHYS 152), Music and the Brain (PSY 348), and Themes in the Humanities (HUM 300).

Other music courses may be approved by petition to the undergraduate committee.

## Music Production Minor

With a comprehensive Music Production minor, students learn music production by actually producing music. Students learn to explore the artistic and technical sides of music production within the recording studio facilities at the University of Oregon.

The program offers access to the latest digital technology and a hands-on production curriculum. Students log time in the studio, run cable at concert halls, and operate state-of-the-art mixing consoles in the field. They learn about the science of sound. They even get the opportunity to work with meticulously maintained vintage analog recording equipment.

### Program's Admission Requirements

Please visit the program's website (<https://musicanddance.uoregon.edu/apply/>).

### Music Production Minor Requirements

The minor in music production requires a minimum of 24 credits, 12 of which must be upper-division. A minimum of 14 credits must be taken in residence. Courses applied to the minor must be graded C– or better or P (pass).

| Code                    | Title                                       | Credits   |
|-------------------------|---------------------------------------------|-----------|
| <b>Required Courses</b> |                                             |           |
| MUS 151                 | Popular Songwriting                         | 4         |
| MUS 476                 | Digital Audio Workstation Techniques I      | 3         |
| MUS 480                 | Audio Production Techniques I               | 3         |
| <b>Elective Courses</b> |                                             | <b>14</b> |
| MUS 346                 | Music, Money, and the Law                   |           |
| MUS 360                 | Hip-Hop Music: History, Culture, Aesthetics |           |
| MUS 363                 | The Beatles and Their Times                 |           |
| MUS 380                 | Film Music                                  |           |
| MUS 447                 | Digital Audio and Sound Design              |           |
| MUS 470                 | History of Electroacoustic Music            |           |
| MUS 477                 | Digital Audio Workstation Techniques II     |           |
| MUS 478                 | Digital Audio Workstation Techniques III    |           |
| MUS 481                 | Audio Recording Techniques II               |           |
| MUS 488                 | Analog Recording Techniques                 |           |
| PHYS 152                | Physics of Sound and Music                  |           |
| <b>Total Credits</b>    |                                             | <b>24</b> |

## Music Technology Minor

Undergraduates pursuing a Minor in Music Technology will take courses which focus on areas of electronic music, audio recording techniques, digital audio and sound design, audio effects theory and design, data sonification, and the history of electroacoustic music.

### Music Technology Minor Requirements

The minor in music technology requires a minimum of 24 credits, 12 of which must be upper-division. A minimum of 14 credits must be taken in residence. Courses must be taken for a grade if the graded option is offered. Courses applied to the minor must be graded C– or better or P (pass).

| Code                                                                | Title                                       | Credits   |
|---------------------------------------------------------------------|---------------------------------------------|-----------|
| <b>Required Courses</b>                                             |                                             |           |
| MUS 227                                                             | Elements of Electronic Music                | 4         |
| MUS 447                                                             | Digital Audio and Sound Design              | 4         |
| MUS 448                                                             | Interactive Media Performance               | 3         |
| MUS 476                                                             | Digital Audio Workstation Techniques I      | 3         |
| <b>Elective Courses</b>                                             |                                             |           |
| Select a minimum of 10 elective credits from the following courses: |                                             | 10        |
| MUS 265                                                             | US Popular Music 1965 to 2000               |           |
| MUS 360                                                             | Hip-Hop Music: History, Culture, Aesthetics |           |
| MUS 380                                                             | Film Music                                  |           |
| MUS 450                                                             | Sensor Music                                |           |
| MUS 470                                                             | History of Electroacoustic Music            |           |
| MUS 471                                                             | Musical Performance Networks                |           |
| MUS 477                                                             | Digital Audio Workstation Techniques II     |           |
| MUS 479                                                             | Data Sonification                           |           |
| MUS 480                                                             | Audio Production Techniques I               |           |
| MUS 481                                                             | Audio Recording Techniques II               |           |
| MUS 483                                                             | Audio Effects Theory and Design             |           |
| <b>Total Credits</b>                                                |                                             | <b>24</b> |

Other music courses may be approved by petition to the undergraduate committee.

## Data-Driven Music Performance and Composition (PhD)

The University of Oregon offers a Doctor of Philosophy in Data-Driven Music Performance and Composition, Music Composition, Music Education, Music Theory, and Musicology.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate substantial skill and knowledge related to real-time performance and composition of electroacoustic music with data-driven musical instruments,
- Demonstrate substantial skill and knowledge related to design and fabrication of data-driven musical instruments.
- Demonstrate substantial skill and knowledge related to data-mapping strategies and techniques.
- Demonstrate substantial skill and knowledge related to sound synthesis techniques.
- Demonstrate substantial skill and knowledge related to data-driven instrumental performance techniques.
- Demonstrate substantial skill and knowledge related to data-sonification techniques.

The proposed Data-driven Music Performance and Composition degree consists of General Degree Requirements, and Area Requirements, and Other. Additionally, there are comprehensive exam and dissertation requirements.

| Code                               | Title                              | Credits      |
|------------------------------------|------------------------------------|--------------|
| <b>General Degree Requirements</b> |                                    | <b>27-30</b> |
| MUS 611                            | Research Methods in Music          |              |
| MUS 665                            | Music in the 20th Century          |              |
| Artist/Brand Development Course    |                                    |              |
| Aesthetics and Design Course       |                                    |              |
| Elective Courses                   |                                    |              |
| <b>Area Requirements</b>           |                                    |              |
| MUE 639                            | Pedagogy and Practicum: [Topic]    | 3            |
| MUS 693                            | Oregon Electronic Device Orchestra | 2            |
| MUP 765                            | Music Performance Studies: [Topic] | 24           |
| MUS 550                            | Sensor Music                       | 3            |
| MUS 570                            | History of Electroacoustic Music   | 3            |
| MUS 571                            | Musical Performance Networks       | 3            |
| MUS 579                            | Data Sonification                  | 4            |
| <b>Dissertation</b>                |                                    | <b>18</b>    |
| <b>Total Credits</b>               |                                    | <b>87-90</b> |

#### General Degree Requirements – 27-30 credits:

MUS 611 Research Methods in Music (3 cr.)  
 MUS 665 Twentieth Century Music (3 cr.)  
 ----- Artist/Brand Development Course (selected from evolving menu of courses, 4 cr.)\* ----- Aesthetics and Design Course (selected from evolving menu of courses, 4 cr.)\* ----- Cultural Discourse Course (selected from evolving menu of courses, 4 cr.)\*  
 ----- Elective Courses (9-12 cr.)

#### Area Requirements – 42 credits

MUE 639 Pedagogy and Practicum for Data-driven Instruments (3 cr.)  
 MUS 693 Oregon Electronic Device Orchestra (2 cr.)  
 MUP 769 Data-driven Instrument Performance (24 cr., 4 cr. x 6 terms)  
 MUS 550 SensorMusik (3 cr.)

MUS 570 History of Electroacoustic Music (3 cr.) MUS 571 Musical Performance Networks (3 cr.) MUS 579 Data Sonification (4 cr.)

#### Other – 0 credits:

Solo Recital and Portfolio Requirement (0 cr.)

#### Recital requirement – 0 credits

The solo recital requirement will be fulfilled by the presentation on the University of Oregon campus of a solo recital containing five original electroacoustic compositions to be performed with data-driven instruments that employ a variety of interface devices as the front-end to the data-driven instrument. Expected total duration will be approximately one hour.

#### Portfolio Requirement – 0 credits

The six works included in the digital video portfolio must be musically substantial and well-executed compositions. All of the compositions of the portfolio must have received a public performance. Only one of the portfolio compositions may include other musical performers. The videos of the six works should be created as studio productions and not produced from recordings of live performances (except in rare cases when audience impact is vital to the work itself). The quality of the final audio/video product must be excellent.

Comprehensive Exams – 0 credits

There will be a comprehensive exam that concentrates on musical and technical areas of music technology.

Dissertation, MUS 603 – 18 credits:

The dissertation will be comprised of 1) an original large-scale computer music composition of a substantial and ambitious scope that is at least fifteen minutes in duration, that is performed with a data-driven instrument, and that is documented with a high- definition audio video recording; 2) the original software that contributes to documentation of the composition and that forms an essential component to the data-driven instrument; and 3) a text document that analyzes and describes the composition and the data-driven instrument.

At least one full-time academic year, the residency year, must be completed. The year of residency is expected to be the first year after admission as the doctoral student (as specified by the UO Graduate School).

Intermedia Music Technology (MMus)

In addition to the University of Oregon Division of Graduate Studies' requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the Info for Grad Students (<https://music.uoregon.edu/current-students/info-graduate-music-students/>) webpage.

A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Have a basic understanding of the scope, integrative nature, and various functions of music technology as a field, including acquaintance with various applications of music technology in music, technological development, research, pedagogy, and in other fields.
- Have knowledge of and ability to use various terminologies and procedures in music technology, music, and technology, and their combinations as employed in and associated with the work of music technology. This includes, but is not limited to, their respective vocabularies of practice, ways work is conceptualized, developed, synthesized, and finalized, and phases of production, presentation, and/or distribution.
- Solve music technology problems, including (a) problem identification, information gathering, solution development, and testing, and (b) knowledge and skill to produce case-specific decisions about what is useful, usable, effective, and desirable during the course of music technology project development and production.
- Describe and respond to the needs or expectations of users, audiences, and/or contexts associated with doing professional work in two or more areas of music technology.

- Apply advanced knowledge of the properties of musical structures and processes to solving music technology problems.
- Have fundamental knowledge of current technologies and technological principles widely applicable to music technology, including but not limited to those associated with recording, manipulating, and presenting music and sound, signal flow and processing, music communication protocols, synthesis and interface technologies, sound synthesis, and interactive and generative media.
- Use industry standard technologies at a professional level to achieve goals and objectives associated with specific areas of music technology. These goals may be in terms such as mastery of production techniques, artistic expression, support for work in other fields, and relationships with other technologies and media.
- Apply knowledge of fundamental science, engineering, and math concepts and other aspects of the science of sounds and the electrical manipulations of sounds in music technology situations.
- Have a basic understanding of connections among music, technology, music technology, and culture, including the evolution of music technology, the impact of technology on music and culture, technological influences on multiple musical styles, including contemporary styles, and their cultural contexts, and information and means for projecting future possibilities in music technology; and basic understanding of these connections with regard to current and emerging Internet- and network-based programs, services, and environments related to the creation, sharing, and distribution of music.
- Have knowledge of the basic principles, laws, regulations, and ethical considerations and practices associated with music technology and intellectual property as it is both acquired and created by individuals working in the music technology program.
- Have comprehensive capabilities to use and integrate the above competencies in at least one area of music technology to produce professional-level work in at least one area, and basic-level work in a second area.

Intermedia Music Technology Requirements

| Code                                                                                                 | Title                              | Credits |
|------------------------------------------------------------------------------------------------------|------------------------------------|---------|
| Two 500-level seminars or courses in music outside the music technology area, approved by an advisor |                                    | 6-8     |
| MUS 550                                                                                              | Sensor Music                       | 3       |
| MUS 570                                                                                              | History of Electroacoustic Music   | 3       |
| MUS 571                                                                                              | Musical Performance Networks       | 3       |
| MUS 609                                                                                              | Terminal Project                   | 9       |
| MUS 611                                                                                              | Research Methods in Music          | 3       |
| MUS 693                                                                                              | Oregon Electronic Device Orchestra | 2       |
| Completion of 18 credits of the following:                                                           |                                    | 18      |
| MUS 645                                                                                              | Advanced Electronic Composition    |         |
| Two nonmusic courses, approved in advance by the advisor                                             |                                    | 6-8     |
| MUS 579                                                                                              | Data Sonification                  | 4       |
| Total Credits                                                                                        |                                    | 57-61   |

Additional Requirements

- electroacoustic listening exam—a listening examination covering contemporary and classic works of electroacoustic music literature
- technical exam—a four-hour written examination on theoretical aspects of music technology



- final oral examination—reviewing the terminal project and degree course work

## Music Composition (MMus)

In addition to the University of Oregon Division of Graduate Studies' requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the Info for Grad Students (<https://music.uoregon.edu/current-students/info-graduate-music-students/>) webpage.

A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate advanced competencies in composition. Studies in this area comprise as much as two-thirds or at least one-third of the total curriculum.
- Gain knowledge and skills in one or more fields of music outside the major such as history and literature, theory and analysis, musicology and ethnomusicology, performance, and pedagogy. Such supportive studies in music that broaden and deepen musical competence comprise at least one-third of the total curriculum.
- Be afforded regular opportunities to hear their works performed.
- Show a culminating demonstration of professional capability in the major field, the student must submit at least one original composition appropriate as a final project.

## Master of Music in Music Composition Requirements

| Code                            | Title                                          | Credits |
|---------------------------------|------------------------------------------------|---------|
| MUS 611                         | Research Methods in Music                      | 3       |
| MUS 538                         | Composers Forum (at least four terms)          | 4       |
| Select one of the following:    |                                                | 3-4     |
| MUS 548                         | Interactive Media Performance                  |         |
| MUS 645                         | Advanced Electronic Composition                |         |
| MUS 533–535                     | Counterpoint                                   | 12      |
| MUS 530                         | Tonal Analysis: Linear Prolongational Analysis | 3       |
| MUS 516                         | Post-Tonal Theory I                            | 3       |
| Select one of the following:    |                                                | 3       |
| MUS 531                         | Tonal Analysis: Form in Tonal Music            |         |
| MUS 517                         | Post-Tonal Theory II                           |         |
| MUS 634                         | Advanced Post-Tonal Theory                     |         |
| Select one of the following:    |                                                | 4       |
| MUS 551                         | Introduction to Ethnomusicology                |         |
| MUS 552                         | Musical Instruments of the World               |         |
| MUS 590                         | Balinese Gamelan (2 terms) <sup>1</sup>        |         |
| Two sequences of the following: |                                                | 18      |
| MUS 640–642                     | Advanced Composition Studies                   |         |

Music in Historic Era - select one from the following: 3

|                                            |                                              |              |
|--------------------------------------------|----------------------------------------------|--------------|
| MUS 660                                    | Music in the Middle Ages                     |              |
| MUS 661                                    | Music in the Renaissance                     |              |
| MUS 662                                    | Music in the Baroque Era                     |              |
| MUS 663                                    | Music in the Classical Period                |              |
| MUS 664                                    | Music in the Romantic Era                    |              |
| MUS 665                                    | Music in the 20th Century                    | 3            |
| MUS 605                                    | Reading and Conference: [Topic] <sup>2</sup> | 1            |
| Appropriate ensemble, at least three terms |                                              | 3-6          |
| MUS 503                                    | Thesis <sup>3</sup>                          | 9            |
| Notation Proficiency                       |                                              |              |
| Orchestration Proficiency                  |                                              |              |
| Piano Proficiency <sup>4</sup>             |                                              |              |
| Composition Recital <sup>5</sup>           |                                              |              |
| Final Oral Examination <sup>6</sup>        |                                              |              |
| <b>Total Credits</b>                       |                                              | <b>72-76</b> |

- <sup>1</sup> May not be chosen if taken to fulfill ensemble requirement already.
- <sup>2</sup> Composition Thesis Proposal. Must be taken no later than fourth quarter of Advanced Composition Studies.
- <sup>3</sup> A composition of substantial dimension, composed under the guidance of a member of the music composition faculty. A reading (or performance) and recording of the thesis is required.
- <sup>4</sup> Students have 2 ways of meeting the piano proficiency: (1) Six consecutive terms of MUP 165 in piano (2) pass the proficiency exam administered by the composition faculty, which may be taken at the end of any of the first five terms of piano lessons (MUP 165).
- <sup>5</sup> Public performance of at least 50 minutes of music composed under the guidance of and approved by the composition faculty.
- <sup>6</sup> Oral Examination reviewing thesis and degree coursework.

## Music Composition (PhD)

The University of Oregon offers a Doctor of Philosophy in Data-Driven Music Performance and Composition, Music Composition, Music Education, Music Theory, and Musicology.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- The doctoral degree program in composition stresses creative activity emphasizing the development of a personal aesthetic expressible in sound.
- Competencies also include a broad knowledge of historical and contemporary compositional practices, music theory, history and criticism, and creative approaches to relationships of these to the compositional process.

## Doctor of Philosophy in Music Composition Requirements

| Code                                                   | Title                     | Credits |
|--------------------------------------------------------|---------------------------|---------|
| MUS 611                                                | Research Methods in Music | 3       |
| MUS 629                                                | Repertoire and Analysis   | 3       |
| MUE 641                                                | College Music Teaching    | 3       |
| MUS 665                                                | Music in the 20th Century | 3       |
| Music in Historic Era - select one from the following: |                           | 3       |

|                                                                               |                                                |                |
|-------------------------------------------------------------------------------|------------------------------------------------|----------------|
| MUS 660                                                                       | Music in the Middle Ages                       |                |
| MUS 661                                                                       | Music in the Renaissance                       |                |
| MUS 662                                                                       | Music in the Baroque Era                       |                |
| MUS 663                                                                       | Music in the Classical Period                  |                |
| MUS 664                                                                       | Music in the Romantic Era                      |                |
| Non-Music Courses <sup>1</sup>                                                |                                                | 8              |
| Research Development Courses (8 credits or 2 courses) <sup>2</sup>            |                                                | 6-8            |
| MUE 639                                                                       | Pedagogy and Practicum: [Topic]                | 3              |
| MUS 538                                                                       | Composers Forum (at least 4 terms)             | 4              |
| Two sequences of the following:                                               |                                                | 18             |
| MUS 640–642 Advanced Composition Studies                                      |                                                |                |
| Select one course from the following:                                         |                                                | 3-4            |
| MUS 548                                                                       | Interactive Media Performance                  |                |
| MUS 645                                                                       | Advanced Electronic Composition                |                |
| MUS 533–535                                                                   | Counterpoint                                   | 12             |
| MUS 530                                                                       | Tonal Analysis: Linear Prolongational Analysis | 3              |
| MUS 516                                                                       | Post-Tonal Theory I                            | 3              |
| Select one course from the following:                                         |                                                | 3              |
| MUS 517                                                                       | Post-Tonal Theory II                           |                |
| MUS 531                                                                       | Tonal Analysis: Form in Tonal Music            |                |
| MUS 634                                                                       | Advanced Post-Tonal Theory                     |                |
| One additional graduate-level seminar or course in musicology/ethnomusicology |                                                | 3-4            |
| Ethnomusicology - select one course from the following:                       |                                                | 2-4            |
| MUS 551                                                                       | Introduction to Ethnomusicology                |                |
| MUS 552                                                                       | Musical Instruments of the World               |                |
| MUS 590                                                                       | Balinese Gamelan (two terms)                   |                |
| MUS 605                                                                       | Reading and Conference: [Topic] <sup>3</sup>   | 1              |
| Notation Proficiency Exam                                                     |                                                |                |
| Orchestration Proficiency Exam                                                |                                                |                |
| Recital                                                                       |                                                |                |
| Comprehensive Exam                                                            |                                                |                |
| Dissertation                                                                  |                                                | 18             |
| MUS 603                                                                       | Dissertation                                   |                |
| Performance of dissertation and final defense                                 |                                                |                |
| <b>Total Credits</b>                                                          |                                                | <b>102-108</b> |

<sup>1</sup> Chosen in consultation with faculty advisor. These courses are intended to assist with content creation of the final writing/creation of dissertation or lecture document.

<sup>2</sup> Chosen in consultation with faculty advisor. These courses are intended to prepare students for the research and writing/creation of dissertation or lecture document.

<sup>3</sup> Composition dissertation proposal.

## Musicology/Ethnomusicology Courses

| Code    | Title                                  | Credits |
|---------|----------------------------------------|---------|
| MUS 528 | Cultures of Musical Celebrity          | 3       |
| MUS 551 | Introduction to Ethnomusicology        | 4       |
| MUS 552 | Musical Instruments of the World       | 4       |
| MUS 562 | Popular Musics in the African Diaspora | 4       |
| MUS 575 | History of Opera                       | 4       |

|         |                                            |   |
|---------|--------------------------------------------|---|
| MUS 587 | Music and Emotion                          | 4 |
| MUS 614 | Introduction to Musicology                 | 4 |
| MUS 643 | Notation of Medieval and Renaissance Music | 3 |
| MUS 660 | Music in the Middle Ages <sup>1</sup>      | 3 |
| MUS 661 | Music in the Renaissance <sup>1</sup>      | 3 |
| MUS 662 | Music in the Baroque Era <sup>1</sup>      | 3 |
| MUS 663 | Music in the Classical Period <sup>1</sup> | 3 |
| MUS 664 | Music in the Romantic Era <sup>1</sup>     | 3 |
| MUS 670 | Graduate Seminar in Musicology: [Topic]    | 4 |
| MUS 671 | Seminar in Ethnomusicology: [Topic]        | 4 |
| MUS 680 | Historical Performance Practices I         | 3 |
| MUS 681 | Historical Performance Practices II        | 3 |
| MUS 682 | Historical Performance Practices III       | 3 |
| MUS 683 | Rhetoric and Music                         | 4 |
| MUS 684 | Musical Iconography                        | 4 |

<sup>1</sup> MUS 660-664 can only count after the student has already fulfilled the Music in Historic Era requirement.

## Music: Conducting (MMus)

### Emphasis

- Choral
- Orchestral
- Wind Ensemble

In addition to the University of Oregon Division of Graduate Studies' requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the Info for Grad Students (<https://music.uoregon.edu/current-students/info-graduate-music-students/>) webpage.

A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate advanced competencies in conducting. Conducting, analytical studies, score reading, and rehearsal techniques comprise as much as two-thirds or at least one-third of the total curriculum.
- Gain knowledge and skills in one or more fields of music outside the major such as orchestration, history and literature, musicology and ethnomusicology, performance, and composition. Such supportive studies in music that broaden and deepen musical competence comprise at least one-third of the total curriculum.
- Choral conducting majors must be proficient in vocal pedagogy and in English, German, French, Italian, and Latin diction. They must have general phonetic knowledge and skills that can be related to other

languages. They should have language competencies sufficient to understand texts in the repertory.

- Be afforded the opportunity for regular conducting experience under faculty supervision and with an appropriate ensemble.
- As a culminating demonstration of professional capability in the major field, the student must conduct a concert-length public performance or the equivalent.

## Master of Music in Music: Conducting—Choral Emphasis

| Code                                                                                                               | Title                                                                                  | Credits      |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------|
| MUS 611                                                                                                            | Research Methods in Music                                                              | 3            |
| Performance Studies: Voice, at least three terms                                                                   |                                                                                        | 6            |
| MUS 607                                                                                                            | Seminar: [Topic] (Choral Conducting)                                                   | 2            |
| MUS 607                                                                                                            | Seminar: [Topic] (Choral Conducting)                                                   | 2            |
| MUS 607                                                                                                            | Seminar: [Topic] (Choral Conducting)                                                   | 2            |
| MUS 627                                                                                                            | Survey of Choral Literature I                                                          | 3            |
| MUS 628                                                                                                            | Survey of Choral Literature II                                                         | 3            |
| MUE 606                                                                                                            | Field Studies: [Topic] (three terms)                                                   | 6            |
| MUS 697                                                                                                            | Chorus: [Topic] (three terms of Chamber Choir or University Singers)                   | 6            |
| Select two of the following:                                                                                       |                                                                                        | 6            |
| MUS 661                                                                                                            | Music in the Renaissance                                                               |              |
| MUS 662                                                                                                            | Music in the Baroque Era                                                               |              |
| MUS 663                                                                                                            | Music in the Classical Period                                                          |              |
| MUS 664                                                                                                            | Music in the Romantic Era                                                              |              |
| MUS 665                                                                                                            | Music in the 20th Century                                                              |              |
| Select two of the following:                                                                                       |                                                                                        | 6            |
| MUS 607                                                                                                            | Seminar: [Topic] (Master Class in Conducting associated with the Oregon Bach Festival) |              |
| MUS 605                                                                                                            | Reading and Conference: [Topic] (OBF Chamber Choir)                                    |              |
| MUS 680–682 Historical Performance Practices I-III                                                                 |                                                                                        |              |
| MUE 542                                                                                                            | Teaching Singing in the Classroom                                                      |              |
| MUS 555                                                                                                            | Lyric Diction                                                                          |              |
| MUS 556                                                                                                            | Lyric Diction                                                                          |              |
| MUE 639                                                                                                            | Pedagogy and Practicum: [Topic] (Choral Conducting or Voice)                           |              |
| MUS 643–644 Notation of Medieval and Renaissance Music                                                             |                                                                                        |              |
| MUS 691                                                                                                            | Collegium Musicum                                                                      | 1-3          |
| Electives in the area of emphasis, chosen in consultation with advisor to bring final total to 54 graduate credits |                                                                                        | 15           |
| <b>Total Credits</b>                                                                                               |                                                                                        | <b>61-63</b> |

### Additional Requirements

- final program portfolio
- as a culminating demonstration of professional capability in the major field, the student must conduct a juried, concert-length public performance or the equivalent
- piano proficiency examination
- a final oral examination that covers degree course work

## Residence Requirement

Three consecutive terms must be in residence, excluding summer sessions.

## Master of Music in Music: Conducting—Orchestral Emphasis

| Code                                                                     | Title                                          | Credits   |
|--------------------------------------------------------------------------|------------------------------------------------|-----------|
| MUS 611                                                                  | Research Methods in Music                      | 3         |
| MUS 624                                                                  | Instrumental Conducting Laboratory (six terms) | 12        |
| MUS 625                                                                  | Orchestral Music: Bach to Beethoven            | 2         |
| MUS 626                                                                  | Orchestral Music: 1825 to Modern               | 2         |
| MUS 629                                                                  | Repertoire and Analysis                        | 3         |
| MUS 681                                                                  | Historical Performance Practices II            | 3         |
| or MUS 682                                                               | Historical Performance Practices III           |           |
| MUP Performance Studies (three terms)                                    |                                                | 6         |
| Select two of the following:                                             |                                                | 6         |
| MUS 662                                                                  | Music in the Baroque Era                       |           |
| MUS 663                                                                  | Music in the Classical Period                  |           |
| MUS 664                                                                  | Music in the Romantic Era                      |           |
| MUS 665                                                                  | Music in the 20th Century                      |           |
| Ensemble (three terms) <sup>1</sup>                                      |                                                | 6         |
| Electives at the 500 level or above in the area of emphasis <sup>2</sup> |                                                | 11        |
| Juried rehearsal prepared in consultation with faculty advisor           |                                                |           |
| <b>Total Credits</b>                                                     |                                                | <b>54</b> |

<sup>1</sup> Ensemble must be approved by an advisor.

<sup>2</sup> Chosen in consultation with an advisor.

### Additional Requirements

- as a culminating demonstration of professional capability in the major field, the student must conduct a juried, concert-length public performance or the equivalent
- academic year in residence
- a final oral examination that covers degree course work
- a research paper dealing with some aspect of orchestral conducting

## Master of Music in Music: Conducting—Wind Ensemble Emphasis

| Code                         | Title                                                                | Credits |
|------------------------------|----------------------------------------------------------------------|---------|
| MUP 635                      | Music Performance Studies: [Topic] (Three terms, 2 credits per term) | 6       |
| MUS 611                      | Research Methods in Music                                            | 3       |
| MUS 620                      | Bibliography in Instrumental Conducting                              | 3       |
| MUS 624                      | Instrumental Conducting Laboratory (Six terms, 2 credits per term)   | 12      |
| MUE 507                      | Seminar: [Topic] (Band Materials)                                    | 3       |
| MUS 622                      | Wind Repertoire                                                      | 3       |
| MUS 623                      | Wind Repertoire                                                      | 3       |
| Select one of the following: |                                                                      | 3       |
| MUS 660                      | Music in the Middle Ages                                             |         |
| MUS 661                      | Music in the Renaissance                                             |         |
| MUS 662                      | Music in the Baroque Era                                             |         |

|         |                                              |   |
|---------|----------------------------------------------|---|
| MUS 663 | Music in the Classical Period                |   |
| MUS 664 | Music in the Romantic Era                    |   |
| MUS 665 | Music in the 20th Century                    | 3 |
| MUS 695 | Band: [Topic] (three terms of Wind Ensemble) | 6 |

**Total Credits** **45**

### Additional Requirements

- as a culminating demonstration of professional capability in the major field, the student must conduct a juried rehearsal and concert-length public performance or the equivalent
- academic year in residence
- a final oral examination that covers degree course work
- a research paper dealing with some aspect of wind ensemble conducting

## Music Education (MMus)

In addition to the University of Oregon Division of Graduate Studies' requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the Info for Grad Students (<https://music.uoregon.edu/current-students/info-graduate-music-students/>) webpage.

A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate advanced competencies in music education. Studies in this area comprise as much as two-thirds or at least one-third of the total curriculum.
- Gain knowledge and skills in one or more fields of music outside the major such as performance, conducting, theory and analysis, and history and literature. Such supportive studies in music that broaden and deepen musical competence comprise at least one-third of the total curriculum. To ensure breadth of competence, it is strongly recommended that institutions require at least one advanced course in music history, musicology, or ethnomusicology; one in performance; and one in music theory analysis.
- Develop graduate-level perspectives on contemporary issues and problems in music education. This may include a review of curriculum developments, teaching methodology, innovations, and multidisciplinary concepts in advanced seminars or by other means.

## Master of Music in Music Education Requirements

Candidates are required to establish an area of emphasis among the following:

- Choral music education (voice and piano must be used)
- Elementary general music education (voice and piano must be used)

- Instrumental music education: band (traditional wind or percussion instruments must be used)
- Instrumental music education: orchestra (violin, viola, cello, or double bass must be used)

| Code                                                                   | Title                                                | Credits      |
|------------------------------------------------------------------------|------------------------------------------------------|--------------|
| MUE 532                                                                | Music in School and Society                          | 3            |
| MUE 538                                                                | Curricular Strategies in Music Education             | 3            |
| MUE 612                                                                | Quantitative Research in Music Education             | 3            |
| MUE 649                                                                | History of Western Music Education                   | 3            |
| Music in Historic Era - Select one of the following:                   |                                                      | 3            |
| MUS 660                                                                | Music in the Middle Ages                             |              |
| MUS 661                                                                | Music in the Renaissance                             |              |
| MUS 662                                                                | Music in the Baroque Era                             |              |
| MUS 663                                                                | Music in the Classical Period                        |              |
| MUS 664                                                                | Music in the Romantic Era                            |              |
| MUS 665                                                                | Music in the 20th Century                            |              |
| Music Performance Studies                                              |                                                      | 6            |
| MUP 635                                                                | Music Performance Studies: [Topic]                   |              |
| 500-level or above music theory, musicology, or ethnomusicology course |                                                      | 3-4          |
| 500-level or above music education courses in area of emphasis         |                                                      | 12           |
| Electives at the 500- or 600-level <sup>1</sup>                        |                                                      | 6            |
| Ensemble, three terms                                                  |                                                      | 3-6          |
| Thesis/Project - Select one of the following:                          |                                                      | 6-9          |
| MUE 503                                                                | Thesis (and oral examination - 9 credits)            |              |
| MUE 601                                                                | Research: [Topic] (and oral examination - 6 credits) |              |
| Final Oral Examination <sup>2</sup>                                    |                                                      |              |
| <b>Total Credits</b>                                                   |                                                      | <b>51-58</b> |

<sup>1</sup> Recommended courses: MUE 647: Psychology of Music, MUE 614: Qualitative Research in Music Education, MUE 641: College Music Teaching, EDUC 6XX, EDLD 6XX.

<sup>2</sup> Oral examination reviewing all music education coursework.

### Additional Requirements

As needed, courses in expository writing.

### Musicology/Ethnomusicology/Music Theory Courses

| Code    | Title                                      | Credits |
|---------|--------------------------------------------|---------|
| MUS 528 | Cultures of Musical Celebrity              | 3       |
| MUS 551 | Introduction to Ethnomusicology            | 4       |
| MUS 552 | Musical Instruments of the World           | 4       |
| MUS 562 | Popular Musics in the African Diaspora     | 4       |
| MUS 575 | History of Opera                           | 4       |
| MUS 587 | Music and Emotion                          | 4       |
| MUS 614 | Introduction to Musicology                 | 4       |
| MUS 643 | Notation of Medieval and Renaissance Music | 3       |
| MUS 660 | Music in the Middle Ages                   | 3       |
| MUS 661 | Music in the Renaissance                   | 3       |

|         |                                                |   |
|---------|------------------------------------------------|---|
| MUS 662 | Music in the Baroque Era                       | 3 |
| MUS 663 | Music in the Classical Period                  | 3 |
| MUS 664 | Music in the Romantic Era                      | 3 |
| MUS 665 | Music in the 20th Century                      | 3 |
| MUS 670 | Graduate Seminar in Musicology: [Topic]        | 4 |
| MUS 671 | Seminar in Ethnomusicology: [Topic]            | 4 |
| MUS 680 | Historical Performance Practices I             | 3 |
| MUS 681 | Historical Performance Practices II            | 3 |
| MUS 682 | Historical Performance Practices III           | 3 |
| MUS 683 | Rhetoric and Music                             | 4 |
| MUS 684 | Musical Iconography                            | 4 |
| MUS 516 | Post-Tonal Theory I                            | 3 |
| MUS 517 | Post-Tonal Theory II                           | 3 |
| MUS 530 | Tonal Analysis: Linear Prolongational Analysis | 3 |
| MUS 531 | Tonal Analysis: Form in Tonal Music            | 3 |
| MUS 532 | Tonal Analysis: Analysis of Popular Music      | 3 |
| MUS 533 | Counterpoint                                   | 4 |
| MUS 534 | Counterpoint                                   | 4 |
| MUS 535 | Counterpoint                                   | 4 |
| MUS 615 | Current Trends in Music Theory                 | 3 |
| MUS 629 | Repertoire and Analysis                        | 3 |
| MUS 630 | History of Theory I                            | 3 |
| MUS 631 | History of Theory II                           | 3 |
| MUS 632 | History of Theory III                          | 3 |
| MUS 634 | Advanced Post-Tonal Theory                     | 3 |

## Music Education (PhD)

The University of Oregon offers a Doctor of Philosophy in Data-Driven Music Performance and Composition, Music Composition, Music Education, Music Theory, and Musicology.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- The doctoral degree program in music education emphasizes the preparation of music administrators, teachers, researchers, and educational leaders who are able to think abstractly, generalize knowledge, carry on research and apply research results to their own areas of specialization, and communicate effectively both orally and in written form. The program involves the scholarly study of the philosophical and psychological foundations of music education and the processes of teaching and learning music, culmination in a dissertation.

### Doctor of Philosophy in Music Education

| Code                                                               | Title                                    | Credits |
|--------------------------------------------------------------------|------------------------------------------|---------|
| Graduate Course in Qualitative Research <sup>1</sup>               |                                          | 3-4     |
| MUE 612                                                            | Quantitative Research in Music Education | 3       |
| MUE 641                                                            | College Music Teaching                   | 3       |
| MUE 647                                                            | Psychology of Music                      | 3       |
| MUE 649                                                            | History of Western Music Education       | 3       |
| MUE 607                                                            | Seminar: [Topic] (3 terms) <sup>2</sup>  | 3       |
| Research Development Courses (8 credits or 2 courses) <sup>3</sup> |                                          | 6-8     |

|                                       |                                                                 |              |
|---------------------------------------|-----------------------------------------------------------------|--------------|
| MUE 601                               | Research: [Topic] (Dissertation Proposal Research) <sup>4</sup> | 3-6          |
| Diagnostic Exam                       |                                                                 |              |
| Comprehensive Exam                    |                                                                 |              |
| MUE 603                               | Dissertation <sup>5</sup>                                       | 18           |
| Public Lecture and final oral defense |                                                                 |              |
| <b>Total Credits</b>                  |                                                                 | <b>45-51</b> |

- Chosen in consultation with faculty advisor.
- Seminar in Music Education.
- Chosen in consultation with faculty advisor. These courses are intended to prepare students for the research and writing/creation of dissertation.
- Can be taken concurrently with or after comprehensive exam.
- Summer session enrollment requires advisor's consent.

## Music Performance (MMus)

In addition to the University of Oregon Division of Graduate Studies' requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the Info for Grad Students (<https://music.uoregon.edu/current-students/info-graduate-music-students/>) webpage.

A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

### Options are available in

- Brass (p. 618): Euphonium, Horn, Trombone, Trumpet, Tuba
- Keyboards (p. 618): Collaborative Keyboard, Harpsichord, Organ, Solo Piano
- Multiple Instruments (p. 619): Brass, Woodwinds
- Strings (p. 620): Double Bass, Cello, Harp, Viola, Violin
- Percussion (p. 620)
- Voice (p. 621)
- Woodwinds (p. 621): Bassoon, Clarinet, Flute, Saxophone

### Ensemble Requirements

- Instrumental ensemble options: University Symphony Orchestra, Oregon Wind Ensemble, Oregon Wind Symphony
- Voice ensemble options: University Singers, Chamber Choir, Opera Ensemble
- Students studying harpsichord, piano, collaborative piano, organ, or harp have other ensemble options. See charts for associated instruments

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate advanced competencies in performance. Studies in this area comprise as much as two-thirds or at least one-third of the total curriculum.



- Gain knowledge and skills in one or more fields of music outside the major such as theory and analysis, history and literature, musicology and ethnomusicology, and pedagogy. Such supportive studies in music that broaden and deepen musical competence comprise at least one-third of the total curriculum.
- Voice majors are expected to be proficient in English, German, French, and Italian diction and to have general phonetic knowledge and skills that can be applied to other languages. They should have language competencies sufficient to understand texts in the repertoire.
- As a culminating demonstration of professional capability in the major field, the student must present a public performance, which may serve as the thesis. Normally, the performance includes at least sixty minutes of recital in which the performer is a soloist.

## Music Performance - Brass

| Code                                                                                                | Title                         | Credits      |
|-----------------------------------------------------------------------------------------------------|-------------------------------|--------------|
| MUS 611                                                                                             | Research Methods in Music     | 3            |
| Performance Studies, MUP 665 (6 terms)                                                              |                               | 24           |
| Appropriate Ensemble (6 terms)                                                                      |                               | 12           |
| MUS 695                                                                                             | Band: [Topic]                 |              |
|                                                                                                     | or MUS 696 Orchestra: [Topic] |              |
| MUS 691                                                                                             | Collegium Musicum             | 1            |
| Music in Historic Era - select one of the following:                                                |                               | 3            |
| MUS 660                                                                                             | Music in the Middle Ages      |              |
| MUS 661                                                                                             | Music in the Renaissance      |              |
| MUS 662                                                                                             | Music in the Baroque Era      |              |
| MUS 663                                                                                             | Music in the Classical Period |              |
| MUS 664                                                                                             | Music in the Romantic Era     |              |
| MUS 665                                                                                             | Music in the 20th Century     |              |
| One music theory course at the 500-level or above <sup>1</sup>                                      |                               | 3-4          |
| One music theory or musicology/ethnomusicology course at the 600-level or above <sup>1</sup>        |                               | 3-4          |
| One musicology/ethnomusicology, theory, or literature course at the 500-level or above <sup>1</sup> |                               | 3-4          |
| Recital                                                                                             |                               |              |
| Final Oral Examination <sup>2</sup>                                                                 |                               |              |
| <b>Total Credits</b>                                                                                |                               | <b>52-55</b> |

<sup>1</sup> Courses are listed in the Approved Courses (p. 621) section.

<sup>2</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

- Collaborative Piano (p. 618)
- Harpsichord (p. 618)
- Organ (p. 619)
- Solo Piano (p. 619)

## Music Performance - Keyboard: Collaborative Piano

| Code                                                       | Title                     | Credits |
|------------------------------------------------------------|---------------------------|---------|
| MUS 611                                                    | Research Methods in Music | 3       |
| Performance Studies: Piano Accompanying, MUP 665 (6 terms) |                           | 24      |
| Performance Studies: Piano, MUP 650                        |                           | 4       |
| Chamber Ensemble (6 terms)                                 |                           | 6       |

|                                                                |                                              |              |
|----------------------------------------------------------------|----------------------------------------------|--------------|
| MUS 694                                                        | Chamber Ensemble: [Topic]                    |              |
| MUS 691                                                        | Collegium Musicum                            | 1            |
| MUS 605                                                        | Reading and Conference: [Topic] <sup>1</sup> | 2            |
| MUS 567-568                                                    | Solo Vocal Music                             | 6            |
| Music in Historic Era - select one of the following:           |                                              | 3            |
| MUS 660                                                        | Music in the Middle Ages                     |              |
| MUS 661                                                        | Music in the Renaissance                     |              |
| MUS 662                                                        | Music in the Baroque Era                     |              |
| MUS 663                                                        | Music in the Classical Period                |              |
| MUS 664                                                        | Music in the Romantic Era                    |              |
| MUS 665                                                        | Music in the 20th Century                    |              |
| One music theory course at the 500-level or above <sup>2</sup> |                                              | 3-4          |
| Two recitals                                                   |                                              |              |
| Final Oral Examination <sup>3</sup>                            |                                              |              |
| <b>Total Credits</b>                                           |                                              | <b>52-53</b> |

<sup>1</sup> Music for Chamber Ensemble.

<sup>2</sup> Courses are listed in the Approved Courses (p. 621) section.

<sup>3</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

## Additional Requirements

Lyric Diction Proficiency is to be met by either passing MUS 155 and MUS 156, or the equivalent.

## Music Performance - Keyboard: Harpsichord

| Code                                                                                                | Title                                        | Credits      |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------|--------------|
| MUS 611                                                                                             | Research Methods in Music                    | 3            |
| Performance Studies, MUP 665 (6 terms)                                                              |                                              | 24           |
| Appropriate Ensemble (6 terms) <sup>1</sup>                                                         |                                              | 12           |
| MUS 605                                                                                             | Reading and Conference: [Topic] <sup>2</sup> | 3            |
| MUS 650                                                                                             | Piano Literature                             | 3            |
| MUS 691                                                                                             | Collegium Musicum                            | 1            |
| Music in Historic Era - select one of the following:                                                |                                              | 3            |
| MUS 660                                                                                             | Music in the Middle Ages                     |              |
| MUS 661                                                                                             | Music in the Renaissance                     |              |
| MUS 662                                                                                             | Music in the Baroque Era                     |              |
| MUS 663                                                                                             | Music in the Classical Period                |              |
| MUS 664                                                                                             | Music in the Romantic Era                    |              |
| MUS 665                                                                                             | Music in the 20th Century                    |              |
| One music theory course at the 500-level or above <sup>3</sup>                                      |                                              | 3-4          |
| One music theory or musicology/ethnomusicology course at the 600-level or above <sup>3</sup>        |                                              | 3-4          |
| One musicology/ethnomusicology, theory, or literature course at the 500-level or above <sup>3</sup> |                                              | 3-4          |
| Recital                                                                                             |                                              |              |
| Final Oral Examination <sup>4</sup>                                                                 |                                              |              |
| <b>Total Credits</b>                                                                                |                                              | <b>58-61</b> |

<sup>1</sup> Harpsichord students may enroll in one of the following courses instead of large-conducted ensembles: MUS 605, MUS 691, MUS 694

<sup>2</sup> Harpsichord Literature.

<sup>3</sup> Courses are listed in the Approved Courses (p. 621) section.

<sup>4</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

## Music Performance - Keyboard: Organ

| Code                                                                                                | Title                                        | Credits      |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------|--------------|
| MUS 611                                                                                             | Research Methods in Music                    | 3            |
| Performance Studies, MUP 665 (6 terms)                                                              |                                              | 24           |
| Appropriate Ensemble (6 terms) <sup>1</sup>                                                         |                                              | 12           |
| MUS 605                                                                                             | Reading and Conference: [Topic] <sup>2</sup> | 1-4          |
| MUE 639                                                                                             | Pedagogy and Practicum: [Topic]              | 3            |
| MUS 691                                                                                             | Collegium Musicum                            | 1            |
| Music in Historic Era - select one of the following:                                                |                                              | 3            |
| MUS 660                                                                                             | Music in the Middle Ages                     |              |
| MUS 661                                                                                             | Music in the Renaissance                     |              |
| MUS 662                                                                                             | Music in the Baroque Era                     |              |
| MUS 663                                                                                             | Music in the Classical Period                |              |
| MUS 664                                                                                             | Music in the Romantic Era                    |              |
| MUS 665                                                                                             | Music in the 20th Century                    |              |
| One music theory course at the 500-level or above <sup>3</sup>                                      |                                              | 3-4          |
| One music theory or musicology/ethnomusicology course at the 600-level or above <sup>3</sup>        |                                              | 3-4          |
| One musicology/ethnomusicology, theory, or literature course at the 500-level or above <sup>3</sup> |                                              | 3-4          |
| Recital                                                                                             |                                              |              |
| Final Oral Examination <sup>4</sup>                                                                 |                                              |              |
| <b>Total Credits</b>                                                                                |                                              | <b>56-62</b> |

<sup>1</sup> Organ students may enroll in one of the following courses instead of large-conducted ensembles: MUS 605, MUS 691, MUS 694.

<sup>2</sup> Organ Literature.

<sup>3</sup> Courses are listed in the Approved Courses (p. 621) section.

<sup>4</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

## Music Performance - Keyboard: Solo Piano

| Code                                                 | Title                                  | Credits |
|------------------------------------------------------|----------------------------------------|---------|
| MUS 611                                              | Research Methods in Music              | 3       |
| Performance Studies, MUP 665 (6 terms)               |                                        | 24      |
| Ensemble                                             |                                        | 9       |
| MUS 521                                              | The Collaborative Pianist              |         |
| MUS 522                                              | The Collaborative Pianist              |         |
| MUS 523                                              | The Collaborative Pianist              |         |
| MUS 694                                              | Chamber Ensemble: [Topic] <sup>1</sup> |         |
| MUS 691                                              | Collegium Musicum                      | 1       |
| MUS 650                                              | Piano Literature                       | 3       |
| MUS 651                                              | Piano Literature                       | 3       |
| MUS 652                                              | Piano Literature                       | 3       |
| Music in Historic Era - select one of the following: |                                        | 3       |
| MUS 660                                              | Music in the Middle Ages               |         |
| MUS 661                                              | Music in the Renaissance               |         |
| MUS 662                                              | Music in the Baroque Era               |         |

|                                                                                                     |                               |              |
|-----------------------------------------------------------------------------------------------------|-------------------------------|--------------|
| MUS 663                                                                                             | Music in the Classical Period |              |
| MUS 664                                                                                             | Music in the Romantic Era     |              |
| MUS 665                                                                                             | Music in the 20th Century     |              |
| One music theory course at the 500-level or above <sup>2</sup>                                      |                               | 3-4          |
| One music theory or musicology/ethnomusicology course at the 600-level or above <sup>2</sup>        |                               | 3-4          |
| One musicology/ethnomusicology, theory, or literature course at the 500-level or above <sup>2</sup> |                               | 3-4          |
| Recital                                                                                             |                               |              |
| Final Oral Examination <sup>3</sup>                                                                 |                               |              |
| <b>Total Credits</b>                                                                                |                               | <b>58-61</b> |

<sup>1</sup> Top Accompanying. One credit each, at least 3 terms.

<sup>2</sup> Courses are listed in the Approved Courses (p. 621) section.

<sup>3</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

## Music Performance - Multiple Brass or Woodwinds

| Code                                                                                                | Title                                                             | Credits      |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------|
| MUS 611                                                                                             | Research Methods in Music                                         | 3            |
| Performance Studies, MUP 665 (at least 3 terms) <sup>1</sup>                                        |                                                                   | 12           |
| Performance Studies on secondary instruments <sup>2</sup>                                           |                                                                   | 8            |
| MUP 650                                                                                             | Music Performance Studies<br>or MUP 665 Music Performance Studies |              |
| Appropriate Ensemble (at least 3 terms) <sup>3</sup>                                                |                                                                   | 6            |
| MUS 695                                                                                             | Band: [Topic]<br>or MUS 696 Orchestra: [Topic]                    |              |
| MUS 691                                                                                             | Collegium Musicum                                                 | 1            |
| MUE 639                                                                                             | Pedagogy and Practicum: [Topic]                                   | 3            |
| MUS 605                                                                                             | Reading and Conference: [Topic] <sup>4</sup>                      | 3            |
| Music in Historic Era - select one of the following:                                                |                                                                   | 3            |
| MUS 660                                                                                             | Music in the Middle Ages                                          |              |
| MUS 661                                                                                             | Music in the Renaissance                                          |              |
| MUS 662                                                                                             | Music in the Baroque Era                                          |              |
| MUS 663                                                                                             | Music in the Classical Period                                     |              |
| MUS 664                                                                                             | Music in the Romantic Era                                         |              |
| MUS 665                                                                                             | Music in the 20th Century                                         |              |
| One music theory course at the 500-level or above <sup>5</sup>                                      |                                                                   | 3-4          |
| One music theory or musicology/ethnomusicology course at the 600-level or above <sup>5</sup>        |                                                                   | 3-4          |
| One musicology/ethnomusicology, theory, or literature course at the 500-level or above <sup>5</sup> |                                                                   | 3-4          |
| Recital on primary instrument                                                                       |                                                                   |              |
| Recital of a substantial compositions on each of two secondary instruments                          |                                                                   |              |
| Final Oral Examination <sup>6</sup>                                                                 |                                                                   |              |
| <b>Total Credits</b>                                                                                |                                                                   | <b>48-51</b> |

<sup>1</sup> Must be concurrently enrolled in a large ensemble for every term of studio instruction.

<sup>2</sup> Woodwinds (2 secondary instruments) = 2 terms on each instrument of MUP 650. Brass (2 secondary instruments) = 1 term on each instrument of MUP 665.

- <sup>3</sup> May be met by concurrent ensemble requirement from footnote 1.
- <sup>4</sup> Wind Instrument Music.
- <sup>5</sup> Courses are listed in the Approved Courses (p. 621) section.
- <sup>6</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

- Double Bass, Cello (p. 620)
- Harp (p. 620)
- Viola, Violin (p. 620)

## Music Performance - Double Bass, Cello

| Code                                                                                                | Title                                  | Credits      |
|-----------------------------------------------------------------------------------------------------|----------------------------------------|--------------|
| MUS 611                                                                                             | Research Methods in Music              | 3            |
| Performance Studies, MUP 665 (6 terms)                                                              |                                        | 24           |
| Appropriate Ensemble, MUS 696 (6 terms)                                                             |                                        | 12           |
| MUS 694                                                                                             | Chamber Ensemble: [Topic] <sup>1</sup> | 3            |
| MUS 691                                                                                             | Collegium Musicum                      | 1            |
| Music in Historic Era - select one of the following:                                                |                                        | 3            |
| MUS 660                                                                                             | Music in the Middle Ages               |              |
| MUS 661                                                                                             | Music in the Renaissance               |              |
| MUS 662                                                                                             | Music in the Baroque Era               |              |
| MUS 663                                                                                             | Music in the Classical Period          |              |
| MUS 664                                                                                             | Music in the Romantic Era              |              |
| MUS 665                                                                                             | Music in the 20th Century              |              |
| One music theory course at the 500-level or above <sup>2</sup>                                      |                                        | 3-4          |
| One music theory or musicology/ethnomusicology course at the 600-level or above <sup>2</sup>        |                                        | 3-4          |
| One musicology/ethnomusicology, theory, or literature course at the 500-level or above <sup>2</sup> |                                        | 3-4          |
| Recital                                                                                             |                                        |              |
| Final Oral Examination <sup>3</sup>                                                                 |                                        |              |
| <b>Total Credits</b>                                                                                |                                        | <b>55-58</b> |

- <sup>1</sup> At least three terms.
- <sup>2</sup> Courses are listed in the Approved Courses (p. 621) section.
- <sup>3</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

## Music Performance - Harp

| Code                                                 | Title                                  | Credits |
|------------------------------------------------------|----------------------------------------|---------|
| MUS 611                                              | Research Methods in Music              | 3       |
| Performance Studies, MUP 665 (6 terms)               |                                        | 24      |
| Appropriate Ensemble (6 terms) <sup>1</sup>          |                                        | 12      |
| MUS 694                                              | Chamber Ensemble: [Topic] <sup>2</sup> | 3       |
| MUS 691                                              | Collegium Musicum                      | 1       |
| Music in Historic Era - select one of the following: |                                        | 3       |
| MUS 660                                              | Music in the Middle Ages               |         |
| MUS 661                                              | Music in the Renaissance               |         |
| MUS 662                                              | Music in the Baroque Era               |         |
| MUS 663                                              | Music in the Classical Period          |         |
| MUS 664                                              | Music in the Romantic Era              |         |
| MUS 665                                              | Music in the 20th Century              |         |

|                                                                                                     |              |
|-----------------------------------------------------------------------------------------------------|--------------|
| One music theory course at the 500-level or above <sup>3</sup>                                      | 3-4          |
| One music theory or musicology/ethnomusicology course at the 600-level or above <sup>3</sup>        | 3-4          |
| One musicology/ethnomusicology, theory, or literature course at the 500-level or above <sup>3</sup> | 3-4          |
| Recital                                                                                             |              |
| Final Oral Examination <sup>4</sup>                                                                 |              |
| <b>Total Credits</b>                                                                                | <b>55-58</b> |

- <sup>1</sup> Harp students can include MUS 695, MUS 696, MUS 605, MUS 691 or MUS 694
- <sup>2</sup> At least three terms.
- <sup>3</sup> Courses are listed in the Approved Courses (p. 621) section.
- <sup>4</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

## Music Performance - Viola, Violin

| Code                                                                                                | Title                                  | Credits      |
|-----------------------------------------------------------------------------------------------------|----------------------------------------|--------------|
| MUS 611                                                                                             | Research Methods in Music              | 3            |
| Performance Studies, MUP 665 (6 terms)                                                              |                                        | 24           |
| Appropriate Ensemble, MUS 696 (6 terms)                                                             |                                        | 12           |
| MUS 694                                                                                             | Chamber Ensemble: [Topic] <sup>1</sup> | 3            |
| MUE 563                                                                                             | Pedagogy Methods: Violin and Viola     | 2            |
| MUE 564                                                                                             | Advanced Violin/Viola Pedagogy         | 2            |
| MUE 565                                                                                             | Somatics for String Players            | 1            |
| MUS 691                                                                                             | Collegium Musicum                      | 1            |
| Music in Historic Era - select one of the following:                                                |                                        | 3            |
| MUS 660                                                                                             | Music in the Middle Ages               |              |
| MUS 661                                                                                             | Music in the Renaissance               |              |
| MUS 662                                                                                             | Music in the Baroque Era               |              |
| MUS 663                                                                                             | Music in the Classical Period          |              |
| MUS 664                                                                                             | Music in the Romantic Era              |              |
| MUS 665                                                                                             | Music in the 20th Century              |              |
| One music theory course at the 500-level or above <sup>2</sup>                                      |                                        | 3-4          |
| One music theory or musicology/ethnomusicology course at the 600-level or above <sup>2</sup>        |                                        | 3-4          |
| One musicology/ethnomusicology, theory, or literature course at the 500-level or above <sup>2</sup> |                                        | 3-4          |
| Recital                                                                                             |                                        |              |
| Final Oral Examination <sup>3</sup>                                                                 |                                        |              |
| <b>Total Credits</b>                                                                                |                                        | <b>60-63</b> |

- <sup>1</sup> At least three terms.
- <sup>2</sup> Courses are listed in the Approved Courses (p. 621) section.
- <sup>3</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

## Music Performance - Percussion

| Code                                   | Title                     | Credits |
|----------------------------------------|---------------------------|---------|
| MUS 611                                | Research Methods in Music | 3       |
| Performance Studies, MUP 665 (6 terms) |                           | 24      |
| Appropriate Ensemble (6 terms)         |                           | 12      |
| MUS 695                                | Band: [Topic]             |         |

|                                                                                                     |                               |              |
|-----------------------------------------------------------------------------------------------------|-------------------------------|--------------|
| or MUS 696 Orchestra: [Topic]                                                                       |                               |              |
| Percussion Ensemble, MUS 694 (6 terms)                                                              |                               | 6-12         |
| MUS 691                                                                                             | Collegium Musicum             | 1            |
| Music in Historic Era - select one of the following:                                                |                               | 3            |
| MUS 660                                                                                             | Music in the Middle Ages      |              |
| MUS 661                                                                                             | Music in the Renaissance      |              |
| MUS 662                                                                                             | Music in the Baroque Era      |              |
| MUS 663                                                                                             | Music in the Classical Period |              |
| MUS 664                                                                                             | Music in the Romantic Era     |              |
| MUS 665                                                                                             | Music in the 20th Century     |              |
| One music theory course at the 500-level or above <sup>1</sup>                                      |                               | 3-4          |
| One music theory or musicology/ethnomusicology course at the 600-level or above <sup>1</sup>        |                               | 3-4          |
| One musicology/ethnomusicology, theory, or literature course at the 500-level or above <sup>1</sup> |                               | 3-4          |
| Recital                                                                                             |                               |              |
| Final Oral Examination <sup>2</sup>                                                                 |                               |              |
| <b>Total Credits</b>                                                                                |                               | <b>58-67</b> |

<sup>1</sup> Courses are listed in the Approved Courses (p. 621) section.

<sup>2</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

## Music Performance - Voice

| Code                                                           | Title                           | Credits      |
|----------------------------------------------------------------|---------------------------------|--------------|
| MUS 611                                                        | Research Methods in Music       | 3            |
| Performance Studies, MUP 665 (6 terms)                         |                                 | 24           |
| Chorus or Opera Workshop (at least 3 terms)                    |                                 | 6            |
| MUS 697 Chorus: [Topic]<br>or MUS 698 Opera Workshop           |                                 |              |
| MUS 691                                                        | Collegium Musicum               | 1            |
| MUE 639                                                        | Pedagogy and Practicum: [Topic] | 3            |
| MUS 555                                                        | Lyric Diction                   | 3            |
| MUS 556                                                        | Lyric Diction                   | 3            |
| MUS 567                                                        | Solo Vocal Music                | 3            |
| MUS 568                                                        | Solo Vocal Music                | 3            |
| MUS 575                                                        | History of Opera                | 4            |
| Music in Historic Era - select one of the following:           |                                 | 3            |
| MUS 660                                                        | Music in the Middle Ages        |              |
| MUS 661                                                        | Music in the Renaissance        |              |
| MUS 662                                                        | Music in the Baroque Era        |              |
| MUS 663                                                        | Music in the Classical Period   |              |
| MUS 664                                                        | Music in the Romantic Era       |              |
| MUS 665                                                        | Music in the 20th Century       |              |
| One music theory course at the 500-level or above <sup>1</sup> |                                 | 3-4          |
| Recitals                                                       |                                 |              |
| Final Oral Examination <sup>2</sup>                            |                                 |              |
| <b>Total Credits</b>                                           |                                 | <b>59-60</b> |

<sup>1</sup> Courses are listed in the Approved Courses (p. 621) section.

<sup>2</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

## Additional Requirements

Language: One year of college study in each language – Italian, French, German. These can have been completed at a previous institution.

## Music Performance - Woodwinds

| Code                                                                                                | Title                          | Credits      |
|-----------------------------------------------------------------------------------------------------|--------------------------------|--------------|
| MUS 611                                                                                             | Research Methods in Music      | 3            |
| Performance Studies, MUP 665 (6 terms)                                                              |                                | 24           |
| Appropriate Ensemble (6 terms)                                                                      |                                | 12           |
| MUS 695 Band: [Topic]<br>or MUS 696 Orchestra: [Topic]                                              |                                |              |
| MUS 691                                                                                             | Collegium Musicum <sup>1</sup> | 1            |
| Music in Historic Era - select one of the following:                                                |                                | 3            |
| MUS 660                                                                                             | Music in the Middle Ages       |              |
| MUS 661                                                                                             | Music in the Renaissance       |              |
| MUS 662                                                                                             | Music in the Baroque Era       |              |
| MUS 663                                                                                             | Music in the Classical Period  |              |
| MUS 664                                                                                             | Music in the Romantic Era      |              |
| MUS 665                                                                                             | Music in the 20th Century      |              |
| One music theory course at the 500-level or above <sup>2</sup>                                      |                                | 3-4          |
| One music theory or musicology/ethnomusicology course at the 600-level or above <sup>2</sup>        |                                | 3-4          |
| One musicology/ethnomusicology, theory, or literature course at the 500-level or above <sup>2</sup> |                                | 3-4          |
| Recital                                                                                             |                                |              |
| Final Oral Examination <sup>3</sup>                                                                 |                                |              |
| <b>Total Credits</b>                                                                                |                                | <b>52-55</b> |

<sup>1</sup> Not required for saxophone students.

<sup>2</sup> Courses are listed in the Approved Courses (p. 621) section.

<sup>3</sup> Oral examination with emphasis on history, literature, and pedagogy of the primary performance medium.

## Music Theory Courses

| Code    | Title                                          | Credits |
|---------|------------------------------------------------|---------|
| MUS 516 | Post-Tonal Theory I                            | 3       |
| MUS 517 | Post-Tonal Theory II                           | 3       |
| MUS 530 | Tonal Analysis: Linear Prolongational Analysis | 3       |
| MUS 531 | Tonal Analysis: Form in Tonal Music            | 3       |
| MUS 532 | Tonal Analysis: Analysis of Popular Music      | 3       |
| MUS 533 | Counterpoint                                   | 4       |
| MUS 534 | Counterpoint                                   | 4       |
| MUS 535 | Counterpoint                                   | 4       |
| MUS 670 | Graduate Seminar in Musicology: [Topic]        | 4       |
| MUS 615 | Current Trends in Music Theory                 | 3       |
| MUS 629 | Repertoire and Analysis                        | 3       |
| MUS 630 | History of Theory I                            | 3       |
| MUS 631 | History of Theory II                           | 3       |
| MUS 632 | History of Theory III                          | 3       |
| MUS 634 | Advanced Post-Tonal Theory                     | 3       |
| MUE 639 | Pedagogy and Practicum: [Topic]                | 3       |

## Musicology/Ethnomusicology & Music Theory Courses (600-Level up)

| Code    | Title                                      | Credits |
|---------|--------------------------------------------|---------|
| MUS 614 | Introduction to Musicology                 | 4       |
| MUS 643 | Notation of Medieval and Renaissance Music | 3       |
| MUS 660 | Music in the Middle Ages <sup>1</sup>      | 3       |
| MUS 661 | Music in the Renaissance <sup>1</sup>      | 3       |
| MUS 662 | Music in the Baroque Era <sup>1</sup>      | 3       |
| MUS 663 | Music in the Classical Period <sup>1</sup> | 3       |
| MUS 664 | Music in the Romantic Era <sup>1</sup>     | 3       |
| MUS 665 | Music in the 20th Century <sup>1</sup>     | 3       |
| MUS 670 | Graduate Seminar in Musicology: [Topic]    | 4       |
| MUS 671 | Seminar in Ethnomusicology: [Topic]        | 4       |
| MUS 680 | Historical Performance Practices I         | 3       |
| MUS 681 | Historical Performance Practices II        | 3       |
| MUS 682 | Historical Performance Practices III       | 3       |
| MUS 683 | Rhetoric and Music                         | 4       |
| MUS 684 | Musical Iconography                        | 4       |
| MUS 615 | Current Trends in Music Theory             | 3       |
| MUS 629 | Repertoire and Analysis                    | 3       |
| MUS 630 | History of Theory I                        | 3       |
| MUS 631 | History of Theory II                       | 3       |
| MUS 632 | History of Theory III                      | 3       |
| MUS 634 | Advanced Post-Tonal Theory                 | 3       |

<sup>1</sup> These courses can also count in this category, but only after the Music in Historic Era requirement is completed.

## Musicology/Ethnomusicology & Music Theory Courses (500-Level up)

| Code    | Title                                      | Credits |
|---------|--------------------------------------------|---------|
| MUS 528 | Cultures of Musical Celebrity              | 3       |
| MUS 551 | Introduction to Ethnomusicology            | 4       |
| MUS 552 | Musical Instruments of the World           | 4       |
| MUS 562 | Popular Musics in the African Diaspora     | 4       |
| MUS 575 | History of Opera                           | 4       |
| MUS 587 | Music and Emotion                          | 4       |
| MUS 614 | Introduction to Musicology                 | 4       |
| MUS 643 | Notation of Medieval and Renaissance Music | 3       |
| MUS 660 | Music in the Middle Ages <sup>1</sup>      | 3       |
| MUS 661 | Music in the Renaissance <sup>1</sup>      | 3       |
| MUS 662 | Music in the Baroque Era <sup>1</sup>      | 3       |
| MUS 663 | Music in the Classical Period <sup>1</sup> | 3       |
| MUS 664 | Music in the Romantic Era <sup>1</sup>     | 3       |
| MUS 665 | Music in the 20th Century <sup>1</sup>     | 3       |
| MUS 670 | Graduate Seminar in Musicology: [Topic]    | 4       |
| MUS 671 | Seminar in Ethnomusicology: [Topic]        | 4       |
| MUS 680 | Historical Performance Practices I         | 3       |
| MUS 681 | Historical Performance Practices II        | 3       |
| MUS 682 | Historical Performance Practices III       | 3       |
| MUS 683 | Rhetoric and Music                         | 4       |

|         |                                           |   |
|---------|-------------------------------------------|---|
| MUS 684 | Musical Iconography                       | 4 |
| MUS 516 | Post-Tonal Theory I                       | 3 |
| MUS 517 | Post-Tonal Theory II                      | 3 |
| MUS 531 | Tonal Analysis: Form in Tonal Music       | 3 |
| MUS 532 | Tonal Analysis: Analysis of Popular Music | 3 |
| MUS 533 | Counterpoint                              | 4 |
| MUS 534 | Counterpoint                              | 4 |
| MUS 535 | Counterpoint                              | 4 |
| MUS 615 | Current Trends in Music Theory            | 3 |
| MUS 629 | Repertoire and Analysis                   | 3 |
| MUS 630 | History of Theory I                       | 3 |
| MUS 631 | History of Theory II                      | 3 |
| MUS 632 | History of Theory III                     | 3 |
| MUS 634 | Advanced Post-Tonal Theory                | 3 |

<sup>1</sup> These courses can also count in this category, but only after the Music in Historic Era requirement is completed.

## Music Performance (DMA)

The School of Music and Dance has the largest full-time, in-residence music faculty on the West Coast north of Los Angeles. The school is grounded in the strength of the traditional canon and fosters the creation and performance of new work.

### Options are available in

- Instruments (p. 623): Brass (Euphonium, Horn, Trombone, Trumpet, Tuba), Double Bass, Cello, Harp, Percussion, and Woodwinds (Bassoon, Clarinet, Flute, Saxophone)
- Keyboards (p. 623): Solo Piano, Collaborative Piano
- Violin and Viola (p. 624)
- Voice (p. 624)

### Ensemble Requirements

- Instrumental ensemble options: University Symphony Orchestra, #Oregon Wind Ensemble, Oregon Wind Symphony
- Voice ensemble options: University Singers, Chamber Choir, Opera Ensemble
- Students studying piano, collaborative piano have other ensemble options. See charts for associated instruments.

At the doctoral level, the basic orientation is the highest level of professional practice emphasizing the creation or performance of musical works and the application and transmission of knowledge about musical works and pedagogy. Creation, performance, and teaching are highly disciplined efforts; inquiry and investigation, and often research and scholarship, are components of performance practice.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate advanced competencies in performance. Studies in this area comprise as much as two-thirds or at least one-third of the total curriculum.
- Gain knowledge and skills in one or more fields of music outside the major such as theory and analysis, history and literature, musicology and ethnomusicology, and pedagogy. Such supportive studies in



music that broaden and deepen musical competence comprise at least one-third of the total curriculum.

- Voice majors are expected to be proficient in English, German, French, and Italian diction and to have general phonetic knowledge and skills that can be applied to other languages. They should have language competencies sufficient to understand texts in the repertory.
- As a culminating demonstration of professional capability in the major field, the student must present three public performances and complete a lecture/document or dissertation. The performances include at least sixty minutes of recital in which the performer is a soloist.

## DMA in Music Performance - Brass, Double Bass, Cello, Harp, Percussion, Woodwinds

| Code                                                                                    | Title                           | Credits      |
|-----------------------------------------------------------------------------------------|---------------------------------|--------------|
| MUS 611                                                                                 | Research Methods in Music       | 3            |
| MUS 629                                                                                 | Repertoire and Analysis         | 3            |
| MUE 641                                                                                 | College Music Teaching          | 3            |
| Music in Historic Era - select two from the following:                                  |                                 | 6            |
| MUS 660                                                                                 | Music in the Middle Ages        |              |
| MUS 661                                                                                 | Music in the Renaissance        |              |
| MUS 662                                                                                 | Music in the Baroque Era        |              |
| MUS 663                                                                                 | Music in the Classical Period   |              |
| MUS 664                                                                                 | Music in the Romantic Era       |              |
| MUS 665                                                                                 | Music in the 20th Century       |              |
| Ensemble (at least 6 terms)                                                             |                                 | 12           |
| MUS 695                                                                                 | Band: [Topic]                   |              |
|                                                                                         | or MUS 696 Orchestra: [Topic]   |              |
| Non-Music Courses <sup>1</sup>                                                          |                                 | 8            |
| Research Development Courses (8 credits or 2 courses) <sup>2</sup>                      |                                 | 6-8          |
| MUE 639                                                                                 | Pedagogy and Practicum: [Topic] | 3            |
| Two Musicology/Ethnomusicology or Theory courses at the 500-level or above <sup>3</sup> |                                 | 6-8          |
| Performance Studies, MUP 765 (at least 6 terms)                                         |                                 | 24           |
| MUS 607                                                                                 | Seminar: [Topic] <sup>4</sup>   | 2            |
| Three solo recitals                                                                     |                                 |              |
| Comprehensive Exam                                                                      |                                 |              |
| Lecture Document or Dissertation - select one from the following:                       |                                 | 6-18         |
| MUS 601                                                                                 | Research: [Topic] (6 credits)   |              |
| MUS 603                                                                                 | Dissertation (18 credits)       |              |
| Public Lecture & Oral Defense of Lecture Document/ Dissertation                         |                                 |              |
| <b>Total Credits</b>                                                                    |                                 | <b>82-98</b> |

<sup>1</sup> Chosen in consultation with faculty advisor. These courses are intended to assist with content creation of the final writing/creation of dissertation or lecture document.

<sup>2</sup> Chosen in consultation with faculty advisor. These courses are intended to prepare students for the research and writing/creation of dissertation or lecture document.

<sup>3</sup> Courses are listed in the Approved Courses (p. 625) section.

<sup>4</sup> DMA Thesis Organization

- Solo Piano (p. 623)
- Collaborative Piano (p. 624)

## DMA in Music Performance - Solo Piano

| Code                                                                                    | Title                           | Credits       |
|-----------------------------------------------------------------------------------------|---------------------------------|---------------|
| MUS 611                                                                                 | Research Methods in Music       | 3             |
| MUS 629                                                                                 | Repertoire and Analysis         | 3             |
| MUE 641                                                                                 | College Music Teaching          | 3             |
| Music in Historic Era - select two from the following:                                  |                                 | 6             |
| MUS 660                                                                                 | Music in the Middle Ages        |               |
| MUS 661                                                                                 | Music in the Renaissance        |               |
| MUS 662                                                                                 | Music in the Baroque Era        |               |
| MUS 663                                                                                 | Music in the Classical Period   |               |
| MUS 664                                                                                 | Music in the Romantic Era       |               |
| MUS 665                                                                                 | Music in the 20th Century       |               |
| Ensemble                                                                                |                                 | 6             |
| MUS 521                                                                                 | The Collaborative Pianist       |               |
| MUS 522                                                                                 | The Collaborative Pianist       |               |
| MUS 523                                                                                 | The Collaborative Pianist       |               |
| Non-Music Courses <sup>1</sup>                                                          |                                 | 8             |
| Research Development Courses (8 credits or 2 courses) <sup>2</sup>                      |                                 | 6-8           |
| MUE 639                                                                                 | Pedagogy and Practicum: [Topic] | 3             |
| Two Musicology/Ethnomusicology or Theory courses at the 500-level or above <sup>3</sup> |                                 | 6-8           |
| Performance Studies, MUP 765 (at least 6 terms)                                         |                                 | 24            |
| MUS 650                                                                                 | Piano Literature                | 3             |
| MUS 651                                                                                 | Piano Literature                | 3             |
| MUS 652                                                                                 | Piano Literature                | 3             |
| MUS 607                                                                                 | Seminar: [Topic] <sup>4</sup>   | 2             |
| Three solo recitals                                                                     |                                 |               |
| Comprehensive Exam                                                                      |                                 |               |
| Lecture Document or Dissertation - select one from the following:                       |                                 | 6-18          |
| MUS 601                                                                                 | Research: [Topic] (6 credits)   |               |
| MUS 603                                                                                 | Dissertation (18 credits)       |               |
| Public Lecture & Oral Defense of Lecture Document/ Dissertation                         |                                 |               |
| <b>Total Credits</b>                                                                    |                                 | <b>85-101</b> |

<sup>1</sup> Chosen in consultation with faculty advisor. These courses are intended to assist with content creation of the final writing/creation of dissertation or lecture document.

<sup>2</sup> Chosen in consultation with faculty advisor. These courses are intended to prepare students for the research and writing/creation of dissertation or lecture document.

<sup>3</sup> Courses are listed in the Approved Courses (p. 625) section.

<sup>4</sup> DMA Thesis Organization

## DMA in Music Performance - Collaborative Piano

| Code                                                                       | Title                                           | Credits       |
|----------------------------------------------------------------------------|-------------------------------------------------|---------------|
| MUS 611                                                                    | Research Methods in Music                       | 3             |
| MUS 629                                                                    | Repertoire and Analysis                         | 3             |
| MUE 641                                                                    | College Music Teaching                          | 3             |
| Music in Historic Era - select two from the following:                     |                                                 | 6             |
| MUS 660                                                                    | Music in the Middle Ages                        |               |
| MUS 661                                                                    | Music in the Renaissance                        |               |
| MUS 662                                                                    | Music in the Baroque Era                        |               |
| MUS 663                                                                    | Music in the Classical Period                   |               |
| MUS 664                                                                    | Music in the Romantic Era                       |               |
| MUS 665                                                                    | Music in the 20th Century                       |               |
| Ensemble, MUS 694 (at least 3 terms)                                       |                                                 | 3             |
| Non-Music Courses <sup>1</sup>                                             |                                                 | 8             |
| Research Development Courses (8 credits or 2 courses) <sup>2</sup>         |                                                 | 6-8           |
| MUE 639                                                                    | Pedagogy and Practicum: [Topic]                 | 3             |
| Two Musicology/Ethnomusicology or Theory courses at the 500-level or above |                                                 | 6-8           |
| Performance Studies, MUP 765 (at least 6 terms)                            |                                                 | 24            |
| MUP 635                                                                    | Music Performance Studies: [Topic] <sup>3</sup> | 2             |
| MUS 691                                                                    | Collegium Musicum (one term)                    | 3             |
| MUS 575                                                                    | History of Opera                                | 4             |
| MUS 567                                                                    | Solo Vocal Music                                | 3             |
| MUS 568                                                                    | Solo Vocal Music                                | 3             |
| MUS 555                                                                    | Lyric Diction                                   | 3             |
| MUS 556                                                                    | Lyric Diction                                   | 3             |
| MUS 607                                                                    | Seminar: [Topic] <sup>4</sup>                   | 2             |
| Three solo recitals                                                        |                                                 |               |
| Comprehensive Exam                                                         |                                                 |               |
| Lecture Document or Dissertation - select one from the following:          |                                                 | 6-18          |
| MUS 601                                                                    | Research: [Topic] (6 credits)                   |               |
| MUS 603                                                                    | Dissertation (18 credits)                       |               |
| Public Lecture & Oral Defense of Lecture Document/ Dissertation            |                                                 |               |
| <b>Total Credits</b>                                                       |                                                 | <b>94-110</b> |

<sup>1</sup> Chosen in consultation with faculty advisor. These courses are intended to assist with content creation of the final writing/creation of dissertation or lecture document.

<sup>2</sup> Chosen in consultation with faculty advisor. These courses are intended to prepare students for the research and writing/creation of dissertation or lecture document.

<sup>3</sup> Harpsichord or Basso Continuo.

<sup>4</sup> DMA Thesis Organization

## DMA in Music Performance - Violin, Viola

| Code    | Title                     | Credits |
|---------|---------------------------|---------|
| MUS 611 | Research Methods in Music | 3       |
| MUS 629 | Repertoire and Analysis   | 3       |
| MUE 641 | College Music Teaching    | 3       |

|                                                                                         |                                    |               |
|-----------------------------------------------------------------------------------------|------------------------------------|---------------|
| Music in Historic Era - select two from the following:                                  |                                    | 6             |
| MUS 660                                                                                 | Music in the Middle Ages           |               |
| MUS 661                                                                                 | Music in the Renaissance           |               |
| MUS 662                                                                                 | Music in the Baroque Era           |               |
| MUS 663                                                                                 | Music in the Classical Period      |               |
| MUS 664                                                                                 | Music in the Romantic Era          |               |
| MUS 665                                                                                 | Music in the 20th Century          |               |
| Ensemble, MUS 696 (at least 6 terms)                                                    |                                    | 12            |
| Non-Music Courses <sup>1</sup>                                                          |                                    | 8             |
| Research Development Courses (8 credits or 2 courses) <sup>2</sup>                      |                                    | 6-8           |
| MUE 639                                                                                 | Pedagogy and Practicum: [Topic]    | 3             |
| Two Musicology/Ethnomusicology or Theory courses at the 500-level or above <sup>3</sup> |                                    | 6-8           |
| Performance Studies, MUP 765 (at least 6 terms)                                         |                                    | 24            |
| MUE 563                                                                                 | Pedagogy Methods: Violin and Viola | 2             |
| MUE 564                                                                                 | Advanced Violin/Viola Pedagogy     | 2             |
| MUE 565                                                                                 | Somatics for String Players        | 1             |
| MUS 607                                                                                 | Seminar: [Topic] <sup>4</sup>      | 2             |
| Three solo recitals                                                                     |                                    |               |
| Comprehensive Exam                                                                      |                                    |               |
| Lecture Document or Dissertation - select one from the following:                       |                                    | 6-18          |
| MUS 601                                                                                 | Research: [Topic] (6 credits)      |               |
| MUS 603                                                                                 | Dissertation (18 credits)          |               |
| Public Lecture & Oral Defense of Lecture Document/ Dissertation                         |                                    |               |
| <b>Total Credits</b>                                                                    |                                    | <b>87-103</b> |

<sup>1</sup> Chosen in consultation with faculty advisor. These courses are intended to assist with content creation of the final writing/creation of dissertation or lecture document.

<sup>2</sup> Chosen in consultation with faculty advisor. These courses are intended to prepare students for the research and writing/creation of dissertation or lecture document.

<sup>3</sup> Courses are listed in the Approved Courses (p. 625) section.

<sup>4</sup> DMA Thesis Organization

## DMA in Music Performance - Voice

| Code                                                   | Title                         | Credits |
|--------------------------------------------------------|-------------------------------|---------|
| MUS 611                                                | Research Methods in Music     | 3       |
| MUS 629                                                | Repertoire and Analysis       | 3       |
| MUE 641                                                | College Music Teaching        | 3       |
| Music in Historic Era - select two from the following: |                               | 6       |
| MUS 660                                                | Music in the Middle Ages      |         |
| MUS 661                                                | Music in the Renaissance      |         |
| MUS 662                                                | Music in the Baroque Era      |         |
| MUS 663                                                | Music in the Classical Period |         |
| MUS 664                                                | Music in the Romantic Era     |         |
| MUS 665                                                | Music in the 20th Century     |         |
| Ensemble (at least 6 terms)                            |                               | 12      |
| MUS 697                                                | Chorus: [Topic]               |         |
| or MUS 698 Opera Workshop                              |                               |         |
| Non-Music Courses <sup>1</sup>                         |                               | 8       |

|                                                                                         |              |
|-----------------------------------------------------------------------------------------|--------------|
| Research Development Courses (8 credits or 2 courses) <sup>2</sup>                      | 6-8          |
| MUE 639 Pedagogy and Practicum: [Topic]                                                 | 3            |
| Two Musicology/Ethnomusicology or Theory courses at the 500-level or above <sup>3</sup> | 6-8          |
| Performance Studies, MUP 765 (at least 6 terms)                                         | 24           |
| Foreign Language <sup>4</sup>                                                           |              |
| MUS 607 Seminar: [Topic] <sup>5</sup>                                                   | 2            |
| Three solo recitals                                                                     |              |
| Comprehensive Exam                                                                      |              |
| Lecture Document or Dissertation - select one from the following:                       | 6-18         |
| MUS 601 Research: [Topic] (6 credits)                                                   |              |
| MUS 603 Dissertation (18 credits)                                                       |              |
| Public Lecture & Oral Defense of Lecture Document/<br>Dissertation                      |              |
| <b>Total Credits</b>                                                                    | <b>82-98</b> |

<sup>1</sup> Chosen in consultation with faculty advisor. These courses are intended to assist with content creation of the final writing/creation of dissertation or lecture document.

<sup>2</sup> Chosen in consultation with faculty advisor. These courses are intended to prepare students for the research and writing/creation of dissertation or lecture document.

<sup>3</sup> Courses are listed in the Approved Courses (p. 625) section.

<sup>4</sup> One year of college study in at least two of the languages - French, German, Italian. Can have been completed at previous institutions.

<sup>5</sup> DMA Thesis Organization

## Musicology/Ethnomusicology & Music Theory Courses 500-level up

| Code    | Title                                      | Credits |
|---------|--------------------------------------------|---------|
| MUS 528 | Cultures of Musical Celebrity              | 3       |
| MUS 551 | Introduction to Ethnomusicology            | 4       |
| MUS 552 | Musical Instruments of the World           | 4       |
| MUS 562 | Popular Musics in the African Diaspora     | 4       |
| MUS 575 | History of Opera                           | 4       |
| MUS 587 | Music and Emotion                          | 4       |
| MUS 614 | Introduction to Musicology                 | 4       |
| MUS 643 | Notation of Medieval and Renaissance Music | 3       |
| MUS 660 | Music in the Middle Ages <sup>1</sup>      | 3       |
| MUS 661 | Music in the Renaissance <sup>1</sup>      | 3       |
| MUS 662 | Music in the Baroque Era <sup>1</sup>      | 3       |
| MUS 663 | Music in the Classical Period <sup>1</sup> | 3       |
| MUS 664 | Music in the Romantic Era <sup>1</sup>     | 3       |
| MUS 665 | Music in the 20th Century <sup>1</sup>     | 3       |
| MUS 670 | Graduate Seminar in Musicology: [Topic]    | 4       |
| MUS 671 | Seminar in Ethnomusicology: [Topic]        | 4       |
| MUS 680 | Historical Performance Practices I         | 3       |
| MUS 681 | Historical Performance Practices II        | 3       |
| MUS 682 | Historical Performance Practices III       | 3       |
| MUS 683 | Rhetoric and Music                         | 4       |
| MUS 684 | Musical Iconography                        | 4       |
| MUS 516 | Post-Tonal Theory I                        | 3       |

|         |                                                |   |
|---------|------------------------------------------------|---|
| MUS 517 | Post-Tonal Theory II                           | 3 |
| MUS 530 | Tonal Analysis: Linear Prolongational Analysis | 3 |
| MUS 531 | Tonal Analysis: Form in Tonal Music            | 3 |
| MUS 532 | Tonal Analysis: Analysis of Popular Music      | 3 |
| MUS 533 | Counterpoint                                   | 4 |
| MUS 534 | Counterpoint                                   | 4 |
| MUS 535 | Counterpoint                                   | 4 |
| MUS 615 | Current Trends in Music Theory                 | 3 |
| MUS 629 | Repertoire and Analysis                        | 3 |
| MUS 630 | History of Theory I                            | 3 |
| MUS 631 | History of Theory II                           | 3 |
| MUS 632 | History of Theory III                          | 3 |
| MUS 634 | Advanced Post-Tonal Theory                     | 3 |

<sup>1</sup> These courses can also count in this category, but only after the Music in Historic Era requirement is completed.

## Music Theory (MA)

The University of Oregon offers a Master of Arts degree in Musicology and Music Theory.

In addition to the University of Oregon Division of Graduate Studies' requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the Info for Grad Students (<https://music.uoregon.edu/current-students/info-graduate-music-students/>) webpage.

A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

## Master of Arts in Music Theory

| Code                         | Title                                                 | Credits |
|------------------------------|-------------------------------------------------------|---------|
| MUS 615                      | Current Trends in Music Theory                        | 3       |
| MUS 516                      | Post-Tonal Theory I                                   | 3       |
| MUS 634                      | Advanced Post-Tonal Theory                            | 3       |
| Choose two of the following: |                                                       | 6       |
| MUS 530                      | Tonal Analysis: Linear Prolongational Analysis        |         |
| MUS 531                      | Tonal Analysis: Form in Tonal Music                   |         |
| MUS 532                      | Tonal Analysis: Analysis of Popular Music             |         |
| Choose one of the following: |                                                       | 4       |
| MUS 533                      | Counterpoint                                          |         |
| MUS 534                      | Counterpoint                                          |         |
| MUE 639                      | Pedagogy and Practicum: [Topic]                       | 3       |
| MUS 672                      | Seminar: Music Theory: [Topic] (Seminar Music Theory) | 4       |

|                                       |           |
|---------------------------------------|-----------|
| Additional theory elective            | 3         |
| Additional nontheory courses          | 8         |
| Select two of the following:          | 6         |
| MUS 660 Music in the Middle Ages      |           |
| MUS 661 Music in the Renaissance      |           |
| MUS 662 Music in the Baroque Era      |           |
| MUS 663 Music in the Classical Period |           |
| MUS 664 Music in the Romantic Era     |           |
| MUS 665 Music in the 20th Century     |           |
| MUS 503 Thesis                        | 9         |
| <b>Total Credits</b>                  | <b>52</b> |

## Language Requirement

Reading proficiency in a second language (usually German), demonstrated by two years of successful undergraduate study or by German for Reading Knowledge. Language courses taken to satisfy this requirement may not be used to fulfill the 52 total graduate credits.

## Additional Requirements

A final oral examination reviewing the thesis and degree coursework.

# Music Theory (PhD)

The University of Oregon is one of only four universities on the West Coast that offers a doctoral program in music theory. The program is distinctive in the way it prepares students for careers both as practicing theorists and as teachers of music theory.

The placement record for graduates of the doctoral program in music theory during the last twenty years has been impressive. Doctoral students have become widely known across the United States for their excellent national and regional conference presentations.

The Ph.D. program emphasizes both intellectual and practical skills while enabling students to become as broadly knowledgeable in the field as possible. Included in the course of study are classes in advanced analysis (including Schenkerian, post-tonal and Neo-Riemannian analysis), form in tonal music, analysis of popular music, history of theory, world music, pedagogy, college music teaching, composition, and electronic/computer music, among other subjects.

Each student experiences a great deal of personal attention from the faculty, and most students gain teaching experience through participation in our Graduate Employee program. There is an especially supportive relationship between the student and his or her major advisor and with members of the student's doctoral committee. The Ph.D. program culminates in a public presentation of the candidate's research, as well as a dissertation.

At the doctoral level, the basic orientation is scholarly or research activity that makes an original contribution to the chosen field. Advanced scholarship and research are intensely disciplined efforts; intuition and creativity are important in the gathering, processing, and interpretation of information.

The program most appropriately culminates in the awarding of the degree, Doctor of Philosophy.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate advanced competencies in music theory. Studies in this area comprise as much as two-thirds or at least one-third of the total curriculum.
- Gain knowledge and skills in one or more fields of music outside the major such as history and literature, composition, musicology and ethnomusicology, performance, and pedagogy. Such supportive studies in music that broaden and deepen musical competence comprise at least one-third of the total curriculum.
- As a culminating demonstration of professional capability in the major field, the student must submit a dissertation that demonstrates advanced competence in theoretical research and writing.

## Doctor of Philosophy in Music Theory Requirements

| Code                                                               | Title                                          | Credits      |
|--------------------------------------------------------------------|------------------------------------------------|--------------|
| MUS 615                                                            | Current Trends in Music Theory                 | 3            |
| MUE 641                                                            | College Music Teaching                         | 3            |
| Music in Historic Era - select two from the following:             |                                                | 6            |
| MUS 660                                                            | Music in the Middle Ages                       |              |
| MUS 661                                                            | Music in the Renaissance                       |              |
| MUS 662                                                            | Music in the Baroque Era                       |              |
| MUS 663                                                            | Music in the Classical Period                  |              |
| MUS 664                                                            | Music in the Romantic Era                      |              |
| MUS 665                                                            | Music in the 20th Century                      |              |
| Non-Music Courses <sup>1</sup>                                     |                                                | 8            |
| Research Development Courses (2 courses or 8 credits) <sup>2</sup> |                                                | 6-8          |
| MUE 639                                                            | Pedagogy and Practicum: [Topic]                | 3            |
| Three Music Theory Seminars                                        |                                                | 12           |
| MUS 672                                                            | Seminar: Music Theory: [Topic]                 |              |
| MUS 516                                                            | Post-Tonal Theory I                            | 3            |
| MUS 634                                                            | Advanced Post-Tonal Theory                     | 3            |
| Tonal Analysis/Theory - select three from the following:           |                                                | 9            |
| MUS 530                                                            | Tonal Analysis: Linear Prolongational Analysis |              |
| MUS 531                                                            | Tonal Analysis: Form in Tonal Music            |              |
| MUS 532                                                            | Tonal Analysis: Analysis of Popular Music      |              |
| MUS 517                                                            | Post-Tonal Theory II                           |              |
| MUS 533                                                            | Counterpoint                                   | 4            |
| MUS 534                                                            | Counterpoint                                   | 4            |
| MUS 631                                                            | History of Theory II                           | 3            |
| MUS 632                                                            | History of Theory III                          | 3            |
| Counterpoint/History of Theory - select one from the following:    |                                                | 3-4          |
| MUS 535                                                            | Counterpoint                                   |              |
| MUS 630                                                            | History of Theory I                            |              |
| Comprehensive Exam                                                 |                                                |              |
| Dissertation                                                       |                                                | 18           |
| MUS 603                                                            | Dissertation                                   |              |
| Final Lecture and Oral Defense of Dissertation                     |                                                |              |
| <b>Total Credits</b>                                               |                                                | <b>91-94</b> |

- <sup>1</sup> Chosen in consultation with faculty advisor. These courses are intended to assist with content creation of the final dissertation.
- <sup>2</sup> Chosen in consultation with faculty advisor. These courses are intended to prepare students for the research and writing/creation of the final dissertation.

## Music: Jazz Studies (MMus)

### Emphasis

- Composition-Arranging
- Instrumental Performance

In addition to the University of Oregon Division of Graduate Studies' requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the Info for Grad Students (<https://music.uoregon.edu/current-students/info-graduate-music-students/>) webpage.

A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate advanced competencies in jazz studies including areas such as jazz performance, improvisation, composition, and arranging. Studies in these areas comprise as much as two-thirds or at least one-third of the total curriculum.
- Gain knowledge and skills in one or more fields of music outside the major such as history and literature, theory and analysis, musicology and ethnomusicology, and recording and studio techniques. Such supportive studies in music that broaden and deepen musical competence comprise at least one-third of the total curriculum.
- As a culminating demonstration of professional capability in the major field, the student must present either a public performance or submit at least one original composition as a thesis.

### Master of Music in Music: Jazz Studies— Composition-Arranging Emphasis

| Code                                                            | Title                                        | Credits |
|-----------------------------------------------------------------|----------------------------------------------|---------|
| MUS 611                                                         | Research Methods in Music                    | 3       |
| MUJ 583–584                                                     | Advanced Jazz Arranging I-II                 | 6       |
| MUJ 540                                                         | Jazz Pedagogy Practicum                      | 3       |
| MUJ 660                                                         | Survey of Jazz Composition                   | 3       |
| MUJ 661                                                         | Jazz Program Planning and Development        | 3       |
| MUJ 605                                                         | Reading and Conference: [Topic] <sup>1</sup> | 4       |
| Six terms of large jazz ensemble - select one of the following: |                                              | 6-12    |
| MUJ 690                                                         | Jazz Laboratory Band III (six terms)         |         |
| MUJ 691                                                         | Jazz Laboratory Band II (six terms)          |         |
| MUJ 692                                                         | Oregon Jazz Ensemble (six terms)             |         |

|                                                                                                  |                                                 |              |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------|
| Applied study in Jazz Composition (at least 3 terms)                                             |                                                 | 6-12         |
| MUP 650                                                                                          | Music Performance Studies                       |              |
| or MUP 665 Music Performance Studies                                                             |                                                 |              |
| MUJ 695                                                                                          | Small Jazz Ensemble: [Topic] (at least 3 terms) | 3            |
| At least four 500-level or above seminars or courses in music outside the jazz area <sup>2</sup> |                                                 | 12-16        |
| Graduate Jazz Arranging Barrier Exam                                                             |                                                 |              |
| Recital or CD project of composed works                                                          |                                                 |              |
| Public lecture-presentation of independent research                                              |                                                 |              |
| Final Oral Examination <sup>3</sup>                                                              |                                                 |              |
| <b>Total Credits</b>                                                                             |                                                 | <b>49-65</b> |

<sup>1</sup> Research Presentation Preparation.

<sup>2</sup> Any MUS, MUP, MUE 500-level up course. No MUJ.

<sup>3</sup> Oral examination with emphasis on jazz history, literature and pedagogy.

### Master of Music in Music: Jazz Studies— Instrumental Performance Emphasis

| Code                                                                                             | Title                                    | Credits      |
|--------------------------------------------------------------------------------------------------|------------------------------------------|--------------|
| MUS 611                                                                                          | Research Methods in Music                | 3            |
| MUJ 577–579                                                                                      | Advanced Jazz Repertoire I-III           | 9            |
| MUJ 540                                                                                          | Jazz Pedagogy Practicum                  | 3            |
| MUJ 660                                                                                          | Survey of Jazz Composition               | 3            |
| MUJ 661                                                                                          | Jazz Program Planning and Development    | 3            |
| Jazz performance studies                                                                         |                                          | 12-24        |
| MUP 650                                                                                          | Music Performance Studies                |              |
| or MUP 665 Music Performance Studies                                                             |                                          |              |
| Three terms of large ensemble - select one of the following:                                     |                                          | 3-6          |
| MUJ 690                                                                                          | Jazz Laboratory Band III (three terms)   |              |
| MUJ 691                                                                                          | Jazz Laboratory Band II (three terms)    |              |
| MUJ 692                                                                                          | Oregon Jazz Ensemble (three terms)       |              |
| MUJ 695                                                                                          | Small Jazz Ensemble: [Topic] (six terms) | 6            |
| At least four 500-level or above seminars or courses in music outside the jazz area <sup>1</sup> |                                          | 12-16        |
| Graduate Jazz Performance Barrier Exam                                                           |                                          |              |
| Recital or CD Project                                                                            |                                          |              |
| Public lecture-presentation of independent research                                              |                                          |              |
| Final Oral Examination <sup>2</sup>                                                              |                                          |              |
| <b>Total Credits</b>                                                                             |                                          | <b>54-73</b> |

<sup>1</sup> Any MUS, MUP, MUE 500-level up course. No MUJ.

<sup>2</sup> Oral examination with emphasis on jazz history, literature and pedagogy.

## Music: Piano Pedagogy (MMus)

In addition to the University of Oregon Division of Graduate Studies' requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the Info for Grad Students (<https://music.uoregon.edu/current-students/info-graduate-music-students/>) webpage.



A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Students demonstrate advanced competencies in piano pedagogy and its repertory. Studies in these areas comprise as much as two-thirds or at least one-third of the curriculum.
- Students gain knowledge and skills in one or more fields of music outside the major such as theory, history, musicology, ethnomusicology, and performance. Such supportive studies in music that broaden and deepen musical competence comprise at least one-third of the curriculum.
- As a culminating demonstration of professional capability in the major field, the student must present a final project, research paper, and/or recital.

## Master of Music in Music: Piano Pedagogy Requirements

| Code                                                                                   | Title                                            | Credits      |
|----------------------------------------------------------------------------------------|--------------------------------------------------|--------------|
| MUE 571                                                                                | Piano Pedagogy I: Teaching Beginners             | 3            |
| MUE 572                                                                                | Piano Pedagogy II: Teaching Groups               | 2            |
| MUE 573                                                                                | Piano Pedagogy III: Teaching Intermediate Levels | 2            |
| MUE 606                                                                                | Field Studies: [Topic] (three terms)             | 3            |
| MUE 639                                                                                | Pedagogy and Practicum: [Topic]                  | 3            |
| MUS 611                                                                                | Research Methods in Music                        | 3            |
| MUS 650–652                                                                            | Piano Literature                                 | 9            |
| Applied Piano Study                                                                    |                                                  | 12-24        |
| 6 terms of MUP 650 or MUP 665 for a total of 12-24 credits                             |                                                  |              |
| Two 500-level or above courses in music history/ethnomusicology, Literature, or theory |                                                  | 6            |
| Appropriate ensemble (3 terms) <sup>1</sup>                                            |                                                  | 3-6          |
| MUE 601                                                                                | Research: [Topic] (Final Project)                | 3            |
| Recital <sup>2</sup>                                                                   |                                                  |              |
| Final Oral Examination <sup>3</sup>                                                    |                                                  |              |
| <b>Total Credits</b>                                                                   |                                                  | <b>49-64</b> |

<sup>1</sup> At least 3 terms to be chosen from MUS 694, MUS 521-523, or participation in a large conducted ensemble as a principal keyboardist or accompanist.

<sup>2</sup> Recital of at least 30-minutes of music performance. If pursuing a concurrent piano performance degree, a lecture demonstration or lecture recital may serve in lieu of the recital.

<sup>3</sup> Oral examination reviewing the project and degree coursework.

## Music History/Ethnomusicology, Literature, or Theory Courses

| Code    | Title                           | Credits |
|---------|---------------------------------|---------|
| MUS 528 | Cultures of Musical Celebrity   | 3       |
| MUS 551 | Introduction to Ethnomusicology | 4       |

|         |                                                |   |
|---------|------------------------------------------------|---|
| MUS 552 | Musical Instruments of the World               | 4 |
| MUS 562 | Popular Musics in the African Diaspora         | 4 |
| MUS 575 | History of Opera                               | 4 |
| MUS 587 | Music and Emotion                              | 4 |
| MUS 614 | Introduction to Musicology                     | 4 |
| MUS 643 | Notation of Medieval and Renaissance Music     | 3 |
| MUS 660 | Music in the Middle Ages                       | 3 |
| MUS 661 | Music in the Renaissance                       | 3 |
| MUS 662 | Music in the Baroque Era                       | 3 |
| MUS 663 | Music in the Classical Period                  | 3 |
| MUS 664 | Music in the Romantic Era                      | 3 |
| MUS 665 | Music in the 20th Century                      | 3 |
| MUS 670 | Graduate Seminar in Musicology: [Topic]        | 4 |
| MUS 671 | Seminar in Ethnomusicology: [Topic]            | 4 |
| MUS 680 | Historical Performance Practices I             | 3 |
| MUS 681 | Historical Performance Practices II            | 3 |
| MUS 682 | Historical Performance Practices III           | 3 |
| MUS 683 | Rhetoric and Music                             | 4 |
| MUS 684 | Musical Iconography                            | 4 |
| MUS 516 | Post-Tonal Theory I                            | 3 |
| MUS 517 | Post-Tonal Theory II                           | 3 |
| MUS 530 | Tonal Analysis: Linear Prolongational Analysis | 3 |
| MUS 531 | Tonal Analysis: Form in Tonal Music            | 3 |
| MUS 532 | Tonal Analysis: Analysis of Popular Music      | 3 |
| MUS 533 | Counterpoint                                   | 4 |
| MUS 534 | Counterpoint                                   | 4 |
| MUS 535 | Counterpoint                                   | 4 |
| MUS 615 | Current Trends in Music Theory                 | 3 |
| MUS 629 | Repertoire and Analysis                        | 3 |
| MUS 630 | History of Theory I                            | 3 |
| MUS 631 | History of Theory II                           | 3 |
| MUS 632 | History of Theory III                          | 3 |
| MUS 634 | Advanced Post-Tonal Theory                     | 3 |

## Musicology (MA)

The University of Oregon offers a Master of Arts degree in Musicology and Music Theory.

In addition to the University of Oregon Division of Graduate Studies' requirements for master's degrees, the School of Music and Dance has the following requirements. For additional information, contact the music graduate office or consult the Info for Grad Students (<https://music.uoregon.edu/current-students/info-graduate-music-students/>) webpage.

A minimum of 9 credits must be taken in 600- or 700-level courses and at least one-half of the required credits must be in courses intended for graduate students only. Degree candidates must complete a terminal project (e.g., recital, thesis, project), all of which must be archived in one of the following locations: Music Services in Knight Library, Scholars' Bank, ProQuest, or Cykler Music Education Library.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

### Master of Arts in Musicology

| Code                 | Title                                                                                        | Credits      |
|----------------------|----------------------------------------------------------------------------------------------|--------------|
|                      | Performance Studies, at least three terms                                                    | 6            |
|                      | Appropriate ensemble, at least three terms                                                   | 3-6          |
| MUS 503              | Thesis                                                                                       | 9            |
| MUS 614              | Introduction to Musicology                                                                   | 4            |
|                      | Select four of the following:                                                                | 12           |
| MUS 660              | Music in the Middle Ages                                                                     |              |
| MUS 661              | Music in the Renaissance                                                                     |              |
| MUS 662              | Music in the Baroque Era                                                                     |              |
| MUS 663              | Music in the Classical Period                                                                |              |
| MUS 664              | Music in the Romantic Era                                                                    |              |
| MUS 665              | Music in the 20th Century                                                                    |              |
|                      | Three Seminars in Music History:                                                             | 9-12         |
| MUS 507<br>& MUS 670 | Seminar: [Topic]<br>and Graduate Seminar in Musicology:<br>[Topic]                           |              |
|                      | One graduate course in ethnomusicology                                                       | 3-4          |
|                      | One course in music history or ethnomusicology, theory, or<br>approved area other than music | 3-4          |
| <b>Total Credits</b> |                                                                                              | <b>49-57</b> |

### Language Requirement

Proficiency in a second language selected in consultation with an advisor. Language courses taken to satisfy this requirement may not be used to fulfill the 49 total graduate credits.

### Additional Requirements

A final oral examination reviewing the thesis and degree course work.

## Musicology (PhD)

The University of Oregon offers a Doctor of Philosophy in Data-Driven Music Performance and Composition, Music Composition, Music Education, Music Theory, and Musicology.

At the doctoral level, the basic orientation is scholarly or research activity that makes an original contribution to the chosen field. Advanced scholarship and research are intensely disciplined efforts; intuition and creativity are important in the gathering, processing, and interpretation of information. The program most appropriately culminates in the awarding of the degree, Doctor of Philosophy. The doctoral degree program in musicology emphasizes the scholarly study of music as informed by the specific major (musicology or ethnomusicology) and its relationship with other fields.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Understand the theories and methodologies of musicology or ethnomusicology.
- Perform bibliography, research, and analytic techniques.

- Read in appropriate foreign languages.
- Have writing skills.

## Doctor of Philosophy in Musicology Requirements

| Code                 | Title                                                             | Credits      |
|----------------------|-------------------------------------------------------------------|--------------|
| MUS 614              | Introduction to Musicology                                        | 4            |
| MUS 629              | Repertoire and Analysis                                           | 3            |
| MUE 641              | College Music Teaching                                            | 3            |
|                      | Music in Historic Era - select two from the following:            | 6            |
| MUS 660              | Music in the Middle Ages                                          |              |
| MUS 661              | Music in the Renaissance                                          |              |
| MUS 662              | Music in the Baroque Era                                          |              |
| MUS 663              | Music in the Classical Period                                     |              |
| MUS 664              | Music in the Romantic Era                                         |              |
| MUS 665              | Music in the 20th Century                                         |              |
|                      | Non-Music Courses <sup>1</sup>                                    | 8            |
|                      | Research Development Courses <sup>2</sup>                         | 6-8          |
| MUE 639              | Pedagogy and Practicum: [Topic]                                   | 3            |
| MUS 551              | Introduction to Ethnomusicology                                   | 4            |
| MUS 643              | Notation of Medieval and Renaissance Music                        | 3            |
|                      | Historical Performance Practices - select one from the following: | 3            |
| MUS 680              | Historical Performance Practices I                                |              |
| MUS 681              | Historical Performance Practices II                               |              |
| MUS 682              | Historical Performance Practices III                              |              |
| MUS 691              | Collegium Musicum                                                 | 1-3          |
|                      | Five Musicology Seminars                                          | 20           |
| MUS 670              | Graduate Seminar in Musicology: [Topic]                           |              |
| MUS 671              | Seminar in Ethnomusicology: [Topic]                               |              |
|                      | Tonal Analysis/History of Theory - select two from the following: | 6            |
| MUS 530              | Tonal Analysis: Linear Prolongational Analysis                    |              |
| MUS 531              | Tonal Analysis: Form in Tonal Music                               |              |
| MUS 532              | Tonal Analysis: Analysis of Popular Music                         |              |
| MUS 630              | History of Theory I                                               |              |
| MUS 631              | History of Theory II                                              |              |
| MUS 632              | History of Theory III                                             |              |
|                      | Comprehensive Exam                                                |              |
|                      | Dissertation                                                      | 18           |
| MUS 603              | Dissertation                                                      |              |
|                      | Final Lecture and Oral Defense of Dissertation                    |              |
| <b>Total Credits</b> |                                                                   | <b>88-92</b> |

<sup>1</sup> Chosen in consultation with faculty advisor. These courses are intended to assist with content creation of the final dissertation.

<sup>2</sup> Chosen in consultation with faculty advisor. These courses are intended to prepare students for the research and writing/creation of the final dissertation.

# Music Performance Graduate Certificate

The graduate certificate in music performance offers postbaccalaureate students the opportunity to focus deeply on performance studies outside the academic rigors of traditional graduate music degrees. Geared toward performing instrumentalists and singers who plan on full-time careers as soloists, chamber musicians, and/or large ensemble members, the one-year certificate program requires three terms of study in applied lessons, three terms of ensembles, one juried public recital, one regional outreach event, and minimal electives as approved by the student’s advisor.

The graduate certificate is a one-year stand-alone program.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Performance: Have achieved of the highest possible level of performance. The study in the major performing medium will continue throughout the entire certificate program.
- Performance: Have solo and ensemble experience in a variety of formal and informal settings.
- Basic Musicianship: Develop fundamental musicianship, including basic understanding of musical properties such as rhythm, melody, harmony, timbre, texture, and form; abilities to respond to, interpret, create, analyze, and evaluate music; and sight-reading and aural skills.
- Basic Musicianship: Develop a general knowledge of music history through performance, listening, and discussion to enable them to place compositions in historic and stylistic perspective.

Final Project. A final recital and an outreach project must be completed prior to the award of the certificate.

## Music Performance Graduate Certificate Requirements

Courses used to fulfill the certificate requirements must be taken for a letter grade and passed with a grade of B- or better. All credits must be taken at the UO.

| Code                                                          | Title                     | Credits |
|---------------------------------------------------------------|---------------------------|---------|
| Three terms of applied lessons (MUP 665)                      |                           | 12      |
| Three terms of large ensemble chosen from:                    |                           | 6       |
| MUS 521–523                                                   | The Collaborative Pianist |         |
| MUS 695                                                       | Band: [Topic]             |         |
| MUS 696                                                       | Orchestra: [Topic]        |         |
| MUS 697                                                       | Chorus: [Topic]           |         |
| MUS 698                                                       | Opera Workshop            |         |
| Three terms of Chamber ensemble chosen from:                  |                           | 3       |
| MUS 691                                                       | Collegium Musicum         |         |
| MUS 694                                                       | Chamber Ensemble: [Topic] |         |
| Electives at the 500-level or above <sup>1</sup>              |                           | 6       |
| Recital                                                       |                           |         |
| Community Outreach Event in the Northwest Region <sup>2</sup> |                           |         |
| Total Credits                                                 |                           | 27      |

- <sup>1</sup> Students who wish to take 500- or 600-level theory or musicology courses must either pass the graduate music entrance exams or SOMD undergraduate courses as required.
- <sup>2</sup> A written proposal is required as well as a written report of the final event.

## Large Ensemble Requirements:

- Instrumental ensemble options: University Symphony Orchestra, Oregon Wind Ensemble, Oregon Wind Symphony
- Voice ensemble options: University Singers, Chamber Choir, Opera Ensemble
- Students studying piano, collaborative piano have other ensemble options. Contact your advisor.

## Music Graduate Specializations

- Collaborative Piano (p. 630)
- Ethnomusicology (p. 630)
- Historical Performance Practice (p. 631)
- Jazz Pedagogy (p. 631)
- Music Theory Pedagogy (p. 631)
- Piano Pedagogy (p. 631)
- Violin/Viola Pedagogy (p. 631)

## Graduate Specialization in Collaborative Piano

| Code          | Title                     | Credits |
|---------------|---------------------------|---------|
| MUS 521       | The Collaborative Pianist | 2       |
| MUS 522       | The Collaborative Pianist | 2       |
| MUS 523       | The Collaborative Pianist | 2       |
| MUP 650       | Music Performance Studies | 2       |
| MUP 650       | Music Performance Studies | 2       |
| MUP 650       | Music Performance Studies | 2       |
| MUS 567       | Solo Vocal Music          | 3       |
| MUS 568       | Solo Vocal Music          | 3       |
| Total Credits |                           | 18      |

### Two Chamber Music Recitals

Year One: A 45-60 minute chamber music/art-song recital.

Year Two: A 60-90 minute chamber music/art-song recital.

This specialization is available to all MM Piano Performance, MM Piano Pedagogy, & DMA Piano Performance Majors. Exceptions may be made with permission of the UO SOMD Director of Collaborative Piano.

/programadmin/461/index.html

## Graduate Specialization in Ethnomusicology

| Code             | Title                               | Credits |
|------------------|-------------------------------------|---------|
| Core Courses     |                                     |         |
| MUS 551          | Introduction to Ethnomusicology     | 4       |
| FLR 595          | Folklore Fieldwork                  | 4       |
| MUS 671          | Seminar in Ethnomusicology: [Topic] | 4       |
| Ensemble Courses |                                     | 2       |

|                                  |                                                                             |          |
|----------------------------------|-----------------------------------------------------------------------------|----------|
| MUS 536                          | World Music Ensemble: [Topic] (One of the two ensemble options)             |          |
| DAN 536                          | Dema African Performance Ensemble: [Topic]                                  |          |
| <b>Additional 4-credit class</b> |                                                                             | <b>4</b> |
| MUS 552                          | Musical Instruments of the World (Possible elective)                        |          |
| MUS 562                          | Popular Musics in the African Diaspora                                      |          |
| MUS 671                          | Seminar in Ethnomusicology: [Topic] (Must be different topic other MUS 671) |          |

## Graduate Specialization in Historical Performance Practice

| Code                                                                                                                       | Title                                  | Credits   |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------|
| <b>Choose 1 of the following (total 3 credits):</b>                                                                        |                                        |           |
| MUS 660                                                                                                                    | Music in the Middle Ages               | 3         |
| MUS 661                                                                                                                    | Music in the Renaissance               | 3         |
| MUS 662                                                                                                                    | Music in the Baroque Era               | 3         |
| MUS 663                                                                                                                    | Music in the Classical Period          | 3         |
| <b>Choose 2 of the following (total 6 credits):</b>                                                                        |                                        |           |
| MUS 680–682                                                                                                                | Historical Performance Practices I-III | 6         |
| <b>The following required courses:</b>                                                                                     |                                        |           |
| MUS 683: Rhetoric & Music (currently a MUS607 recurring seminar; course change has been submitted to UOCC for approval)    |                                        | 4         |
| MUS 684: Musical Iconography (currently a MUS607 recurring seminar; course change has been submitted to UOCC for approval) |                                        | 4         |
| MUS 691                                                                                                                    | Collegium Musicum                      | 1         |
| <b>Total Credits</b>                                                                                                       |                                        | <b>18</b> |

## Graduate Specialization in Jazz Pedagogy

| Code                                                 | Title                                                                         | Credits   |
|------------------------------------------------------|-------------------------------------------------------------------------------|-----------|
| MUJ 540                                              | Jazz Pedagogy Practicum                                                       | 3         |
| MUJ 661                                              | Jazz Program Planning and Development                                         | 3         |
| MUP 635                                              | Music Performance Studies: [Topic] (Three terms required/2 credits each term) | 2         |
| MUP 635                                              | Music Performance Studies: [Topic]                                            | 2         |
| MUP 635                                              | Music Performance Studies: [Topic]                                            | 2         |
| MUE 615                                              | Jazz Practicum (3 terms, 1 credit per term)                                   | 3         |
| <b>Ensemble Requirements, to be chosen from list</b> |                                                                               | <b>3</b>  |
| MUJ 690                                              | Jazz Laboratory Band III                                                      |           |
| MUJ 691                                              | Jazz Laboratory Band II                                                       |           |
| MUJ 692                                              | Oregon Jazz Ensemble                                                          |           |
| MUJ 695                                              | Small Jazz Ensemble: [Topic]                                                  |           |
| MUS 694                                              | Chamber Ensemble: [Topic] (Jazz Guitar)                                       |           |
| MUS 694                                              | Chamber Ensemble: [Topic] (Latin Jazz)                                        |           |
| <b>Total Credits</b>                                 |                                                                               | <b>18</b> |

In addition, students must pass a skills exam testing jazz/commercial music theory and keyboard skills.

## Graduate Specialization in Music Theory Pedagogy

| Code                                                                                 | Title                                                             | Credits   |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------|
| Choose one of the following:                                                         |                                                                   | 3         |
| MUS 530                                                                              | Tonal Analysis: Linear Prolongational Analysis                    |           |
| MUS 531                                                                              | Tonal Analysis: Form in Tonal Music                               |           |
| MUS 532                                                                              | Tonal Analysis: Analysis of Popular Music                         |           |
| MUE 639                                                                              | Pedagogy and Practicum: [Topic] (Music Theory Pedagogy)           | 3         |
| MUS 516                                                                              | Post-Tonal Theory I                                               | 3         |
| MUS 615                                                                              | Current Trends in Music Theory                                    | 3         |
| MUS 672                                                                              | Seminar: Music Theory: [Topic] (Graduate Seminar in Music Theory) | 4         |
| Students must also pass a skills exam testing aural musicianship and keyboard skills |                                                                   |           |
| <b>Total Credits</b>                                                                 |                                                                   | <b>16</b> |

## Graduate Specialization in Piano Pedagogy

| Code                 | Title                                            | Credits   |
|----------------------|--------------------------------------------------|-----------|
| MUE 571              | Piano Pedagogy I: Teaching Beginners             | 3         |
| MUE 572              | Piano Pedagogy II: Teaching Groups               | 2         |
| MUE 573              | Piano Pedagogy III: Teaching Intermediate Levels | 2         |
| MUE 639              | Pedagogy and Practicum: [Topic]                  | 3         |
| MUP 650              | Music Performance Studies                        | 2         |
| MUP 650              | Music Performance Studies                        | 2         |
| MUP 650              | Music Performance Studies                        | 2         |
| <b>Total Credits</b> |                                                  | <b>16</b> |

Students who have been admitted into the M.M. Piano Performance, M.M. Collaborative Piano, D.M.A. Piano Performance, and D.M.A. Collaborative Piano degree programs may declare the Graduate Specialization in Piano Pedagogy without any additional audition or admissions procedures.

Students in other music graduate degree programs (that are not piano) will need to audition and demonstrate piano ability at the advanced level.

The Graduate Specialization in Violin/Viola Pedagogy will provide violin and viola students in the MM Performance and DMA Performance degrees the opportunity to pursue a cognate in the pedagogy field.

## Graduate Specialization in Violin/Viola Pedagogy

| Code    | Title                                                  | Credits |
|---------|--------------------------------------------------------|---------|
| MUE 559 | Fundamentals of Violin and Viola Teaching              | 2       |
| MUE 564 | Advanced Violin/Viola Pedagogy                         | 2       |
| MUE 565 | Somatics for String Players                            | 1       |
| MUE 560 | Early-Intermediate Violin Repertoire and Technique     | 2       |
| MUE 566 | Community Music Institute Practicum (4 terms required) | 4       |
| MUE 563 | Pedagogy Methods: Violin and Viola                     | 2       |

|                           |                                 |    |
|---------------------------|---------------------------------|----|
| MUE 639                   | Pedagogy and Practicum: [Topic] | 3  |
| Minimum Required Credits: |                                 | 16 |



# Ballmer Institute for Children's Behavioral Health

The Ballmer Institute for Children's Behavioral Health at the University of Oregon Portland establishes a new national model for behavioral health care for children and families by creating the nation's first undergraduate program in child behavioral health. This program will provide undergraduate students with applied training in the delivery of interventions to promote well-being and prevent mental health problems from developing and worsening in children and adolescents. Graduates of the program will leave with practical skills that will allow them to directly enter the behavioral health workforce to support the well-being of youth in schools, the health care system, and other community settings. The Ballmer Institute serves children, adolescents, and families and prioritizes the needs of youth who have been persistently and/or historically underserved. This groundbreaking initiative was made possible by an extraordinary gift from Connie and Steve Ballmer, co-founders of Ballmer Group Philanthropy.

## Faculty

Learn about our faculty here: <https://childrensbehavioralhealth.uoregon.edu/child-behavioral-health-faculty>

## Undergraduate

### Major - Bachelor's Degree

- Child Behavioral Health (BA/BS) (p. 633)

The Ballmer Institute for Children's Behavioral Health offers BS and BA degrees in child behavioral health. The major is designed as a 2 + 2 program with the first two years focused on the completion of core education requirements, bachelor's degree requirements, and pre-major core curriculum. The latter two years are completed at the University of Oregon Portland. All students will begin in the fall term and progress through the major as a cohort.

### Admission

For the most up-to-date information on our admission process, please visit our website: <https://childrensbehavioralhealth.uoregon.edu/undergraduate-admissions>

### Transfer Students

The Ballmer Institute accepts equivalent courses taught at other institutions to meet its pre-major core curriculum. If you are uncertain if your courses meet the pre-major core curriculum, please schedule an appointment with a Ballmer Institute academic and career advisor.

### Pre-major in Child Behavioral Health

Students in the pre-major will need to complete core education requirements, bachelor's degree requirements, and the following pre-major core curriculum. Prerequisite courses included in the pre-major fall into three domains: Introductory Psychology/Human Services; Human Development; and Diversity, Equity, and Inclusion. All courses must be taken graded and passed with a C- or better. Meeting these requirements

usually takes two years, please review our sample schedules (<https://childrensbehavioralhealth.uoregon.edu/ballmer-sample-schedules/>).

Although there are recommended courses for each domain, students may submit other courses to be approved as substitutes.

## Pre-major Requirements

| Code                                          | Title                                   | Credits      |
|-----------------------------------------------|-----------------------------------------|--------------|
| <b>Introductory Psychology/Human Services</b> |                                         | <b>3-4</b>   |
| FHS 213                                       | Issues for Children and Families        |              |
| FHS 215                                       | Exploring Family and Human Services     |              |
| PSY 202                                       | Mind and Society                        |              |
| PPPM 202                                      | Healthy Communities                     |              |
| <b>Diversity, Equity, and Inclusion</b>       |                                         | <b>4</b>     |
| FHS 216                                       | Diversity in Human Services             |              |
| ES 101                                        | Introduction to Ethnic Studies          |              |
| PHIL 216                                      | Philosophy and Cultural Diversity       |              |
| SOC 207                                       | Social Inequality                       |              |
| <b>Human Development</b>                      |                                         | <b>3-4</b>   |
| FHS 328                                       | Human Development in the Family Context |              |
| PSY 308                                       | Developmental Psychology                |              |
| <b>Total Credits</b>                          |                                         | <b>10-12</b> |

## Graduate

### Microcredential

- Child Behavioral Health (p. 634)

## Child Behavioral Health (BA/BS)

The child behavioral health major provides students with knowledge and skills to improve the behavioral health and wellness of youth. Students will learn how to equitably deliver evidence-based interventions to promote wellness and prevent mental health problems from developing or worsening in children and adolescents. This degree encompasses classroom instruction and supervised practical training by experts in behavioral health. Students will gain over 700 hours of supervised community-based practice as part of this major. Child behavioral health specialists who graduate from this program will be prepared to support the behavioral health and wellness of children and adolescents across identities and abilities and from a variety of family structures and backgrounds in schools, the health care system, and other community settings. With a degree in child behavioral health, you will be part of the next generation of mental health professionals and ready to enter the workforce with the skills necessary to:

- Identify youth who can benefit from early intervention or referral to mental health services
- Equitably deliver evidence-based prevention and intervention programs that promote the well-being of youth
- Teach youth to identify and regulate emotions, set goals, problem solve, practice mindfulness and other skills to support well-being
- Help children and families establish healthy habits for sleep, physical activity, digital media use, and develop supportive relationships

- Collaborate with other professionals like teachers, psychologists, and physicians to support health and wellness for youth

The major is designed as a 2 + 2 program with the first two years focused on the completion of core education requirements, bachelor's degree requirements, and pre-major core curriculum in Eugene or another institution. The latter two years involve specialized coursework and applied practical experiences completed at the Ballmer Institute at the University of Oregon Portland.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of health equity and promotion in children and adolescents across identities, abilities, and family backgrounds/structures.
- Demonstrate knowledge of risk and protective factors that affect the behavioral health of children and adolescents, with an emphasis on persistently underserved communities.
- Demonstrate knowledge of prevention and intervention theory, and the ability to identify evidence-based practices and programs, particularly addressing the needs of historically underserved populations.
- Demonstrate foundational intervention skills with children, adolescents, and families from all communities, including culturally responsive and affirming delivery of services and evidence-based programs.
- Demonstrate professionalism across service settings, including understanding of professional ethics, and appropriate consultation with practitioners.

## Child Behavioral Health Major Requirements

Students in the child behavioral health major must complete the pre-major core curriculum and the program requirements (listed below).

### Pre-major Requirements

| Code                                          | Title                                   | Credits      |
|-----------------------------------------------|-----------------------------------------|--------------|
| <b>Introductory Psychology/Human Services</b> |                                         | <b>3-4</b>   |
| FHS 213                                       | Issues for Children and Families        |              |
| FHS 215                                       | Exploring Family and Human Services     |              |
| PSY 202                                       | Mind and Society                        |              |
| PPPM 202                                      | Healthy Communities                     |              |
| <b>Diversity, Equity, and Inclusion</b>       |                                         | <b>4</b>     |
| FHS 216                                       | Diversity in Human Services             |              |
| ES 101                                        | Introduction to Ethnic Studies          |              |
| PHIL 216                                      | Philosophy and Cultural Diversity       |              |
| SOC 207                                       | Social Inequality                       |              |
| <b>Human Development</b>                      |                                         | <b>3-4</b>   |
| FHS 328                                       | Human Development in the Family Context |              |
| PSY 308                                       | Developmental Psychology                |              |
| <b>Total Credits</b>                          |                                         | <b>10-12</b> |

### Major Requirements

| Code                     | Title                                     | Credits |
|--------------------------|-------------------------------------------|---------|
| <b>Professional Core</b> |                                           |         |
| BEHT 412                 | Ethics and Professional Practice for CBHS | 4       |

|          |                                                    |   |
|----------|----------------------------------------------------|---|
| BEHT 481 | Supervised Practicum I in Child Behavioral Health  | 4 |
| BEHT 482 | Supervised Practicum II in Child Behavioral Health | 4 |
| BEHT 487 | Integrated Practice I in Child Behavioral Health   | 8 |
| BEHT 488 | Integrated Practice II in Child Behavioral Health  | 8 |
| BEHT 489 | Integrated Practice III in Child Behavioral Health | 8 |

|                       |                                          |   |
|-----------------------|------------------------------------------|---|
| <b>Knowledge Core</b> |                                          |   |
| BEHT 320              | Risk and Resilience in Youth Development | 4 |
| BEHT 321              | Digital Media and Behavioral Health      | 4 |
| BEHT 340              | Evidence-Informed Decision-Making        | 4 |

|                               |                                                       |   |
|-------------------------------|-------------------------------------------------------|---|
| <b>Skill Development Core</b> |                                                       |   |
| BEHT 411                      | Foundational Interviewing and Counseling Skills       | 4 |
| BEHT 413                      | Screening and Risk Assessment                         | 4 |
| BEHT 471                      | Child and Youth Supports and Interventions I          | 4 |
| BEHT 472                      | Child and Youth Supports and Interventions II         | 4 |
| BEHT 473                      | Parent and Family Supports and Interventions          | 4 |
| BEHT 474                      | Community Interventions to Support Youth and Families | 4 |

|                                                    |                                         |           |
|----------------------------------------------------|-----------------------------------------|-----------|
| <b>DEI Core</b>                                    |                                         |           |
| BEHT 350                                           | Diversity Equity and Inclusion Theory I | 3         |
| BEHT 351                                           | Diversity Equity and Inclusion II       | 3         |
| <b>DEI Elective Courses (4 courses/12 credits)</b> |                                         | <b>12</b> |

|          |                                               |  |
|----------|-----------------------------------------------|--|
| BEHT 450 | Supporting Behavioral Health of Tribal Youth  |  |
| BEHT 451 | Behavioral Health: Asian and Pacific Islander |  |
| BEHT 452 | Supporting Behavioral Health of Latinx Youth  |  |
| BEHT 453 | Supporting Behavioral Health of Black Youth   |  |
| BEHT 454 | Supporting Neurodiverse and Disabled Youth    |  |
| BEHT 455 | Improving Behavioral Health of LGBTQ Youth    |  |

|                      |  |           |
|----------------------|--|-----------|
| <b>Total Credits</b> |  | <b>90</b> |
|----------------------|--|-----------|

## Child Behavioral Health Microcredential

### Child Behavioral Health Microcredential Requirements

| Code     | Title                                                 | Credits |
|----------|-------------------------------------------------------|---------|
| BEHT 621 | Teaching Self-Regulation in Childhood and Adolescence | 4       |
| BEHT 622 | Trauma-Informed Supports for Children and Adolescents | 4       |

|                      |                                                  |           |
|----------------------|--------------------------------------------------|-----------|
| BEHT 623             | Developing and Maintaining Healthy Relationships | 4         |
| <b>Total Credits</b> |                                                  | <b>12</b> |

# Knight Campus

---

## Robert Guldberg, Vice President and Robert and Leona DeArmond Executive Director

541-346-2120  
1505 Franklin Blvd  
Eugene, OR 97403-6231  
accelerate@uoregon.edu

The Phil and Penny Knight Campus for Accelerating Scientific Impact is a campus designed to accelerate the cycle of moving discoveries to impacts for the greater good. Rooted in the University of Oregon's 60-year history of interdisciplinary collaboration, it is training new generations of scientists, forging tighter ties with industry and entrepreneurs, and creating new opportunities for graduate and undergraduate students.

*Mission:* Science advancing society

*Vision:* Dramatically shorten the timeline between discovery and societal impact through world-class research, training and entrepreneurship in a nimble scientific enterprise.

### Goals:

- Redefine the modern research university by fostering world-changing research unfettered by traditional academic boundaries
- Serve as the educational engine driving the new economy of Oregon
- Transform student education through discovery-driven learning
- Engage the public in the excitement and creativity of scientific research
- Foster diverse perspectives and participation in scientific research
- Improve the health and wellbeing of the citizens of Oregon, the nation, and the world

### Programs:

---

#### Bioengineering PhD Program:

We Focus on Your Success. The PhD program is designed to jump start and accelerate your success. Earn a dual-shield degree from the University of Oregon (UO) and Oregon State University (OSU) with full access to the world-class facilities and resources at both universities. Make impactful and innovative discoveries at the forefront of bioengineering research in areas like regenerative medicine, synthetic biology, biosensors and devices. Engage in an immersive curriculum, high impact research opportunities, and targeted research and career training programs that will take your science, and your career, to the next level.

The design of our curriculum helps students create an academic plan that drives their research and career success. This starts with minimizing core requirements to four courses that prepare students to apply bioengineering fundamentals toward innovations that advance human health. Students then tailor their individual experience through an unrivaled set of elective options. Joint program students can choose any graduate-level course at UO or OSU that aligns with their research

or career goals. Students take exactly what they need to advance their science.

Knight Campus graduate students complement their academic coursework through a career acceleration program: a suite of advanced trainings in ethics, science communication, innovation and entrepreneurship, grant writing, design thinking, and career planning that accelerates their academic and professional success.

---

#### Knight Campus Graduate Internship Program (KCGIP):

KCGIP is an accelerated master's program with five focus areas that combines lab and lecture content with a paid internship. We train students to be successful in the fast-paced, collaborative environment typical of the industrial or government lab setting. We believe graduate education should equip you with the skills that allow you to excel in your career: technical expertise, hands-on experience and professional skills (including communication, leadership, and teamwork).

Students gain these skills first, through our focused coursework and hands on training in our academic labs, professional development training, and a 9-month paid internship. Program tracks span the fields of engineering, physics, chemistry and biology and include:

- Bioinformatics and Genomics
- Molecular Sensors and Biotechnology
- Polymer Science
- Semiconductor and Photovoltaic Device Processing
- Optical Materials and Devices

---

#### Bioengineering Minor Program:

Students in the minor apply their natural sciences background towards bioengineering problems, research, and innovations. You will learn through a combination of experiential approaches including hands-on work in our bioengineering teaching labs. Students in the minor also have access to elective courses in innovative technologies like 3D printing, protein engineering, and biomaterials. Completing the minor is a great way to prepare for a career in the biotech industry or to pursue graduate training in bioengineering, medicine, or law.

The minor is also a great way to meet and network with Knight Campus faculty and students and launch conversations about undergraduate research in Knight Campus research groups.

## Faculty

Please see the list on our website (<https://bioengineering.uoregon.edu/people/>).

## Undergraduate

### Minor

- Bioengineering (p. 637)

## Graduate

### Majors - Master's Degree

- Applied Physics (MS) (p. 638)
- Biology (MS) (p. 639)
- Chemistry (MS) (p. 639)

### Major - Doctoral Degree

- Bioengineering (PhD) (p. 639)

## Bioengineering Minor

### Jenni Van Wyk, Student Recruiter & Advisor

Knight Campus, room 261

541-346-2120

bioengineering@uoregon.edu

To complete the bioengineering minor, you must complete 12 elective credits. At least 4 must be from the BIOE subject-code and up to 8 credits from this list may be applied towards the upper-division bioengineering minor requirement. Courses used to complete a student's major core requirements may not be applied towards the bioengineering minor elective requirement.

Bioengineering resides at the interface of engineering and the natural sciences, and a thorough knowledge of both is essential for innovation and problem solving in the discipline. The courses below provide an opportunity for students to strengthen their knowledge within their primary discipline in several areas particularly relevant to bioengineering, including: genetics, microbiology, physiology, chemistry, neuroscience, physics and electronics.

### Minor in Bioengineering

| Code                                    | Title                                                                                                               | Credits   |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Core Courses</b>                     |                                                                                                                     |           |
| BIOE 251<br>& BIOE 252<br>& BIOE 253    | Fundamentals of Bioengineering I<br>and Fundamentals of Bioengineering II<br>and Fundamentals of Bioengineering III | 12        |
| <b>Upper-Division Courses</b>           |                                                                                                                     |           |
| 300-/400-level BIOE Course              |                                                                                                                     | 4         |
| 300-/400-level BIOE or Approved Courses |                                                                                                                     | 8         |
| <b>Total Credits</b>                    |                                                                                                                     | <b>24</b> |

#### BIOE minor interdisciplinary electives

*Up to eight credits from this list may be applied towards the upper-division bioengineering minor requirement. Courses used to complete a student's major core requirements may not be applied towards the bioengineering minor elective requirement.*

Bioengineering resides at the interface of engineering and the natural sciences, and a thorough knowledge of both is essential for innovation and problem solving in the discipline. The courses below provide an opportunity for students to strengthen their knowledge within their primary discipline in several areas particularly relevant to bioengineering, including: genetics, microbiology, physiology, chemistry, neuroscience, physics and electronics.

## Approved Courses

| Code                              | Title                                              | Credits |
|-----------------------------------|----------------------------------------------------|---------|
| <b>Biology</b>                    |                                                    |         |
| BI 320                            | Molecular Genetics                                 | 4       |
| BI 322                            | Cell Biology                                       | 4       |
| BI 326                            | Immunology and Infectious Disease                  | 4       |
| BI 328                            | Developmental Biology                              | 4       |
| BI 330                            | Microbiology                                       | 3       |
| BI 331                            | Microbiology Laboratory                            | 3       |
| BI 353                            | Sensory Physiology                                 | 4       |
| BI 358                            | Investigations in Medical Physiology               | 4       |
| BI 360                            | Neurobiology                                       | 4       |
| BI 423                            | Human Molecular Genetics                           | 4       |
| BI 424                            |                                                    | 4       |
| BI 426                            | Genetics of Cancer                                 | 4       |
| BI 427                            | Molecular Genetics of Human Disease                | 4       |
| BI 428                            | Developmental Genetics                             | 4       |
| BI 461                            | Systems Neuroscience                               | 4       |
| BI 466                            | Developmental Neurobiology                         | 4       |
| BI 485                            |                                                    | 4       |
| <b>Chemistry and Biochemistry</b> |                                                    |         |
| CH 360                            | Physiological Biochemistry                         | 4       |
| CH 461                            | Biochemistry                                       | 4       |
| CH 462                            | Biochemistry                                       | 4       |
| CH 463                            | Biochemistry                                       | 4       |
| CH 464                            | RNA Biochemistry                                   | 4       |
| CH 465                            | Physical Biochemistry                              | 4       |
| CH 466                            | Structural Biochemistry                            | 4       |
| CH 467                            | Biochemistry Laboratory                            | 4       |
| <b>Physics</b>                    |                                                    |         |
| PHYS 351                          | Foundations of Physics II                          | 4       |
| PHYS 352                          | Foundations of Physics II                          | 4       |
| PHYS 353                          | Foundations of Physics II                          | 4       |
| PHYS 362                          |                                                    | 4       |
| PHYS 411                          | Mechanics, Electricity, and Magnetism              | 4       |
| PHYS 412                          | Mechanics, Electricity, and Magnetism              | 4       |
| PHYS 413                          | Mechanics, Electricity, and Magnetism              | 4       |
| PHYS 421M                         | Partial Differential Equations: Fourier Analysis I | 4       |
| PHYS 431                          | Analog Electronics                                 | 4       |
| PHYS 432                          | Digital Electronics                                | 4       |
| PHYS 481                          | Design of Experiments                              | 4       |
| <b>Human Physiology</b>           |                                                    |         |
| HPHY 321                          | Human Anatomy I                                    | 5       |
| HPHY 322                          | Human Physiology I                                 | 5       |
| HPHY 323                          | Human Anatomy II                                   | 5       |
| HPHY 324                          | Human Physiology II                                | 5       |
| HPHY 325                          | Human Anatomy and Physiology III                   | 5       |
| HPHY 362                          | Tissue Injury and Repair                           | 4       |
| HPHY 381                          | Biomechanics                                       | 4       |



|          |                       |   |
|----------|-----------------------|---|
| HPHY 432 | Neural Development    | 4 |
| HPHY 436 | Clinical Neuroscience | 4 |

At least 12 upper-division credits must be completed in residence.

## Applied Physics (MS)

541-346-2120

The Knight Campus Graduate Internship Program (KCGIP) is an accelerated master's program with five focus areas that combines lab and lecture content with a 9-month paid internship. We train students to be successful in the fast-paced, team-driven environment typical of the industrial or government lab setting.

The applied physics master of science (MS) degree requires the completion of 54 total credits—24 graded credits at the 500 level or higher and 30 internship research credits. The internship requirement must be fulfilled through the industrial internship program. Internship credits are taken pass/no pass. A student who is working full-time as an intern typically earns 10 credits each term. Graded credits must be selected from an approved departmental list. The table below highlights courses commonly taken by students in the program. Other 600-level physics courses qualify, but may require additional prerequisites. Some graduate-level courses in chemistry may qualify. Other courses may be added or substituted with the approval of the applied physics program advisor.

### Photovoltaic & Semiconductor Device Processing

Situated at the intersection of chemistry, physics and chemical engineering, the semiconductor (microelectronics) industry enables greener, smarter, and more connected economy. The field has significant implications in society's ability to support technology innovation and address the global energy crisis through applications in microprocessors, photovoltaics, LEDs and power transistors. For students who love to stay connected, semiconductor technology has driven advancements in the internet, 5G and IoT. And for anyone who loves smart technology – iPhone, Fitbit, self-driving cars- this field is ripe with opportunities. The continued success of this vast, interdisciplinary, and sophisticated yet innovative industry is deemed critical to long-term U.S. national competitiveness, which translates into impactful and well-paid job opportunities for those who choose to join this sector. Alumni from this track work in a wide variety of engineering and management roles in manufacturing, hardware development, materials research, battery development, supply chain, research & development, and analytics. Skills developed in this track transfer to a myriad of roles peripheral to these roles, including systems engineering, software engineering, applications engineering and others.

### Optical Materials & Devices

Optics is the branch of physics that utilizes both simple and sophisticated instruments to study, measure and influence how photons propagate through and interact with matter. The field of optics is critical to the technology found in our modern lives - computers, smartphones, medical equipment and many other 21st century amenities we take for granted. Optical engineers and scientists use their technical knowledge to develop and operate metrology tools (instruments designed to take high-precision, non contact measurements). These tools are used in applications ranging from the life sciences to the semiconductor industry; to build laser writing and cutting tools that revolutionize our ability to

mass manufacture advanced technology; and contribute to cutting edge research and development activities impacting the fields of medicine, defense, microelectronics, and astronomical observation. Alumni from this track work in a wide variety of engineering roles within the life sciences, semiconductor, and defense sectors, as well as peripheral sectors such as next-gen computing and autonomous vehicles. Skills developed in this track have been successfully transferred to a wide variety of engineering and management roles in manufacturing, hardware development, materials research, analytics, software development and research and development.

### Master of Science: Applied Physics

| Code                                      | Title | Credits      |
|-------------------------------------------|-------|--------------|
| 500- or 600-level courses <sup>1</sup>    |       | 24           |
| Industrial internship                     |       | 10           |
| Additional graduate-level physics courses |       | 11-19        |
| <b>Total Credits</b>                      |       | <b>45-53</b> |

<sup>1</sup> At least 9 credits of 600-level courses are required.

### Additional Requirements

For a student to be in good academic standing, the cumulative GPA of the graded-credit total must be 3.00 or better.

Graduate School requirements, including time limits, must be satisfied.

The applied physics master of science (MS) degree requires the completion of 54 total credits—24 graded credits at the 500 level or higher and 30 internship research credits. The internship requirement must be fulfilled through the industrial internship program. Internship credits are taken pass/no pass. A student who is working full-time as an intern typically earns 10 credits each term.

Graded credits must be selected from an approved departmental list. The table below highlights courses commonly taken by students in the Master's Industrial Internship Program. Other 600-level physics courses qualify, but may require additional prerequisites. Some graduate-level courses in chemistry may qualify. Other courses may be added or substituted with the approval of the applied physics program advisor.

| Code      | Title                                                    | Credits |
|-----------|----------------------------------------------------------|---------|
| PHYS 581  | Design of Experiments                                    | 4       |
| PHYS 626  | Physical Optics with Labs                                | 4       |
| PHYS 627  | Optical Materials and Devices                            | 4       |
| PHYS 628  |                                                          | 4       |
| PHYS 677M | Semiconductor Device Physics                             | 4       |
| PHYS 678M | Semiconductor Processing and Characterization Technology | 4       |
| PHYS 679M | Device Processing and Characterization Laboratory        | 4       |
| CH 680    | Electronics and Vacuum Systems                           | 4       |
| CH 681    | Introduction to Electron Microscopy                      | 4       |
| CH 682    | Electron Microprobe Analysis                             | 4       |
| CH 683    | Surface Analysis                                         | 4       |
| CH 685    | Advanced Transmission Electron Microscopy                | 4       |

## Bioengineering (PhD)

**Jenni Van Wyk, Student Recruiter and Advisor**

Knight Campus, room 261  
541-346-2120

Earn a dual-shield degree from the University of Oregon (UO) and Oregon State University (OSU) with full access to the world-class facilities and resources at both universities. Make impactful and innovative discoveries at the forefront of bioengineering research in areas like regenerative medicine, synthetic biology, biosensors, and devices. Engage in an immersive curriculum, high impact research opportunities, and targeted research and career training programs that will take your science, and your career, to the next level.

A master of science degree is only attainable as part of the doctoral program, not as a standalone master's degree.

### Program's Admission Requirements

Please visit the program's website (<https://advanced.oregonstate.edu/portal/BioE/>).

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Scholarship:** The student will be able to identify and conduct original research resulting in a significant contribution to knowledge in the fields spanned by Bioengineering and to effectively communicate this work to a technically literate audience.
- **Mastery of Subject Material:** The student will be able to think critically, creatively and to address technical problems in the fields spanned by Bioengineering. The student will be able to plan and conduct research and entrepreneurial activities that leads to translation of research discoveries to solutions that meet societal needs.
- **Ethical Conduct:** Students will be educated in ethical and responsible conduct in research and professional activities.

### Doctor of Philosophy in Bioengineering

| Code                            | Title | Credits |
|---------------------------------|-------|---------|
| <b>Core Course Requirements</b> |       |         |
| BIOE 611 (UO) or BIOE 511 (OSU) |       | 3       |
| BIOE 612 (UO) or BIOE 512 (OSU) |       | 4       |
| BIOE 613 (UO) or BIOE 513 (OSU) |       | 3       |
| BIOE 614 (UO)                   |       | 3       |
| BIOE 507 (OSU)                  |       | 1       |
| BIOE 617 (UO)                   |       | 1       |
| BIOE 618 (UO) or CBEE 507 (OSU) |       | 1       |
| Elective Course Requirements    |       | 15      |

## Biology (MS)

541-346-2120

The Knight Campus Graduate Internship Program (KCGIP) is an accelerated master's program with five focus areas that combines lab and lecture content with a 9-month paid internship. We train students to be successful in the fast-paced, team-driven environment typical of the industrial or government lab setting.

This degree is designed to jump start your career in this rapidly growing, high-demand field, by applying computer science and statistics to solve big-data problems in biology, biotechnology, and precision medicine. Harness the power of genomic data science to improve human health and facilitate biological discovery and innovation. Our accelerated bioinformatics master's program brings together learners from diverse scientific backgrounds into a cohort-based learning model that will fast track you from classroom to career. Learn how to apply algorithmic logic, statistical methods, and biological concepts within a team, while honing your professional skills during your first 9 months in our fast-paced, immersive training program. Next, apply your skills in the real world during your paid, 9-month internship.

### Biology: Bioinformatics and Genomics Track

| Code                 | Title | Credits      |
|----------------------|-------|--------------|
| Required Coursework  |       | 30           |
| Optional Electives   |       | 1-8          |
| Internship           |       | 30           |
| <b>Total Credits</b> |       | <b>60-68</b> |

## Chemistry (MS)

The Knight Campus Graduate Internship Program (KCGIP) is an accelerated master's program with five focus areas that combines lab and lecture content with a 9-month paid internship. We train students to be successful in the fast-paced, team-driven environment typical of the industrial or government lab setting.

### Polymers Track (<https://internship.uoregon.edu/polymers/>)

Polymers are an unusual class of materials because they simultaneously exhibit both fluid and solid like behavior. Polymers play a critical part in the fields of optics, semiconductors and molecular sensors. Within the field of optics, OLED and LCD displays rely heavily on polymers as both part of the assembly and in the case of OLEDs, the functional light emitting material. Every integrated circuit (semiconductor) relies on polymers for the lithography and etching steps needed to create the patterning of the microchip. The molecular sensor used to detect traces of TNT is in fact a polymer. Students in the polymer track typically have a bachelor's degree in Chemistry, Chemical Engineering, Polymer Science, Materials Science, Biochemistry and related disciplines. Students will earn a Master of Science in Chemistry with Emphasis in Polymer Science.

### Photovoltaics and Semiconductors (<https://internship.uoregon.edu/photovoltaics-semiconductors/>)

Situated at the intersection of chemistry, physics and chemical engineering, the semiconductor (microelectronics) industry enables greener, smarter, and more connected economy. The field has significant implications in society's ability to support technology innovations and address the global energy crisis through applications in microprocessors, photovoltaics, LEDs and power transistors. For students who love to stay connected, semiconductor technology has driven advancements in the internet, 5G and IoT. And for the tech geeks who love smart technology – iPhone, Fitbit, self-driving cars- this field is ripe with opportunities. The continued success of this vast, interdisciplinary, and sophisticated yet innovative industry is deemed critical to long term US national competitiveness, which translates into impactful and well-paid

job opportunities for those who choose to join this sector. Given the highly interdisciplinary nature of this track, students are recruited from multiple backgrounds including physics, chemistry, chemical engineering, materials science and electrical engineering.

## Molecular Sensors and Biotechnology (<https://internship.uoregon.edu/molecular-sensors-biotechnology/>)

This is a specialized field of chemistry, has wide spanning applications in the areas of health diagnostics, environmental monitoring, and national security. Like designing a lock for a key, each molecular sensor is designed to interact, detect and produce a measurable signal in the presence of a specific analyte. Inexpensive, user-friendly, and mass producible devices employing molecular sensors include CO detectors, glucose monitors and pregnancy tests. Advanced applications also exist for the diagnosis of COVID-19, detection of explosives and identification of air and water contaminants. Students interested in the biomedical field can apply their knowledge in the development of sensors for fluorescent imaging, drug development, pathogen detection and early detection of diseases. Students in this focal area typically have a bachelor's degree in Chemistry, Biochemistry, Chemical Biology, Chemical Engineering and related disciplines. Students will earn a Master of Science in Chemistry with Emphasis in Molecular Sensors & Probes. Common industrial and national lab job titles and general descriptions of roles that span the consumer products, pharmaceutical, medical, life science, agricultural and defense industries are provided below.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Have in-depth knowledge in a main subfield of chemistry. Students will acquire this knowledge by doing advanced course work in the field, reading scientific papers, and optionally performing original research in the lab.
- Students pursuing a research master's degree will learn how to carry out independent chemistry research. Students will learn literature comprehension skills, will properly cite and reference techniques and methods, will be able to place one's research in context of the field, and will be able to communicate research results through scientific publications and presentations. Students will be able to formulate scientific hypotheses, understand the scientific method and apply it to research design, will become proficient at data gathering and interpretation, and will be able to write a research proposal. Students will pursue a research problem culminating in a written thesis that makes a significant and original contribution to the understanding of chemistry.
- Have professional development skills and knowledge. Students will attend professional meetings and make oral or poster presentations. Students will learn how to get internships in governmental labs, in industry, or in teaching. Students will learn soft skills, such as leadership, problem-solving, teamwork, communication.
- Understand and have awareness of professional, ethical and safety applications of their knowledge. Students will develop and understand the ethical and social dimension of science and the role and responsibility of chemistry for the advancement of the society. Students will learn and put into practice the expectations of responsible conduct in the professional field. Students will learn about laboratory safety and best safety practices.

# Division of Graduate Studies

---

## Krista Chronister, Vice Provost for Graduate Studies

541-346-5129

Susan Campbell Hall, first floor

1219 University of Oregon

Eugene, Oregon 97403-1219

## Graduate Council

The Graduate Council advises and makes recommendations to the vice provost for graduate studies on matters pertaining to graduate study at the University of Oregon, including changes or additions to policies and regulations governing graduate study. The council consists of a representative elected committee of 12 faculty members, two students, and the vice provost for graduate studies. The current Graduate Council membership is listed on the Division of Graduate Studies website.

## General Information

The University of Oregon offers graduate level study in a wide range of subjects. Program offerings are listed in the Graduate Majors and Specializations (p. 43) section of this catalog. For information about law degrees, see the **School of Law** section of this catalog.

Specific program requirements for most of these degrees appear in the departmental sections of this catalog; general requirements of the Division of Graduate Studies are stated in this section.

## Graduate Student Types

- Admitted Graduate Non-Degree
- Doctoral
- Exchange
- Graduate Certificate
- Graduate Microcredential
- Master's

The following student types are sunsetting and no new students will be admitted to these types:

- Conditional Master's
- Conditional Doctoral
- Post-Master's
- Pre-Master's

## Graduate Admission

### Eligibility

To be admitted to the University of Oregon for the purpose of seeking a graduate degree or graduate certificate or for enrolling in a formal non-degree graduate program, students must hold a bachelor's degree from a regionally accredited four-year college or university in the United States or its equivalent from a foreign country and must be accepted by the major department in which they propose to study. All applicants for whom English is not a native/primary language must show proof of language proficiency. Information about requirements may be found online (<https://graduatestudies.uoregon.edu/admissions/how-to-apply/>).

Students who want to earn a second bachelor's degree should not apply to the Division of Graduate Studies. They should submit an application for postbaccalaureate undergraduate student status to the Office of Admissions as described on their website (<https://admissions.uoregon.edu/other-applicants/postbaccalaureate/>).

The university's schools and departments determine their own requirements for graduate admission beyond the university's minimums.

## Application Fee

The Graduate Microcredential application fee is \$35. The application fee for all other applicants is \$70 (domestic applicants) or \$90 (international applicants). The Division of Graduate Studies offers fee waivers and discounts for applicants who meet specific criteria. More information is available here (<https://graduatestudies.uoregon.edu/admissions/how-to-apply/application-fee-waivers/>).

## Application Procedure & Requirements

Students seeking graduate admission must submit an online application. Links can be found on each program's website, or by contacting the program directly. At the time of application, applicants must submit unofficial transcripts from all colleges or universities previously attended, including the University of Oregon. Applicants who accept their offer of admission and matriculate must submit official transcripts from all colleges or universities from which they received a bachelor's degree or higher. More information is available here (<https://graduatestudies.uoregon.edu/admissions/how-to-apply/transcripts/>).

The applicant may also be asked to submit materials such as transcripts of test scores (e.g., Graduate Record Examinations, Miller Analogies Test) and letters of reference. The applicant should ascertain from the program what additional materials, if any, are expected and submit them in the manner described by the program. In some cases, these materials will be collected electronically as part of the online application.

Students should become familiar with these requirements before applying and address inquiries about graduate admission to the department or school in which they plan to study, not to the Division of Graduate Studies or to the Office of Admissions.

A student who has been admitted to a graduate program and wants to enter a different graduate program must apply for admission to the new program.

## Admitted Graduate Non-Degree Status Application

Applicants who wish to take graduate coursework but do not intend to pursue a specific graduate degree must apply online. Instructions are available here (<https://graduatestudies.uoregon.edu/postbaccalaureate-graduate-status-non-degree-seeking/>).

## Language Requirement for International Graduate Employees

Graduate students who are non-native speakers of English who have been hired in teaching positions are required to demonstrate their spoken English proficiency by achieving a minimum score on the Test of Spoken English (TSE), the speaking component of either the Internet-based TOEFL, or the academic version of the International English Language Testing System (IELTS) test. Graduate employees who do not meet the minimum score for these tests must take the UO Speaking Proficiency

English Assessment Kit (SPEAK) Test upon their arrival on campus. More information about the GE language requirement is available on the Division of Graduate Studies website.

International students who want instruction in English as a second language before beginning their studies at the University of Oregon or another university in the United States may enroll in the American English Institute. For more information, visit [aei.uoregon.edu](http://aei.uoregon.edu) (<http://aei.uoregon.edu>).

## Course Numbering System

### 500–599

Courses that offer graduate-level work in classes that may also include undergraduate students.

### 600–699

Graduate courses for graduate students only.

### 700–799

Except in the School of Music and Dance, courses of a highly technical nature that count toward a professional degree only, not toward advanced academic degrees such as an MA, MS, or PhD. Both 600- and 700-level courses with the MUP subject code denote graduate courses that apply toward advanced academic degrees in the School of Music and Dance.

### 503, 507, 508, 510, 601–610, 704–710

Graduate and professional courses that may be repeated for credit under the same number.

## General Requirements and Policies

Students are responsible for staying informed about, and complying with, departmental regulations as well as Division of Graduate Studies regulations.

### Course Registration Requirements and Limits

Graduate students may enroll for up to 16 credits during the initial registration period. Beginning Friday prior to fall term classes (and beginning two weeks prior to winter and spring terms), graduate students may increase their enrollment to a maximum of 18 credits.

Students who enroll for more than 16 credits will be billed additional tuition.

In summer term, graduate students are limited to 16 hours.

Students who wish to enroll for more than 18 credits (or 16 credits in summer) are required to submit a general petition form to the Division of Graduate Studies.

For the term in which a degree is granted, graduate students must register for at least three graduate credits. If submitting a master's degree thesis in this final term, registration must include at least one of the three credits as Thesis (503)—see master's policies.

If a doctoral dissertation is being completed, registration must include no fewer than three credits of Dissertation (603) in the term of graduation—see Doctoral policies.

Exceptions may be made depending on the timing of the submission of the thesis or dissertation; see Division of Graduate Studies website for details.

Doctoral students who have advanced to candidacy are considered to be full-time enrolled when registered in a minimum of three credits of Dissertation (603). However, various on-and off-campus agencies and offices have their own course-load requirements.

For example, GEs must register for and satisfactorily complete at least nine graduate credits each term. Some agencies offering student loans also set registration requirements.

Because the minimum registration requirements for the Division of Graduate Studies may not satisfy some agency requirements, it is the student's responsibility to register for the required number of credits based on their individual situation. The Office of the Registrar can certify a student's registration.

Doctoral students that have not advanced to candidacy and master's students are considered to be full-time enrolled when registered in a minimum of nine graduate credits.

Examples of minimum enrollment requirements:

### Graduate Employees

- Nine graduate credits toward the degree

### International Student Visa Holders

- Nine credits for master's students and doctoral students not yet advanced to candidacy
- Three credits of 603 Dissertation for advanced doctoral students.
- International students should request information from International Student and Scholar Services about immigration and naturalization regulations and minimum credit requirements.

### Federal Financial Aid and Federal Loan Deferment

- Five credits for master's students and doctoral students not yet advanced to candidacy
- Three credits of 603 Dissertation for advanced doctoral students.

As previously noted, these guidelines are examples. Please contact the Office of Financial Aid and Scholarships for accurate confirmations of eligibility.

### Advancement and Financial Aid

Once formally advanced to candidacy, doctoral students receive email confirmation of their advancement from the Division of Graduate Studies. Students are not considered advanced to candidacy prior to receiving this email.

While the advancement is tied to an academic term and not a specific date, the financial aid office adheres to date-based timelines for disbursement of loans.



Students should be advanced prior to the disbursement date in order to be full-time eligible for aid while registered for three credits of 603 Dissertation.

Contact the Office of Financial Aid and Scholarships for more information.

# International student visa holders should confirm their eligibility by contacting both the Division of Graduate Studies and the Division of Global Engagement.

## Reservation of Graduate Credit: Permission to Register for Graduate Credit

An undergraduate student must request permission to register for a graduate-level course. The student must file a Reservation of Graduate Credit form with the Division of Graduate Studies by Wednesday of week 1 of the term in which they want to enroll in the graduate course. The form is available on the Division of Graduate Studies website. Two options are available for disposition of course credits.

Note: These options do not apply to students participating in an Accelerated Master's Program (AMP). AMP students should refer to Accelerated Master's Program policies for information about taking graduate classes while classified as an undergraduate.

### Option 1

Include the graduate-level course in requirements for the bachelor's degree. To be eligible, the student must be admitted as an undergraduate and have earned a minimum GPA of 3.00 in each of the three terms prior to enrolling in the graduate course. Non-admitted non-degree seeking students are ineligible for this status. Undergraduates receiving less than a grade of B in a graduate-level course will be ineligible for further enrollment in graduate-level course work.

### Option 2

Reserve the graduate-level course for consideration by a department after admission as a graduate student. This option is available to seniors only and is limited to a maximum of three graduate courses not exceeding a total of 12 credits. To be eligible, the student must have earned a minimum GPA of 3.00 in each of the three terms prior to enrolling in the graduate course. Non-admitted non-degree seeking students are ineligible for this status. Undergraduates receiving less than a grade of B in a graduate-level course will not be allowed to use the course toward a master's degree, and will be ineligible for further reservations of graduate credit.

Undergraduates do not qualify to receive credits for the following graduate classes: Research (601), Internship (604), Reading and Conference or Special Problems (605), Field Studies or Practicum (606), Workshop or Laboratory Projects (508 or 608), and Terminal Project or Capstone (609).

## Course Enrollment for Faculty and Staff Members

Faculty and staff members who want to take graduate courses should refer to the Human Resources office for information about regulations and fees.

Faculty members (including officers of administration) may not pursue an advanced degree in the department in which they hold an appointment. To pursue a degree in another department, they must submit a petition to the vice provost for graduate studies for approval. More information about

the petition process is available on the Division of Graduate Studies website.

## Joint-Campus Program

Graduate students at the university may, with advisor and departmental approval, take graduate courses at Portland State University or Oregon State University. A student registers for these courses with the University of Oregon registrar, who records each grade on the academic record under Joint Campus Experimental Course: [Topic] (JC 610). A maximum of 15 credits taken under the joint campus program may be applied toward a graduate degree program. Joint campus course work counts toward the 24 graded credits required for the master's degree. Additional information about eligibility and restrictions are available on the Division of Graduate Studies website. Forms are available in the Office of the Registrar.

## WICHE Regional Graduate Programs

The Western Interstate Commission for Higher Education (WICHE) coordinates a graduate exchange program, the Western Regional Graduate Program (WRGP), to enable students from Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming to apply for admission to selected professional programs and, if admitted, to be treated as resident students for tuition purposes.

The University of Oregon currently has a WRGP program in historic preservation. For information, visit the website (<https://archenvironment.uoregon.edu/hp/>).

WGRP certification must be renewed each academic year.

## Grade Requirements

Graduate students must maintain at least a 3.00 grade point average (GPA) in graduate courses taken in the degree program. Grades of D+ or less for graduate courses are not accepted for graduate credit but are computed in the GPA. Similarly, the grade of N (no pass) is not accepted for graduate credit. A grade of pass (P) must represent work equal to or better than a B–.

A GPA below 3.00 at any time during a graduate student's studies or the accumulation of more than 5 credits of N or F grades—regardless of the GPA—is considered unsatisfactory. Accumulation of more than 7 credits of Incomplete is also considered unsatisfactory. Students found to be not making satisfactory progress may be placed on academic warning or academic probation, and may be dismissed from the program if improvement is not made. Additional satisfactory progress requirements and procedures may be found on the Division of Graduate Studies website.

## Incompletes

There are two sets of policies regarding incompletes in graduate courses: (1) Department/Program policies as outlined in the program's graduate student handbook; and (2) University policies as outlined below. Graduate students should become familiar with both.

### University Policy for Incompletes Assigned Fall 2022 or Later

Effective Fall 2022, students and faculty members must file an Incomplete Request Form to request a grade of Incomplete. Policy and procedure details, including the link to the request form, are available

on this page (<https://registrar.uoregon.edu/current-students/incomplete-policy/>).

### University Policy for Incompletes Assigned Prior to Fall 2022

For Incompletes assigned in graduate courses prior to Fall 2022, Division of Graduate Studies policy requires that graduate students must convert a graduate course grade of Incomplete ("I") into a passing grade within one calendar year of the term the course was taken.

After one year, the student must petition the Division of Graduate Studies for the removal of an incomplete.

A petition to remove an incomplete (<https://graduatestudies.uoregon.edu/sites/default/files/forms1/remove-incomplete.pdf>) must meet all the following criteria to be eligible for Division of Graduate Studies approval:

1. The incomplete must be no more than seven years old.
2. The student must have the approval of the instructor to complete the outstanding course requirements.
3. The student must not have completed a terminal graduate degree since the term of enrollment in the course.

Incompletes that remain on the academic record after a degree has been awarded may not be removed.

All coursework documented on the transcript at the time of the awarding of a degree stands as a permanent record and it is not permissible to revise the record.

An incomplete, "I", assigned to Research (601) or Terminal Project (609, AAAP 611, ARCH 619, BA 740, CRES 611, IARC 611, LA 699, LT 611) does not require a petition.

Thesis (503) and Dissertation (603) credits should be assigned a grade of "P" for students making satisfactory progress. An "I" grade should only be assigned for students who did work of acceptable quality during the term, but some component of the work was not completed within the timeframe expected.

Research and Terminal Project credits are converted after the instructor submits a Supplementary Grade Report to the Office of the Registrar.

## Continuous Enrollment

Unless leave status has been approved, a student in an graduate degree or certificate program must remain in continuous enrollment at the university, taking at least 3 graduate credits each term, until all the program's requirements have been completed. Registration for summer term is not required unless the student is using university facilities or faculty or staff services. Failure to maintain continuous enrollment effectively withdraws the student from graduate status. See Reinstatement (p. 644).

## On-Leave Status

A graduate student interrupting a study program for one or more terms, excluding summer session, must apply for on-leave status to ensure a place upon return. Only graduate students in good standing are eligible for on-leave status, except by petition and with the support of the student's academic department or program.

The Division of Graduate Studies must receive the application by the last day of finals week of the term the leave begins. Leave status is granted for a specified period excluding summer session. Students with approved

leave status should not use university facilities or faculty or staff services during the on-leave term and therefore need not pay tuition or fees.

On-leave status does not extend the seven-year deadline except when the leave is for the student's serious health or medical condition or for parenting needs during the 12 months immediately following a child's birth or placement in the home.

## Master's Students

Master's students, except summer-only students, may apply for a maximum of three academic terms of on-leave status during the course of study for the degree. A master's student who attends the university only during summer session must obtain on-leave status for each ensuing school year. These summer students also must complete all degree requirements within the seven-year time limit.

## Doctoral Students

Doctoral students may apply for a maximum of six academic terms of on-leave status during the course of study for the degree. See Continuous Enrollment (p. 650) under Doctoral Degrees.

Additional details about on-leave status and how to apply are available on the Division of Graduate Studies website.

## Reinstatement

A graduate student who fails to maintain continuous enrollment or obtain on-leave status is required to file a Petition for Reinstatement form, available on the Division of Graduate Studies website. The petition is reviewed by the student's academic program and the Division of Graduate Studies. The student may, at the discretion of the department, be required to meet departmental admission policies and degree completion requirements that are in effect on the date of reenrollment. Doctoral students may, at the discretion of the department, be required to complete the doctoral residency requirement again. They may also be required to retake the comprehensive examinations if completed prior to stopping out, if the department feels that this is necessary in order to demonstrate currency of knowledge.

Review of the Petition for Reinstatement may result in a change of residency status from resident to nonresident for purposes of tuition assessment if the student has not maintained residency in Oregon. More information is available from the residency officer in the Office of Admissions.

## Graduate Residency

Each graduate degree at the University of Oregon has a residency requirement that dictates how much of the work required for that degree must be completed at the University of Oregon. Please refer to the **Master's Degrees** and **Doctoral Degrees** sections below for details about residency requirements for each type of degree.

## Waiver of Regulations

Graduate students may file a petition requesting exemption from any academic requirement. The petition must first be submitted to the student's home academic program for review and supporting statement. The Division of Graduate Studies then reviews the educational purpose the regulation in question was designed to serve. Petitions are seldom granted if the only reason given is to save the student from inconvenience or expense.

Division of Graduate Studies petition forms are available on the Division of Graduate Studies website.

## Research Compliance

University policy requires that students who intend to engage in research involving human or animal subjects have their research procedures approved before they begin to collect data. Researchers who want to use human subjects may obtain protocol forms and procedures from the Research Compliance Services website (<https://research.uoregon.edu/about/administrative-units/research-compliance-services/>). Researchers who want to use vertebrate animals may obtain protocol forms and procedures from the Animal Welfare Services website (<https://aws.uoregon.edu/>).

## Graduate Tuition, Fees, and Financial Aid

### Tuition and Fees

Graduate tuition varies by program. Please refer to the Office of the Registrar's website for the current tuition and fees schedule: <https://registrar.uoregon.edu/tuition-fees/graduate> (<https://registrar.uoregon.edu/tuition-fees/graduate/>).

### Fellowships and Financial Aid

Financial aid is available through graduate employee (GE) opportunities and research fellowships, training grant stipends, scholarships, work-study, loans, and part-time jobs. GEs are available to qualified graduate students who are enrolled in a graduate degree program. Inquire at the department for specific application deadlines. All GEs—research, teaching, and administrative—are represented by the Graduate Teaching Fellows Federation (GTFF), American Federation of Teachers, Local 3544. Recruitment and selection follow established published procedures from departments and the provisions of the GTFF collective bargaining agreement. Details of appointment procedures are available from the departments. Reappointment is subject to departmental policy but is always contingent upon making satisfactory progress toward the degree.

Nearly all the schools and departments award graduate employee (GE) opportunities. Salaries vary by department, and also depend on the student's past degrees and status within their academic program. More information about salary is available on the Division of Graduate Studies website. The minimum appointment is 0.20 FTE (Full Time Equivalent) and the maximum appointment is .49 FTE. Graduate employees (GEs) must be enrolled in an graduate degree program and must register for and complete a minimum of 9 graduate credits toward the degree each term. Audited courses do not count toward this requirement. Tuition for up to 16 credits a term, a health insurance premium subsidy, and mandatory fees subsidy are provided by the university. Failure to enroll for and complete the minimum of 9 credits a term may nullify an appointment.

Nonnative speakers of English who accept teaching-related GE positions must demonstrate appropriate English language proficiency. See "Language Requirement for International Graduate Employees" above.

### Fellowships from Other Sources

Graduate students may be eligible for fellowship awards granted by federal agencies and private foundations. Information on internal and external funding opportunities is available on the website (<http://research.uoregon.edu/>) for the Office of the Vice President for Research and Innovation.

research.uoregon.edu/) for the Office of the Vice President for Research and Innovation.

## Postdoctoral Fellowships

The University of Oregon participates in several postdoctoral fellowship programs and provides facilities for postdoctoral study under faculty supervision. More information is available from individual schools and departments. Additional resources for postdoctoral fellows can be found on the Division of Graduate Studies website.

## Other Financial Assistance

Some forms of financial aid depend on financial need, defined as the difference between the cost of attending an institution and the amount the student and his or her family can contribute toward these expenses. See the Student Financial Aid and Scholarships (p. 31) section of this catalog for information about available aid and application procedures.

## International Students

International students may work on campus during the school year but should not expect to work off campus. Those who hold student (F-1) visas are expected to have sufficient funds for the period of their studies. Their dependents are not usually allowed to work. However, if it is necessary for a dependent to work, students should contact International Student and Scholar Services in the Division of Global Engagement.

International students are eligible for institutionally supported teaching and research fellowships described above.

## Master's Degrees

Master's degree candidates must fulfill the requirements of the Division of Graduate Studies, which are listed below. Students must also complete the additional requirements set by the school or department in which the degree is to be awarded. These are described in the departmental sections of this catalog.

### Credit Requirements

To earn a master's degree, students must complete a program of study totaling no fewer than 45 graduate credits. As noted above, some departments require more than 45 credits.

- The credits must be taken after admission to the master's degree program or approved for transfer (see **Transferred Credit** (p. 646) below).
- Of the total, 24 credits must be in graded courses taken at the UO and passed with a grade point average (GPA) of 3.00 or better.
- A minimum of 30 credits in the major are required for a master's degree with a departmental major.
- At least 9 credits in courses numbered 600–699 must be taken in residence at the University of Oregon. The master's program in Economics is exempt from this requirement.
- Students working toward a master's degree with thesis must register for a minimum 9 credits of Thesis (503). Credit for thesis is given pass/no pass.

## Language Requirements

There is no university-wide language requirement for master's degrees. Departments and programs have the option of requiring or not requiring one or more languages other than English (LOTE). If one or

more languages are required, the degree-granting unit is responsible for monitoring and enforcing that requirement.

## Second Master's Degree

Students who earned the first master's degree from the University of Oregon may earn a second master's degree in another field by taking at least 30 graduate credits, of which 24 must be in courses taken for letter grades, after official admission as a master's degree candidate in the new major at the university. This provision does not apply to a second master's degree in the Interdisciplinary Studies Program (ISP). Although the second master's degree may be permitted with reduced credits, complete records of the student's graduate-level study must reflect the equivalent of all requirements for completion of the degree as described in the University of Oregon Catalog. Schools and departments may require more than this 30-credit minimum or deny the request. If the first master's degree is from another institution, the second master's degree program must comply with the standard university master's degree requirements (a minimum of 45 credits). Students pursuing two graduate degrees at the same time must file a concurrent degree form, available on the Division of Graduate Studies website.

## Accelerated Master's Programs (AMPs)

The Division of Graduate Studies offers exceptional undergraduate students in selected majors the opportunity to earn both a bachelor's degree and master's degree in as few as 5 years. Accelerated Master's Programs (AMPs) are for high-achieving undergraduates in participating majors who plan to continue in a master's program. To determine if this is an option in your major, see the list of currently approved AMPs on the Division of Graduate Studies website.

Each AMP sets its own admission criteria and internal admissions processes. Interested students should inquire with the program offering the AMP regarding admission.

AMP Policies:

- Students must be classified as Juniors or Seniors in order to apply to an AMP.
- AMP students must be classified as Seniors in order to begin taking graduate-level courses.
- Typically, AMP students may take up to 24 graduate credits while classified as undergraduates, some of which may be used toward both bachelor's and master's degree requirements. However, AMP requirements and credit limits vary from program to program. Check with the department offering the AMP for more information about requirements specific to that program.
- Students will be charged at the undergraduate rate and retain eligibility for undergraduate scholarships during this transition year.
- Students will be considered undergraduates until the bachelor's degree is conferred, at which point they will be officially admitted as master's students, be charged at the graduate tuition rate, and be eligible for graduate assistantships.
- While classified as undergraduates, even if taking graduate classes, students will be subject to all undergraduate policies, including Academic Standing rules for undergraduate students.
- Students who have been accepted to an accelerated master's program must complete all of their bachelor's degree requirements and graduate within 12 months of the first day of the quarter in which they begin taking graduate courses as part of the accelerated program. Students who fail to do so will undergo a progress review and may be dismissed from the AMP.

- A student who is admitted to an AMP and subsequently decides not to continue into the master's program may still count up to 24 graduate credits earned as an undergraduate toward the bachelor's degree, but they may not use those graduate credits toward a UO graduate degree should they decide to return to the UO at a later date.
- 400-level courses will not be allowed to count toward minimum master's degree requirements, even by petition and even if the associated 500-level course would have been accepted toward master's degree requirements. In the case of a student who has already taken a 400-level course and the corresponding 500-level course is required for the master's degree, the student may be required to take the 500-level course. Once accepted to an accelerated master's program, the designated AMP coordinator for the program should work closely with students to ensure registration in the appropriate graduate-level courses.

## Time Limit

Students must complete all work for the master's degree within seven years, including transferred credits, thesis or terminal project, and all examinations. On-leave status does not extend the seven-year deadline except when the leave is for the student's serious health or medical condition or for parenting needs during the 12 months immediately following a child's birth or placement in the home.

## Residency and Enrollment Requirements

For a master's degree, the Division of Graduate Studies requires that a minimum of 30 credits (applicable to degree requirements) be taken at the University of Oregon during at least two terms of study. A second University of Oregon master's degree also requires a minimum of 30 credits and at least two terms of study at the University of Oregon. Individual schools or departments may have additional residence requirements.

Students enrolled in a graduate degree program must attend the university continuously, except for summers, until all the program's requirements have been completed, unless on-leave status has been approved. For more information, see Course Registration Requirements and Limits (p. 642), Continuous Enrollment (p. 644), Graduate Residency (p. 644), and On-Leave Status (p. 644) under General Requirements and Policies.

## Transferred Credit

### Graduate Credit from Other Institutions

Graduate credit earned while enrolled as a graduate student at another accredited college or university may be counted toward the master's degree under the following conditions:

1. Total transferred credits may not exceed 15 credits
2. Courses must be relevant to the degree program as a whole
3. The student's home department and the Division of Graduate Studies must approve the transfer
4. Grades earned must be A+, A, A-, B+, B, or P
5. The courses may not have been used to satisfy the requirements for another degree
6. Transfer courses are subject to the seven-year limit for degree completion



Transferred credit may not be used to meet the requirement of 24 credits in University of Oregon graded graduate courses, nor are they used in computing the UO cumulative GPA.

## Transfer of Reserved Graduate Credit

Undergraduates who completed graduate-level courses at the University of Oregon under the Reservation of Graduate Credit petition process and who reserve the courses by choosing Option 2 on the petition form may apply up to 12 credits toward the master's degree.

Course work taken for letter grades (B or better) and P/N courses, if accompanied by the instructor's statement that the passing grade was equal to a B or better, is eligible for consideration. If approved, these courses can be used to satisfy relevant university master's degree requirements. A Request for Transfer of Graduate Credit form (available on the Division of Graduate Studies website) must be filed within two terms of acceptance into a master's degree program and within two years of earning the bachelor's degree. Any credits transferred under this option fall within the 15-credit transfer maximum.

## Other University of Oregon Transferred Credit

A maximum of 15 graduate credits earned at the University of Oregon while classified as a graduate postbaccalaureate student, a non-admitted non-degree seeking graduate student, or a student earning a graduate certificate may later be counted toward the master's degree (see Graduate Student Types (p. 641) under Division of Graduate Studies), pending school or department endorsement and Division of Graduate Studies approval. This is within the overall 15-credit maximum for transfer. Grades earned must be A+, A, A–, B+, B, or P. A Request for Transfer of Graduate Credit form (available on the Division of Graduate Studies website) must be approved for credits completed under these classifications to be applied to degree requirements.

## Examinations and Thesis

The student's major school or department may require qualifying, comprehensive, or final examinations or any combination of these. The content and methods of conducting such examinations are the responsibility of the school or department.

In some fields, master's degree candidates must submit a thesis; in others the thesis is optional. A student who writes a thesis must complete the following procedures:

1. Request information from the major school or department about the various steps involved and the standards expected
2. Consult the Thesis and Dissertation Style and Policy Manual, available on the Division of Graduate Studies website. Only theses that meet the standards of style and form discussed in that manual are accepted

The advisory committee, appointed by the department, determines the work to be completed in light of the student's academic background and objectives. The number of committee members is determined by the department. The advisor is expected to be a member of the regular faculty, tenured or tenure-track.

## Research Compliance

See Research Compliance (p. 645) in the **General Requirements and Policies** section of this catalog.

## Summary of Division of Graduate Studies Requirements

The following outline lists minimum Division of Graduate Studies requirements for master's degrees. Specific departmental requirements must also be met before the student is awarded an advanced degree. Credit requirements listed below must be met with graduate credits.

|                                           |             |
|-------------------------------------------|-------------|
| Minimum GPA                               | 3.00        |
| Minimum thesis credits*                   | 9 credits   |
| Time limit for program completion         | Seven years |
| Total credit minimum                      | 45 credits  |
| Registration minimum per term             | 3 credits   |
| Minimum graded credits taken in residence | 24 credits  |
| Minimum 600 level credits in residence**  | 9 credits   |
| Minimum credits in major                  | 30 credits  |
| Minimum credits taken at UO               | 30 credits  |

\*The school or department specifies whether a thesis is mandatory or optional; however, a student writing a thesis must register for at least 9 credits in Thesis (503).

\*\*The master's degree in Economics is exempt from the 600-level course requirement.

## Interdisciplinary Master's Degree Programs Interdisciplinary Studies Program

The Interdisciplinary Studies Program (ISP) is the university's most flexible interdisciplinary program leading to MA and MS degrees. The program is designed for students with specific, well-articulated goals that cannot be reached through established departmental programs. Although flexibility is allowed in program design, the program must be composed of existing graduate courses from two or three approved master's degree programs. Detailed requirements are available on the Division of Graduate Studies website.

Guidelines in the ISP include the following:

1. A maximum of 15 credits may be used from practicum, field studies, research, and reading and conference courses. Such credit must be distributed across the different areas of the program
2. The terminal project or thesis consists of 9 credits in either Terminal Project (IST 609) or Thesis (IST 503)
  - a. At least 30 of the 45 minimum credits for the degree must be taken after the candidate is admitted to the IS program

Admission is selective. Acceptance into the program is based on background qualifications, the statement of purpose, and the appropriateness and availability of courses and advisors at the university. An applicant who has been denied admission to a departmental graduate program at the university must have departmental permission to use that department as a program area.

Approval must be obtained in writing from each of the two or three advisors, indicating their willingness to serve and their approval of the Tentative Program of Study. One of the advisors must be designated as chair. Prior to being offered admission, approval is also required from the department head or director of graduate studies from each department included in the applicant's program of study. Subsequent changes in



the program must be approved by both the advisor in the area involved and the ISP director. More information about the ISP is available on the Division of Graduate Studies website.

## Interdisciplinary Studies Program

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- **Integration of Disciplinary Knowledge:** Develop the ability to synthesize knowledge and methods from multiple disciplines to create new knowledge and research questions and address complex problems.
- **Critical Thinking:** Enhance critical thinking skills necessary for comprehending, analyzing and evaluating information, theories, and methodologies across different disciplines.
- **Communication:** Improve oral and written communication skills to effectively consider and convey complex ideas to diverse audiences in a clear and coherent manner.
- **Research Methods:** Acquire proficiency in interdisciplinary research methodologies, including data collection, analysis, and interpretation, in order to conduct rigorous interdisciplinary research projects.
- **Interdisciplinary Collaboration:** Foster skills to dialogue and work collaboratively with individuals from different disciplines and communities.
- **Creative Problem-Solving:** Cultivate innovative and creative thinking skills to generate novel, interdisciplinary solutions to complex problems.
- **Self-Reflection and Intellectual Growth:** Encourage self-reflection and personal growth as an interdisciplinary scholar, and cultural being living within multiple social contexts, recognizing strengths and areas for improvement, and engaging in continuous intellectual development.

## Requirements

The Interdisciplinary Studies Program (ISP) requires a total of at least 45 graduate credits; a minimum of 12 graduate credits in each of two focal departments; a minimum of 12 graduate credits from any department(s); and 9 graduate credits for an integrated terminal project or thesis determined by the student and advisors during the course of study.

Guidelines in the ISP program include the following:

1. A maximum of 12 credits may be used from practicum, field studies, research, and reading and conference courses. Such credit must be distributed across multiple focal departments (i.e., one focal department cannot consist entirely of these individualized credits)
2. 9 credits selected from either Terminal Project (IST 609) or Thesis (IST 503)
3. At least 30 of the 45 minimum credits for the degree must be taken after the candidate is admitted to the ISP program

## Education Specialist Degrees

Education Specialist (EdS) degree candidates must fulfill the requirements of the Division of Graduate Studies, which are listed below. Students must also complete the additional requirements set by the school or department in which the degree is to be awarded. These are described in the departmental sections of this catalog.

## Summary of Division of Graduate Studies Requirements

The following outline lists minimum Division of Graduate Studies requirements for EdS degrees. Specific departmental requirements must also be met before the student is awarded a graduate degree. Credit requirements listed below must be met with graduate credits.

|                                           |             |
|-------------------------------------------|-------------|
| Minimum GPA                               | 3.00        |
| Time limit for program completion         | Seven years |
| Total credit minimum                      | 45 credits  |
| Registration minimum per term             | 3 credits   |
| Minimum graded credits taken in residence | 27 credits  |
| Minimum 600 level credits in residence    | 30 credits  |
| Minimum credits in major                  | 30 credits  |
| Minimum credits taken at UO               | 30 credits  |

### Language Requirement

There is no language requirement for the Education Specialist degree unless the department offering the degree so specifies.

## Time Limit

Students must complete all work for the EdS degree within seven years, including transferred credits and all other requirements. On-leave status does not extend the seven-year deadline except when the leave is for the student's serious health or medical condition or for parenting needs during the 12 months immediately following a child's birth or placement in the home.

## Residency and Enrollment Requirements

For an EdS degree, the Division of Graduate Studies requires that a minimum of 30 credits (applicable to degree requirements) be taken at the University of Oregon during at least two terms of study. Individual schools or departments may have additional residence requirements.

Students enrolled in a graduate degree program must attend the university continuously, except for summers, until all the program's requirements have been completed, unless on-leave status has been approved. For more information, see Course Registration Requirements and Limits (p.     ), Continuous Enrollment (p. 644), Graduate Residency (p. 644), and On-Leave Status (p. 644) under General Requirements and Policies.

## Transferred Credit

### Graduate Credit from Other Institutions

Graduate credit earned while enrolled as a graduate student at another accredited college or university may be counted toward the EdS degree under the following conditions:

1. Total transferred credits may not exceed 15 credits
2. Courses must be relevant to the degree program as a whole
3. The student's home department and the Division of Graduate Studies must approve the transfer
4. Grades earned must be A+, A, A-, B+, B, or P
5. The courses may not have been used to satisfy the requirements for another degree

6. Transfer courses are subject to the seven-year limit for degree completion

Transferred credit may not be used to meet the requirement of 27 credits in University of Oregon graded graduate courses, nor are they used in computing the UO cumulative GPA.

## Transfer of Reserved Graduate Credit

Undergraduates who completed graduate-level courses at the University of Oregon under the Reservation of Graduate Credit petition process and who reserve the courses by choosing Option 2 on the petition form may apply up to 12 credits toward an EdS degree.

Course work taken for letter grades (B or better) and P/N courses, if accompanied by the instructor's statement that the passing grade was equal to a B or better, is eligible for consideration. If approved, these courses can be used to satisfy relevant university EdS degree requirements. A Request for Transfer of Graduate Credit form (available on the Division of Graduate Studies website) must be filed within two terms of acceptance into an EdS degree program and within two years of earning the bachelor's degree. Any credits transferred under this option fall within the 15-credit transfer maximum.

## Other University of Oregon Transferred Credit

A maximum of 15 graduate credits earned at the University of Oregon while classified as a graduate postbaccalaureate student, a non-admitted non-degree seeking graduate student, or a student earning a graduate certificate may later be counted toward the EdS degree (see Graduate Student Types (p. 641) under Division of Graduate Studies), pending school or department endorsement and Division of Graduate Studies approval. This is within the overall 15-credit maximum for transfer. Grades earned must be A+, A, A–, B+, B, or P. A Request for Transfer of Graduate Credit form (available on the Division of Graduate Studies website) must be approved for credits completed under these classifications to be applied to degree requirements.

## Research Compliance

See Research Compliance (p. 645) in the **General Requirements and Policies** section of this catalog.

# Doctoral Degrees

## Doctor of Philosophy

The degree of doctor of philosophy (PhD) requires distinguished achievement in both scholarship and original research. The degree is granted chiefly in recognition of the candidate's high attainment and ability in a special field of an academic discipline, as shown by work on required examinations and by the preparation of a dissertation. Minimum university and school, college, or department requirements of residence and study must be satisfied. The requirements for PhD degrees established by the Division of Graduate Studies are given below. Individual programs have additional specific requirements, which are presented in the departmental sections of this catalog.

## Residency and Credit Requirements

For the PhD degree, the student must complete the equivalent of at least 81 credits of graduate-level academic work beyond the bachelor's degree over the course of at least three calendar years.

The doctoral residency requirement is as follows:

- At least 27 credits of graduate course work toward the doctoral degree must be completed at the University of Oregon while classified as a doctoral student. Course work completed as a UO master's student may count toward the doctoral residency requirement under these circumstances: (1) the master's program is in the same major as the doctoral program; (2) no more than one calendar year has lapsed between the last term of enrollment as a master's student and the start of the doctoral program
- Of these 27 credits, at least 14 credits must be in regular course work—i.e., not in individualized study credits such as Research (601), Reading and Conference (605), and Special Problems (605)
- The 18 required credits in Dissertation (603) do not count toward the residency requirement

## Transfer of Credit for Doctoral Students

There is no formal university transfer credit process for doctoral students. Each program sets its own policy regarding acceptance of transfer credits, and is responsible for tracking how transfer credits fit into departmental degree requirements. Transfer credits can only be used to meet departmental degree requirements; they cannot be used to waive or substitute for minimum Division of Graduate Studies doctoral degree requirements.

## Language Requirement

Individual departments or programs may require knowledge of a second language or of other specialized disciplines, such as computer science or statistics, as part of a PhD program. Information about these requirements is available from the department or program offering the degree.

Candidates for the doctor of philosophy degree at the University of Oregon are expected to have proficiency in at least one language in addition to English if a substantial, relevant body of literature in one or more languages exists in the candidate's specialized field of dissertation research. It is the responsibility of the candidate's advisor or doctoral committee to determine which languages the candidate is expected to know before beginning dissertation research. Guidelines for language proficiency are established by the candidate's home department or program.

## Advisory Committee

The advisory committee, appointed by the department, determines the work to be completed in light of the student's academic background and objectives. This committee usually consists of three or four members, and the student's advisor is chair.

## Examinations and Advancement to Candidacy

Every PhD student must pass comprehensive examinations (oral, written, or both) or other similar requirements set by the department that cover the primary areas of the student's program and, if applicable, any supporting area required by the department. The student is responsible for material directly covered in completed graduate courses and for additional independent study in his or her field. Students should consult their department's/program's website or graduate handbook for information about requirements for advancing to candidacy.

Within two weeks of the student meeting these requirements, the home department must submit a report via GradWeb to the Division of Graduate Studies recommending advancement to candidacy.

## Dissertation

All PhD candidates must submit a dissertation based on independent and original research. The dissertation must contribute significantly to knowledge, show a mastery of the literature of the subject, be written in acceptable literary style, and conform to the standards outlined in the University of Oregon Thesis and Dissertation Style and Policy Manual. The manual is available from the Division of Graduate Studies website. Doctoral dissertations must be submitted electronically to ProQuest. Copyright registration is optional. Theses and dissertations completed at the University of Oregon will be available in Scholars' Bank, the UO's open-access repository for the intellectual work of its faculty, students, and staff at the University of Oregon.

## Research Compliance

See Research Compliance (p. 645) in the **General Requirements and Policies** section of this catalog.

## Dissertation Committee

Following advancement to candidacy, the candidate's department proposes the membership of the dissertation committee to the vice provost of graduate studies, who appoints the committee after approving it.

The dissertation committee consists of a minimum of four members, each with a particular role:

- Chair (<https://gradschool.uoregon.edu/academics/policies/doctoral/dissertation-committee-policy/#chair>)
- 2 Core Members (<https://gradschool.uoregon.edu/academics/policies/doctoral/dissertation-committee-policy/#core-members>)
- Institutional Representative (<https://gradschool.uoregon.edu/academics/policies/doctoral/dissertation-committee-policy/#institutional-rep>)
- Note: Committees in Biology, Chemistry and Biochemistry, and Physics also have an Advisor separate from the Chair

The chair and core members are typically from the department awarding the degree and the Institutional Representative is from another department. When appropriate, some of the home department committee members may be from another department, with the approval of the Division of Graduate Studies and the home department. The committee must be proposed to the Division of Graduate Studies no later than six months before the dissertation defense.

A detailed description of the policy on dissertation committees is available on the Division of Graduate Studies website.

## Dissertation Registration

Registration for Dissertation (603) is allowed only after the candidate has advanced to candidacy. Doctoral students must have a minimum of 18 credits of Dissertation (603) to graduate. Doctoral students are required to enroll for a minimum of 3 credits of Dissertation (603) in the term of degree completion and during any other term in which they are utilizing faculty time or university resources.

## Defense of Dissertation

A formal, public defense must take place at a date set by the committee chair and approved by the Division of Graduate Studies.

Tentative approval of the dissertation by the committee is recommended prior to formal defense. This evaluation is based on copies of the final manuscript, which the candidate provides for the dissertation committee at least three weeks before the formal defense.

The approved application for final oral defense must also be filed with the Division of Graduate Studies two weeks before the formal defense. Visit the Division of Graduate Studies website for specific instructions.

The time and place of the defense must be publicly noted. The dissertation committee must be present at the defense (with some exceptions—see the Division of Graduate Studies website for details). Remote defenses are also allowed; refer to the Division of Graduate Studies website for details.

## Completion of Dissertation

Within two weeks following the defense of the dissertation but before the dissertation is submitted to the Division of Graduate Studies, committee members must enter their approval of the defense in GradWeb, only if they have seen and approved what is substantially a final draft and if they are willing to delegate the oversight of any remaining minor revisions to the chair. If this is not the case, they should not approve the defense. Approval requires a unanimous vote. In the event of a split vote, the vice provost for graduate studies determines the review procedure after consultation with the student, the department chair (or the school or college dean), and the committee. Once the dissertation has been approved by the committee, the student must submit the dissertation electronically to the Division of Graduate Studies. Visit the Division of Graduate Studies website for deadlines and submission instructions.

## Time Limit

The seven-year time limit for completing a doctoral degree begins with the first term of admission as a doctoral student at the University of Oregon. The residency requirement, the completion of advancement to candidacy requirements, and the completion of the doctoral dissertation must all be accomplished within this seven-year period. On-leave status does not extend the seven-year deadline except when the leave is for the student's serious health or medical condition or for parenting needs during the 12 months immediately following a child's birth or placement in the home.

A petition for an extension of the period can only be considered if the student has already advanced to candidacy and has an approved dissertation proposal by the end of the seventh year. Petitions for extension of the seven-year limit may include the requirements of recompleting the doctoral residency requirement, advancement to candidacy requirements, or both. Petitions are evaluated case by case and are not automatically granted. Students on seven-year extensions must submit quarterly renewals outlining their progress before they are allowed to register for the next quarter.

## Continuous Enrollment

Unless on-leave status has been approved, a student enrolled in a doctoral program must attend the university continuously until all the program and university requirements, including submission of the dissertation to the Division of Graduate Studies, have been met. To be continuously enrolled, the student must register for 3 graduate

credits each term excluding summer sessions. See On-Leave Status (p. 644) under General Requirements and Policies.

## On-Leave Status

While on on-leave status, the doctoral candidate acknowledges that he or she is not using any university or faculty services (e.g., no examinations are being taken, no committee changes are being processed, and no dissertation chapters are being submitted for review). On-leave status maintains the student's status as a degree candidate and reserves a place for dissertation supervision and other academic affairs upon the student's return to active enrollment within the seven-year time limit.

## Doctor of Education

The Doctor of Education (DEd) degree is granted in recognition of the candidate's mastery of theory, practice, and research in professional education. The general requirements for residence, dissertation, advancement to candidacy, time limit, and continuous enrollment are the same as for the PhD degree. See the College of Education (p. 503) section of this catalog for details.

## Doctor of Musical Arts

Requirements for the doctor of musical arts (DMA) degree include formal admission, proficiency and comprehensive examinations, second languages, a program of study including area of emphasis, and a dissertation, lecture document, or digital portfolio. Requirements for residence, time limit, and continuous enrollment are the same as those listed for the PhD degree. See the **School of Music and Dance** section of this catalog for details.

## Chronological Summary of Procedures Leading to Doctoral Degrees

1. **Admission**
2. **Continuous enrollment.** Students enrolled in advanced degree programs must attend the university continuously (except for summers) until all the program's requirements are completed, unless on-leave status has been approved. Minimum enrollment is 3 graduate credits a term.
3. **Course work and residence.** Student's advisory committee, appointed by the department, school, or college, determines the program, which must include at least 81 credits of accredited graduate work beyond the bachelor's degree over the course of at least three years, of which at least 27 credits must be completed at the University of Oregon, and of which 18 credits are in Dissertation (603).
4. **Second languages or other specialized knowledge.** Regulations are set by the department, school, or college.
5. **A comprehensive examination or other similar requirements** covering the major discipline advances the student to candidacy for the degree. Advancement to candidacy is completed after the majority of required course work has been completed and after most of the requirements for the degree, except completion and defense of the dissertation, have been satisfied.
6. **Appointment of dissertation committee, registration for Dissertation (603), and completion of dissertation.** The committee is appointed following advancement to candidacy and at least six months before completion of the dissertation. Typically, the committee consists of at least three members of the graduate faculty of the candidate's home department as well as an Institutional Representative who is a graduate faculty member from outside the

candidate's department. A minimum of 18 credits in Dissertation (603) are required after advancement.

7. **Application for degree** made to the Division of Graduate Studies. Deadlines and instructions are available on the Division of Graduate Studies website.
8. **Defense of dissertation.** The approved application for final oral defense must be filed with the Division of Graduate Studies no later than three weeks before the date of defense.
9. **Dissertation submission and publication.** Dissertations are submitted electronically through ProQuest. Detailed instructions are available on the Division of Graduate Studies website.
10. **Conferral of degree.** The degree is conferred at end of term in which all degree requirements are satisfied.
11. **Diploma issued.** The diploma is issued by Office of the Registrar approximately 6-10 weeks after the end of the term of degree conferral.

## Graduate Certificates

The University of Oregon offers a number of graduate certificates in specific academic and professional subjects. Students pursuing graduate certificates must be admitted to the university, but are not required to be degree-seeking.

## Admission Process

In order to pursue a graduate certificate, a student must be admitted to the University of Oregon as a graduate level student, either in a master's or doctoral program or, in the case of a stand-alone certificate program, as an admitted non-degree graduate student.

The admission process is specific to each certificate program. To get started, the student should contact the department/program offering the graduate certificate.

All students pursuing both a graduate degree and a graduate certificate concurrently must complete and submit the graduate certificate declaration form within one term after being admitted to the certificate program.

This form must be filed in the Division of Graduate Studies no later than week 5 of any term in which you want to make the change effective. Forms submitted after Week 5 of the term will automatically be considered for the next academic term.

Students pursuing only a graduate certificate do not need to complete the declaration form.

## Financial Aid and Graduate Certificates

Students pursuing a standalone graduate certificate (that is, without also being concurrently enrolled in a graduate degree program) may not access federal financial aid unless the graduate certificate program has been individually approved as Title IV aid-eligible.

Contact the department/program offering the graduate certificate to find out if it is offered as a standalone certificate and is Title IV-aid eligible.



## Important Information about Pursuing and Completing a Graduate Certificate

Graduate certificates consist of a minimum of 24 credits of graduate-level coursework taken at the UO. Specific course requirements are established by the department.

UO graduate coursework taken prior to acceptance into the certificate program may count toward certificate requirements, with approval from the department offering the certificate.

However, to be considered, such coursework must have been completed as an admitted graduate student in one of the following classifications:

- Conditional Master's
- Master's
- Conditional Doctoral
- Doctoral
- Pre-master's
- Post-master's
- Postbaccalaureate Graduate
- Admitted Non-Degree Graduate

Graduate certificate students are subject to the following general policies governing satisfactory progress:

- Continuous enrollment
- Minimum three-credit registration each term
- Maintenance of a 3.0+ cumulative GPA
- Completion of the program within seven years.
  - Note: The seven-year time period begins with the first course being used to meet certificate requirements.
- Maintaining satisfactory progress/good standing

## Graduating with the Certificate

No later than Friday of Week 2 in the term of graduation (for the graduate certificate, the graduate degree, or both the degree and the certificate), the student must apply for graduation.

No later than the term deadline in the term of graduation for the certificate, the department/program must submit a statement of completion for graduate certificate in GradWeb, as well as a hard copy of the departmental program plan indicating the courses (titles, term taken, number of credits, and grade for each) being used to fulfill the requirements of the certificate.

## Graduate Specializations

A graduate specialization is either a subdivision of a major or an interdisciplinary track in which a strong graduate-level curriculum is available.

Graduate specializations are indicated after the major on official records and transcripts once the student graduates with their primary degree.

The University of Oregon offers a number of graduate specializations in specific academic and professional subjects.

Students pursuing a graduate specialization must be admitted to a graduate degree program at the university.

## Admission/Declaration Process

In order to pursue a specialization, a student must be admitted to a University of Oregon master's or doctoral program.

The admission/declaration process is specific to each specialization. To get started, the student should contact the department or program offering the specialization.

The student must complete and submit the specialization declaration form as soon as they have been approved to pursue (or is admitted to) the specialization, but no later than the term prior to applying for graduation.

This form must be filed in the Division of Graduate Studies no later than week 5 of any term in which you want to make the change effective. Forms submitted after Week 5 of the term will automatically be considered for the next academic term.

## Important Information about Pursuing and Completing a Specialization

Specific course and credit requirements are established by the department or program at the time that the graduate specialization is established.

All specializations must consist of a minimum of 16 credits of graduate level coursework taken at the UO. All courses must be completed with grades of B or better, or P.

Coursework taken prior to declaring a graduate specialization may count toward specialization requirements, with approval from the department or program offering the specialization.

However, to be considered, such coursework must have been completed as an admitted graduate student in one of the following classifications:

- Conditional Master's
- Master's
- Conditional Doctoral
- Doctoral
- Pre-master's
- Post-master's
- Postbaccalaureate Graduate

All graduate students are subject to the following general policies governing satisfactory progress:

- Continuous enrollment
- Minimum three-credit registration each term
- Maintenance of a 3.0+ cumulative GPA
- Completion of the program within seven years
- Maintaining satisfactory progress/good standing

## Graduating with the Specialization

No later than Friday of Week 2 in the term of graduation, the student must apply for graduation online and be sure to indicate therein the graduate specialization they also plan to receive.

After the end of the term of graduation, the department or program housing the specialization must submit a statement of completion for graduate specialization in GradWeb.



The specialization will appear on the final transcript only if the above steps are taken.

## Graduate Microcredentials

Graduate Microcredentials offer specialized training that helps meet important educational and workforce needs and advance learners' knowledge and/or skill development without the commitment of a full graduate degree program.

Students pursuing graduate microcredentials are not eligible for federal financial aid or for Division of Graduate Studies scholarships.

### Student classification

Students pursuing a graduate microcredential are classified as admitted non-degree graduate students. Graduate microcredentials are only available as stand-alone credentials; students may not concurrently complete a graduate microcredential and a graduate degree or certificate.

### Minimum requirements

A graduate microcredential consists of at least 3 graduate courses totaling a minimum of 12 credits.

While enrolled in a graduate microcredential program, students are subject to all graduate student academic policies, including satisfactory progress requirements.

### Admissions

Anyone who meets the UO minimum requirements for graduate admission may apply to complete a graduate microcredential. Each program offering graduate microcredential may have additional prerequisites or eligibility requirements. Applicants apply online via the Division of Graduate Studies' application system.

### Pathway to a degree or certificate

Acceptance to pursue a UO graduate microcredential does not guarantee acceptance into a UO degree or certificate program. However, credits that a learner earns toward a graduate microcredential may later be applied to a UO master's degree, doctoral degree, or graduate certificate, depending on the program and subject to all current Division of Graduate Studies transfer credit policies.

# Physical Education

## Chantelle Russell, Associate Director

The physical education program offers physical activity courses for university students, UO faculty and staff members, and members of the Eugene-Springfield community. Physical education courses emphasize the development of physical skills, improvement in fitness levels, and the acquisition of knowledge that contributes to a healthy lifestyle and holistic well-being.

Approximately 130 courses are offered each term in a variety of activity areas—aquatics and scuba, fitness, individual activities, leadership, martial arts, mind-body, outdoor pursuits, racquet sports, running, team sports, and weight training. This ever-changing array of courses is taught by an exceptional staff of faculty members and contract employees.

Most classes meet twice a week for 1 credit. As many as 12 credits in physical education may be applied as electives to a bachelor's degree. Each term's offerings are listed in the Schedule of Classes online. Students may register for courses through DuckWeb, which is explained in the **Registration and Academic Policies** section of this catalog.

Students and members of the staff, faculty, and community may enroll in physical education courses as noncredit participants, if space is available. Noncredit participants pay the PE course fee and register online (<https://recweb.uoregon.edu/>).

Opportunities are available for students who have disabilities or who need special accommodations in order to participate in physical education courses. More information and support is available by visiting the PE and Rec website. (<https://rec.uoregon.edu/>)

## Fees for Physical Education Courses

| Course                  | Fee         |
|-------------------------|-------------|
| Activity (1 credit)     | \$90        |
| Activity (2 credits)    | \$180       |
| Outdoor pursuits        | \$105–\$200 |
| Practicum (1–3 credits) | \$40        |

Some courses require additional fees to pay for equipment, transportation, contract expenses, and certification. Fees and fee-refund schedules are printed in each term's schedule of classes.

## Faculty

Anne Borland, senior instructor (outdoor pursuits). BA 1987, Oregon. (2008)

Daniel Crowe, senior instructor (outdoor pursuits). BA, 1997, Concordia College. (2004)

David Rubino, senior instructor (individual activities, martial arts, running, team sports, weight training); assistant director. BS, 1987, State University of New York, Cortland; MA, 1988, Northern Colorado. (2001)

Joan Dobbie, senior instructor (mind body). BA, 1967, State University of New York, Potsdam. (1998)

Justine Halliwill, senior instructor (martial arts, mind body). BS, 2005, Oregon. (2005)

Linda Metzger, senior instructor (fitness). BA, 2008, Platteville; WI. (2011)

Michele Bulgatz, senior instructor (mind body). BA, 1985, California, Santa Barbara. MS, 1994, Oregon. (2001)

Michie Kawada, senior instructor (aquatics, fitness). BA, 1998, Oregon. (2002)

Nat Lundin, senior instructor (mind body). BS, 2007, Oregon. (2009)

Ryan Kelly, senior instructor (martial arts). (1999)

## Emeritae

Karla S. Rice, senior instructor emerita. BS, 1962, Central Michigan; MA, 1965, Michigan State. (1967)

Becky L. Sisley, professor emerita; athletic liaison. BA, 1961, Washington (Seattle); MSPE, 1964, EdD, 1973, North Carolina, Greensboro. (1965)

Lois J. Youngen, associate professor emerita. BS, 1955, Kent State; MA, 1957, Michigan State; PhD, 1971, Ohio State. (1960)

Michael Strong, senior instructor II emerita (outdoor pursuits). MS, 1986, University of Oregon. BS 1976, University of Alberta. (1986)

*The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.*

# Supplementary Academic Programs

---

The college experience may not be limited to what is learned solely on the university campus. Continuing and Professional Education offers options for those returning to higher education after a period away, those interested in noncredit educational opportunities, or those who seek degree credit outside the classroom. Opportunities to study abroad are available through the Division of Global Engagement for those who want to expand their intellectual and cultural horizons and to broaden their perspective of the world. For those who want to pursue a career in the military, the Department of Military Science provides opportunities to study leadership principles, military organization and history, and the place of the armed forces in serving the goals of national policy.

- Continuing and Professional Education (<https://continue.uoregon.edu/>)
- Military Science (<https://rotc.uoregon.edu>)
- Research Center and Institutes (<https://research.uoregon.edu/facilities/centers-and-institutes/ovpri-centers-and-institutes/>)
- Research Core Facilities (<https://research.uoregon.edu/facilities/research-core-facilities/>)
- Study Abroad (<https://geo.uoregon.edu/>)

# Academic Resources and Student Services

---

Administrative units at the University of Oregon provide a network of student services that support success in the classroom and challenge students to develop as individuals through an array of cocurricular experiences.

## Emergencies

Many support services, including the Office of the Dean of Students (<https://dos.uoregon.edu/>) (541-346-3216), the University Health Center (<https://health.uoregon.edu/>) (541-346-2770), and University Health Center Counseling Services (<https://counseling.uoregon.edu/>) (541-346-3227) provide emergency aid to students during regular office hours—8:00 a.m. to 5:00 p.m., Monday through Friday.

Counseling Services offers a crisis line staffed at all hours by mental health professionals, and the University Health Center offers a health nurse advice line when the center is closed (541-346-2770, then press 1). In addition, a 24-hour, round-the-clock crisis line is available for those seeking support after experiencing sexual violence (541-346-7233).

In case of any other emergency, call 911 or the UO Police Department (541-346-2919).

To help students succeed in navigating the rigors of competitive higher education, the University of Oregon offers an array of support programs and resources for dedicated scholars in their quest for academic excellence.

- ASUO (<https://asuo.uoregon.edu/>)
- Counseling Services (<https://counseling.uoregon.edu/>)
- Dean of Students (<http://dos.uoregon.edu>)
- The Duck Store (<https://www.uoduckstore.com/>)
- Erb Memorial Union (<https://emu.uoregon.edu/>)
- GlobalWorks International Internships (<https://globalworks.uoregon.edu/>)
- Graduate Student Services (<https://graduatestudies.uoregon.edu/onestop/>)
- Health Services (<https://health.uoregon.edu/>)
- Information Services (<http://is.uoregon.edu>)
- International Student and Scholar Services (<http://isss.uoregon.edu>)
- Investigations and Civil Rights Compliance (<https://investigations.uoregon.edu>)
- Division of Global Engagement (<http://international.uoregon.edu>)
- Labor Education and Research Center (<http://lerc.uoregon.edu>)
- Libraries (<http://library.uoregon.edu>)
- Mills International Center (<http://mills.uoregon.edu>)

## Museums

- Condon Collection of Fossils (<https://earthsciences.uoregon.edu/condon-fossil-collection/>)
- Jordan Schnitzer Museum of Art (<https://jsma.uoregon.edu>)
- Museum of Natural and Cultural History (<https://mnch.uoregon.edu>)
- Orientation (<https://orientation.uoregon.edu/>)
- Physical Education and Recreation (<http://rec.uoregon.edu>)
- Police Department (<http://police.uoregon.edu>)
- Student Alumni Association (<https://www.uoalumni.com/s/1540/uosaa/it21/home.aspx?sid=1540&gid=3&pgid=615>)
- Student Housing (<http://housing.uoregon.edu>)
- Testing Center (<http://testing.uoregon.edu>)
- Transportation Services (<https://transportation.uoregon.edu>)
- University Career Center (<https://career.uoregon.edu>)
- University of Oregon in Portland (<http://pdx.uoregon.edu>)
- Work-Life Resources (<http://hr.uoregon.edu/worklife/>)

# Undergraduate Education and Student Success

---

Undergraduate Education and Student Success, a division of the Office of the Provost, offers programs that enrich the academic life of all undergraduate students. Under the leadership of the vice provost for undergraduate education and student success, the division promotes

- a campus culture of intellectual curiosity and engagement
- opportunities for students at all levels to be creative and to work in close association with outstanding faculty members
- a coherent approach to general education

The central responsibility of the division is to introduce students to the university and the world of ideas, supporting those who are curious and intellectually vigorous regardless of their cultural background or socioeconomic circumstances.

**Accessible Education** (<https://uess.uoregon.edu/divisions-work-0/#aec>)

**Advising** (<https://uess.uoregon.edu/divisions-work-0/#advising>)

- Center for Multicultural Academic Excellence
- Office of Academic Advising
- TRIO Student Support Services
- Tykeson College and Career Advising
- Pathway Oregon

**First Year and Transition Student Experience** (<https://uess.uoregon.edu/divisions-work-0/#Fyp>)

- First Year Programs
- Student Academy to Inspire Learning
- Common Reading

**Undergraduate Curriculum and Academic Support** (<https://uess.uoregon.edu/divisions-work-0/#curriculum>)

- Tutoring and Academic Engagement Center

**Undergraduate Research and Distinguished Scholarships** (<https://uess.uoregon.edu/divisions-work-0/#research>)

- Academic Residential Research Initiatives
- Center for Undergraduate Research and Engagement
- Undergraduate Research Symposium
- Office of Distinguished Scholarships
- McNair Scholars Program
- Phi Beta Kappa
- DuckRISE Program

**Student Success Initiatives** (<https://uess.uoregon.edu/divisions-work-0/#success>)

- Student Success Summit



# Veterans Affairs

## Veterans Affairs

**Julia Pomerenk, University Registrar**

541-346-3119

220 Oregon Hall

The Office of Veterans Affairs, a unit within the Office of the Registrar, helps eligible student veterans, reservists, and dependents obtain educational benefits in compliance with the procedures and regulations of the United States Department of Veterans Affairs (VA). The office provides basic information about educational benefits administered by the VA and also those provided by Oregon state laws.

Eligible students should contact the office by telephone, e-mail, or mail as soon as they are admitted to the university. The mailing address is Office of the Registrar, 5257 University of Oregon, Eugene, Oregon 97403-5257. The office is open from 8:00 a.m. to 5:00 p.m., Monday through Friday.

### **Veterans Access, Choice, and Accountability Act of 2014**

### **Veterans Health Care and Benefits Improvement Act of 2016**

### **Department of Veterans Affairs Expiring Authorities Act of 2018**

### **Isakson and Roe Veterans Health Care and Benefits Improvement Act of 2020**

### **Colonel John M. McHugh Tuition Fairness for Survivors Act of 2021**

The following individuals shall be charged the in-state rate, or otherwise considered a resident, for tuition and fees purposes:

- A veteran using educational assistance under either Chapter 30 (Montgomery GI Bill®—Active Duty Program) or Chapter 33 (Post-9/11 GI Bill®), of Title 38, United States Code, who lives in the state of Oregon while attending the University of Oregon (regardless of his or her formal state of residence).
- Anyone using transferred post-9/11 GI Bill® benefits (38 U.S.C. § 3319) who lives in the state of Oregon while attending the University of Oregon (regardless of his or her formal state of residence).
- Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship [38 U.S.C. § 3311(b)(9)] who lives in the state of Oregon while attending the University of Oregon (regardless of his or her formal state of residence).
- Anyone using educational assistance under Chapter 31, Veteran Readiness and Employment, who lives in the state of Oregon while attending the University of Oregon (regardless of his or her formal state of residence).
- Anyone using benefits under Departments Education Assistance (DEA) program (38 U.S.C. § 3500) who lives in the state of Oregon while attending the University of Oregon (regardless of his or her formal state of residence).
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the University of Oregon.

GI Bill® is a registered trademark of the US Department of Veterans Affairs. More information about education benefits offered by the department is available at the official US government website (<https://www.benefits.va.gov/gibill/>).

## **Veteran Priority Registration**

Students who are either active members of the military, veterans with an honorable discharge or general discharge under honorable conditions, or dependents receiving federal veterans' educational benefits and who self-report to the Office of the Registrar are offered priority registration for courses. Students who are eligible for priority registration are able to register before other students in their category as shown below. Priority is given to graduate students, then to undergraduates. Seniors register before juniors, juniors before sophomores, and so forth, based on number of credits accumulated.

1. Graduate and postbaccalaureate students
2. Seniors with 135 or more credits
3. Juniors with 90 or more credits
4. Sophomores with 45 or more credits
5. Freshman students with fewer than 45 credits

## **Veterans Benefits and Transition Act of 2018**

The following policy (38 U.S.C., section 3679) applies to any covered individual, who is any individual entitled to educational assistance under Chapter 31, Vocational Rehabilitation and Employment, or Chapter 33, Post-9/11 GI Bill benefits:

1. Any covered individual is permitted to attend or participate in the course of education during the period beginning on the date on which the individual provides to the University of Oregon a certificate of eligibility for entitlement to educational assistance under Chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs website—eBenefits, or a VAF 28-1905 form for Chapter 31 authorization purposes) and ending on the earlier of the following dates: (a) the date on which payment from the VA is made to the institution or (b) the date that is 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.
2. The University of Oregon will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from the VA under Chapter 31 or 33.
3. The University of Oregon requires the covered individual to take the following additional actions:
4. Submit a certificate of eligibility for entitlement to educational assistance no later than the first day of a course of education
5. Submit a written request to use such entitlement
6. Provide additional information, if requested, necessary to the proper certification of enrollment by the educational institution
7. Make a payment for the amount that is the difference between the amount of the student's financial obligation and the amount of the VA education benefit disbursement and understand that late fees may apply to these charges

# Courses

---

A (p. 659) B (p. 659) C (p. 659)  
 D (p. 659) E (p. 659) F (p. 659)  
 G (p. 659) H (p. 659) I (p. 659)  
 J (p. 660) K (p. 660) L (p. 660) M  
 (p. 660) O (p. 660) P (p. 660) R  
 (p. 660) S (p. 660) T (p. 660) U  
 (p. 660) W (p. 660)

## A

- Academic English for International Students (p. 660) (AEIS)
- Accounting (p. 661) (ACTG)
- African Studies (p. 662) (AFR)
- American Sign Language (p. 663) (ASL)
- Anthropology (p. 663) (ANTH)
- Arabic (p. 668) (ARB)
- Architecture (p. 669) (ARCH)
- Art (p. 673) (ART)
- Art History (p. 674) (ARH)
- Art: Art & Technology (p. 676) (ARTD)
- Art: Ceramics (p. 678) (ARTC)
- Art: Fibers (p. 679) (ARTF)
- Art: Metalsmithing and Jewelry (p. 679) (ARTM)
- Art: Painting (p. 680) (ARTP)
- Art: (p. 680) Photography (p. 681) (ARTO)
- Art: Printmaking (p. 682) (ARTR)
- Art: Sculpture (p. 682) (ARTS)
- Asian Studies (p. 683) (ASIA)
- Astronomy (p. 684) (ASTR)

## B

- Behavioral Health (p. 684) (BEHT)
- Bioengineering (p. 686) (BIOE)
- Biology (p. 687) (BI)
- Black Studies (p. 692) (BLST)
- Business Administration (p. 692) (BA)
- Business Environment (p. 694) (BE)

## C

- Chemistry (p. 695) (CH)
- Chinese (p. 700) (CHN)
- Cinema Studies (p. 702) (CINE)
- Classics (p. 704) (CLAS)
- College of Arts and Sciences (p. 705) (CAS)
- College of Design (p. 705) (DSGN)
- Communication Disorders and Science (p. 706) (CDS)
- Comparative Literature (p. 708) (COLT)
- Computer Information Technology (p. 709) (CIT)
- Computer Science (p. 709) (CS)

- Conflict and Dispute Resolution (p. 713) (CRES)
- Counseling Psychology (p. 714) (CPSY)
- Couples and Family Therapy (p. 715) (CFT)
- Creative Writing (p. 716) (CRWR)

## D

- Dance Activity (p. 717) (DANC)
- Dance Professional (p. 718) (DAN)
- Danish (p. 720) (DANE)
- Data Science (p. 720) (DSCI)

## E

- Earth Sciences (p. 720) (ERTH)
- East Asian Languages and Literatures (p. 725) (EALL)
- Economics (p. 726) (EC)
- Education (p. 730) (EDUC)
- Education Studies (p. 731) (EDST)
- Educational Leadership (p. 735) (EDLD)
- English (p. 738) (ENG)
- Environmental Studies (p. 742) (ENVS)
- Ethnic Studies (p. 744) (ES)
- European Studies (p. 747) (EURO)

## F

- Family and Human Services (p. 747) (FHS)
- Finance (p. 748) (FIN)
- Folklore (p. 749) (FLR)
- French (p. 751) (FR)

## G

- Geography (p. 752) (GEOG)
- German (p. 756) (GER)
- Global Studies (p. 758) (GLBL)
- Graduate Studies (p. 761) (GRST)
- Greek (p. 761) (GRK)

## H

- Hebrew (p. 762) (HBRW)
- Historic Preservation (p. 762) (AAP)
- History (p. 763) (HIST)
- Honors College (p. 769) (HC)
- Human Physiology (p. 770) (HPHY)
- Humanities (p. 773) (HUM)

## I

- Ichishki'in (p. 773) (ICH)
- Interdisciplinary Studies (p. 773) (IST)
- Interior Architecture (p. 774) (IARC)
- Italian (p. 775) (ITAL)

**J**

- Japanese (p. 777) (JPN)
- Journalism (p. 779) (J)
- Judaic Studies (p. 786) (JDST)

**K**

- Korean (p. 787) (KRN)

**L**

- Labor Education and Research Center (p. 788) (LERC)
- Landscape Architecture (p. 788) (LA)
- Language Teaching (p. 791) (LT)
- Latin (p. 792) (LAT)
- Latin American Studies (p. 793) (LAS)
- Law (p. 793) (LAW)
- Library (p. 799) (LIB)
- Linguistics (p. 800) (LING)

**M**

- Management (p. 802) (MGMT)
- Marketing (p. 804) (MKTG)
- Mathematics (p. 805) (MATH)
- Medieval Studies (p. 810) (MDVL)
- Middle East and North African Studies (p. 811) (MENA)
- Military Science (p. 811) (MIL)
- Museum of Natural and Cultural History (p. 812) (ANTM)
- Music (p. 812) (MUS)
- Music Education (p. 821) (MUE)
- Music Jazz Studies (p. 824) (MUJ)
- Music Performance (p. 826) (MUP)

**O**

- Operations and Business Analytics (p. 827) (OBA)

**P**

- Physical Education (p. 828)
- Philosophy (p. 835) (PHIL)
- Physics (p. 838) (PHYS)
- Planning, Public Policy and Management (p. 842) (PPPM)
- Political Science (p. 846) (PS)
- Portuguese (p. 850) (PORT)
- Prevention Science (p. 851) (PREV)
- Product Design (p. 851) (PD)
- Psychology (p. 852) (PSY)

**R**

- Religious Studies (p. 856) (REL)
- Romance Languages (p. 857) (RL)
- Russia, East Europe, and Eurasian Studies (p. 858) (REES)
- Russian (p. 858) (RUSS)

**S**

- Scandinavian (p. 860) (SCAN)
- School Psychology (p. 861) (SPSY)
- Sociology (p. 862) (SOC)
- Spanish (p. 865) (SPAN)
- Special Education (p. 868) (SPED)
- Sports Business (p. 872) (SBUS)
- Sports Product Design (p. 873) (SPD)
- Sports Product Management (p. 873) (SPM)
- Statistics (p. 874) (STAT)
- Swahili (p. 874) (SWAH)
- Swedish (p. 874) (SWED)

**T**

- Theater Arts (p. 874) (TA)

**U**

- Undergraduate Studies (p. 876) (UGST)

**W**

- Women's and Gender Studies (p. 877) (WGS)
- Writing (p. 879) (WR)

## Academic English for International Students Courses

### Courses

#### **AEIS 101. Introductory Academic Oral Communication. 4 Credits.**

Focuses on strategies to improve aural-oral academic communication through discussions, seminars, dialogue, videos, and lectures. Sequence with AEIS 102.

Pre- or coreq: placement test.

#### **AEIS 102. Advanced Academic Oral Communication. 4 Credits.**

Focuses on strategies to improve aural-oral academic communication through discussions, seminars, dialogue, and presentations. Sequence with AEIS 101.

#### **AEIS 107. Reading Academic Discourse. 4 Credits.**

Focuses on interactive reading of academic text, building reading strategies for better comprehension, speed, and confidence, and developing critical reading skills.

Prereq: placement test.

#### **AEIS 108. Advanced Reading Academic Discourse. 4 Credits.**

Focuses on interactive reading of academic text, reading strategies for better comprehension, speed, and confidence, and further development of critical, interpretive and evaluative reading. Sequence with AEIS 107 (optional).

Prereq: placement test or AEIS 107 with a grade of C– or better.

#### **AEIS 110. Introductory Academic Writing. 4 Credits.**

Introduces conventions of expository essay writing. Emphasizes clear, effective written communication and development of editing skills. Covers grammar in context. Sequence with AEIS 111, AEIS 112.

Prereq: placement test.

**AEIS 111. Intermediate Academic Writing. 4 Credits.**

Intermediate writing for nonnative speakers of English. Critical analysis of academic texts leading to summary, paraphrase, essay-examination responses, and expository essays. Sequence with AEIS 110, AEIS 112.

**AEIS 112. Advanced Academic Writing. 4 Credits.**

Advanced writing for non-native speakers of English. Critical reading of academic texts for response in various academic modes: reporting research, critical analysis, and argumentation. Sequence with AEIS 110, AEIS 111.

Prereq: placement test or C– or better or P in AEIS 110 and AEIS 111.

**AEIS 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**AEIS 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

## Accounting Courses

### Courses

**ACTG 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when the topic changes.

**ACTG 211. Introduction to Accounting I. 4 Credits.**

The accounting model and financial statements for external users.

Prereq: sophomore standing.

**ACTG 213. Introduction to Accounting II. 4 Credits.**

Reporting of assets, equities, revenues, and expenses. Cost information and uses in management planning and control. Budgeting, manufacturing cost flows, and product costs.

Prereq: ACTG 211, C- or better; sophomore standing.

**ACTG 340. Accounting for Entrepreneurs. 4 Credits.**

Sources and uses of cash in the context of start-up and small firms. Emphasis on cash generated by operations and used for operations and growth. Secondary emphasis on external sources of cash.

Prereq: ACTG 211 or MGMT 335.

**ACTG 350. Intermediate Accounting I. 4 Credits.**

Concepts and principles of financial accounting, including U.S. and international financial reporting standards; analysis of alternatives for income measurement and asset and liability valuation.

Prereq: ACTG 213 or BA 215, BA 101, BA 240, EC 201, MATH 241 or MATH 251, STAT 243Z or MATH 345, WR 122Z or WR 123.

**ACTG 351. Intermediate Accounting II. 4 Credits.**

Concepts and principles of financial accounting, including U.S. and international financial reporting standards. Analysis of alternatives for income measurement and asset and liability valuation.

Prereq: ACTG 350.

**ACTG 352. Intermediate Accounting III. 4 Credits.**

Concepts and principles of financial accounting, including U.S. and international financial reporting standards; analysis of alternatives for income measurement and asset and liability valuation.

Prereq: C- or better in ACTG 351, FIN 316.

**ACTG 360. Cost Accounting. 4 Credits.**

Development and communication of cost information to assist in planning, motivating managers, controlling costs, and evaluating performance.

Prereq: ACTG 213, BA 101, BA 240, EC 201, EC 202, MATH 241, STAT 243Z, and WR 122Z or WR 123.

**ACTG 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**ACTG 403. Thesis. 1-12 Credits.**

Repeatable.

**ACTG 405. Reading and Conference: [Topic]. 1-12 Credits.**

Repeatable.

**ACTG 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**ACTG 407. Seminar: [Topic]. 4 Credits.**

Repeatable.

**ACTG 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**ACTG 409. Terminal Project. 1-12 Credits.**

Repeatable.

**ACTG 410. Experimental Course: [Topic]. 1-4 Credits.**

A recent topic is Accounting Information Systems. Repeatable when the topic changes.

**ACTG 440. Auditing. 4 Credits.**

The audit environment, examinations of financial statements, and the audit process. Includes professional standards, audit sampling, and the audit profession; concepts underlying professional ethics for auditors.

Prereq: C– or better in ACTG 350.

**ACTG 450. Advanced Financial Accounting. 4 Credits.**

Accounting for equity; financial accounting and reporting for corporate consolidation.

Prereq: C- or better in ACTG 352.

**ACTG 460. Government & Not for Profit Accounting. 4 Credits.**

This course teaches differences in accounting and financial reporting for governmental and not-for-profit organizations and differences between private sector and public-sector accounting, standards-setting, meeting stakeholder needs.

**ACTG 470. Federal Taxation. 4 Credits.**

Federal income tax law covering primarily the taxation of individuals with a focus on business income and property transactions. Introduction to tax planning.

Prereq: ACTG 213, BA 101, BA 240, EC 201, EC 202, MATH 241, STAT 243Z.

**ACTG 480. Accounting Data Analytics I. 4 Credits.**

Focuses on the increased use of data analytics within the accounting profession, including an understanding of data analytic thinking, terminology and application.

Prereq: ACTG 350.

**ACTG 503. Thesis. 1-16 Credits.**

Repeatable.

**ACTG 510. Experimental Course: [Topic]. 1-4 Credits.**

A recent topic is Accounting Information Systems. Repeatable when the topic changes.

**ACTG 540. Auditing. 4 Credits.**

The audit environment, examinations of financial statements, and the audit process. Includes professional standards, audit sampling, and the audit profession; concepts underlying professional ethics for auditors.

**ACTG 550. Advanced Financial Accounting. 4 Credits.**

Accounting for equity; financial accounting and reporting for corporate consolidation.

**ACTG 560. Government & Not for Profit Accounting. 4 Credits.**

This course teaches differences in accounting and financial reporting for governmental and not-for-profit organizations and differences between private sector and public-sector accounting, standards-setting, meeting stakeholder needs.

**ACTG 570. Federal Taxation. 4 Credits.**

Federal income tax law covering primarily the taxation of individuals with a focus on business income and property transactions. Introduction to tax planning.

**ACTG 580. Accounting Data Analytics I. 4 Credits.**

Focuses on the increased use of data analytics within the accounting profession, including an understanding of data analytic thinking, terminology and application.

**ACTG 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**ACTG 603. Dissertation. 1-16 Credits.**

Repeatable.

**ACTG 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**ACTG 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**ACTG 607. Seminar: [Topic]. 1-5 Credits.**

Current Research in Accounting is a recent topic. Repeatable.

**ACTG 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**ACTG 609. Terminal Project. 1-12 Credits.**

Repeatable.

**ACTG 610. Experimental Course: [Topic]. 1-5 Credits.**

Recent topics include Developing the Business Professional, International Accounting, Tax Pass-Through Entities. Repeatable when the topic changes.

**ACTG 612. Financial Accounting. 3 Credits.**

Introduces the accounting model and financial statements for external users. Emphasizes the use of accounting information in valuation and performance evaluation.

Prereq: ACTG 211 or equivalent.

**ACTG 616. Tax Research. 4 Credits.**

Introduces tax law, tax authority, and how to research complex tax issues. Emphasizes development of professional research memorandums and advising clients on tax strategies.

Prereq: ACTG 570 or ACTG 617.

**ACTG 617. Taxation of Business. 4 Credits.**

Taxation of business entities (C corporations, partnerships, S corporations, and limited liability companies) as they form, operate, and dissolve.

**ACTG 618. Taxes and Business Strategy. 4 Credits.**

How to use economic analysis as a tax planning tool, thereby incorporating tax factors in economic decisions.

Prereq: ACTG 617.

**ACTG 619. Taxation of Pass Through Entities. 4 Credits.**

Designed for accountants, managers, and entrepreneurs, covers basics of taxation of partnerships, S corporations and their shareholders, and trusts and their beneficiaries. Also covers taxation of exempt entities. Students cannot receive credit for both ACTG 619 and LAW 681.

**ACTG 620. Entrepreneurial Accounting. 3 Credits.**

Coverage includes selection of a company's legal organizational structure; compensation strategies for small business owners; cash flow budgeting, management and forecasting; and financial statement analysis.

Prereq: MBA core or the equivalent.

**ACTG 625. Financial Reporting. 3 Credits.**

In-depth coverage of the measurement and disclosure principles used to prepare generally accepted accounting principle-based financial statements.

Prereq: MBA core introduction to accounting courses or equivalent.

**ACTG 630. Accounting Measurement and Disclosure. 4 Credits.**

Recent Financial Accounting Standards Board decisions; current measurement and disclosure conflicts facing the accounting profession. Includes exposure to governmental and not-for-profit accounting issues.

**ACTG 631. Financial Statement Analysis and Valuation. 4 Credits.**

Examines the role of accounting information in financial decisions.

Highlights valuation's relationship to accounting earnings and book value.

**ACTG 642. Advanced Assurance Services. 4 Credits.**

Knowledge and application of generally accepted accounting principles and generally accepted auditing standards systems, design and flow charting, work paper preparation and review, oral and written presentation, and application of judgment.

Prereq: ACTG 440/540.

**ACTG 662. Strategic Cost Management. 4 Credits.**

Theory and application of management accounting techniques to decisions made under uncertainty in complex business environments.

**ACTG 681. Accounting Data & Analytics II. 4 Credits.**

Leveraging skills and knowledge developed in ACTG 480/580, this course focuses on enabling students to successfully engage with an iterative process to more effectively perform and communicate analytics across increasingly complex scenarios, producing actionable results that consider risks related to data quality, privacy and misinterpretation.

Prereq: ACTG 480 or ACTG 580.

**ACTG 682. Accounting Data & Analytics III. 4 Credits.**

Leveraging prior coursework, accounting students are challenged to initiate and complete end-to-end data analytics projects, with more reliance on self-directed problem solving, incorporating aspects of visual perception and principles of design to tell stories with data that influence business leaders through actionable insights. Sequence with ACTG 580, ACTG 681.

Prereq: ACTG 580, ACTG 681.

## African Studies Courses

**AFR 196. Field Studies: [Topic]. 1-5 Credits.**

Repeatable.

**AFR 198. Workshop: [Topic]. 1-5 Credits.**

Repeatable.

**AFR 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**AFR 215. Introduction to African Studies. 4 Credits.**

Introduction to the interdisciplinary field of African studies. Evaluates the social, cultural, political, economic and environmental diversity of and issues affecting historical and contemporary Africa and African peoples.



**AFR 399. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**AFR 401. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**AFR 403. Thesis. 1-12 Credits.**  
Repeatable.

**AFR 404. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**AFR 405. Reading and Conference: [Topic]. 1-12 Credits.**  
Repeatable.

**AFR 406. Field Studies: [Topic]. 1-12 Credits.**  
Repeatable.

**AFR 407. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**AFR 408. Workshop: [Topic]. 1-12 Credits.**  
Repeatable.

**AFR 409. Terminal Project. 1-12 Credits.**  
Repeatable.

**AFR 410. Experimental Course. 1-5 Credits.**  
Repeatable.

**AFR 503. Thesis. 1-12 Credits.**  
Repeatable.

**AFR 507. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**AFR 508. Workshop: [Topic]. 1-12 Credits.**  
Repeatable.

**AFR 510. Experimental Course. 1-5 Credits.**  
Repeatable.

**AFR 601. Research: [Topic]. 1-4 Credits.**  
Repeatable.

**AFR 603. Dissertation. 1-9 Credits.**  
Repeatable.

**AFR 604. Internship: [Topic]. 1-4 Credits.**  
Repeatable once for a maximum of 8 credits.

**AFR 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**AFR 606. Field Studies: [Topic]. 1-4 Credits.**  
Repeatable once for a maximum of 8 credits.

**AFR 609. Terminal Project. 1-16 Credits.**  
Repeatable.

## American Sign Language Courses

### Courses

**ASL 101. First-Year American Sign Language. 5 Credits.**  
Study of basic grammatical structure and vocabulary of American Sign Language, expressive and receptive finger-spelling, and introduction to American deaf culture.  
Prereq: WR 122Z or WR 123 or HC 221H or HC 231H.

**ASL 102. First-Year American Sign Language. 5 Credits.**  
Increased receptive and expressive communication skills in ASL, and study of cultural values and behavioral rules of the deaf community.  
Prereq: C- or better or P in ASL 101 or equivalent.

**ASL 103. First-Year American Sign Language. 5 Credits.**  
Concentration on understanding and acquiring advanced conversational proficiency. Emphasis on ASL classifiers. Continued study of deaf culture as a linguistic minority.  
Prereq: C- or better or P in ASL 102 or equivalent.

**ASL 201. Second-Year American Sign Language. 4 Credits.**  
Applied conversational use of ASL through literature, narratives, poetry, and plays. Explores various underlying metaphors found in ASL literature.  
Prereq: C- or better or P in ASL 103 or equivalent.

**ASL 202. Second-Year American Sign Language. 4 Credits.**  
Emphasis on more abstract and challenging conversational and narrative ranges. Lab and readings cover historical aspects of deaf community and culture.  
Prereq: C- or better or P in ASL 201 or equivalent.

**ASL 203. Second-Year American Sign Language. 4 Credits.**  
Further emphasis on more abstract and challenging conversational and narrative ranges. Explores broader political and social activities of international deaf community.  
Prereq: C- or better or P in ASL 202 or equivalent.

**ASL 301. American Deaf Culture. 4 Credits.**  
Study of the relationship between small groups and dominant culture in the United States. Explore issues of language, culture, self-representation, identity, and social structure.

**ASL 399. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

## Anthropology Courses

### Courses

**ANTH 110. Introduction to Traditional Ecological Knowledge. 4 Credits.**  
Traditional ecological knowledge (TEK) includes moral precepts that guide interaction with the local ecosystem, skill and knowledge sets used for resource extraction and management, and expressive media used for knowledge transmission. This course integrates Indigenous and Western perspectives to examine TEK in global perspective.

**ANTH 114. Anthropology of Pirates and Piracy. 4 Credits.**  
Examines the political and economic origins and legacies of piracy through 500 years of history in the Americas, Europe, and Africa.

**ANTH 119. Anthropology and Aliens. 4 Credits.**  
Examines how anthropology and speculative fiction have mutually constituted each other historically as each explores culture and society, and what makes us human.

**ANTH 145. Principles of Archaeology. 4 Credits.**  
Introduction to archaeology methods and interpretation.

**ANTH 150. World Archaeology. 4 Credits.**  
Introduction to prehistoric societies and cultural change through the examination of archaeological case studies from around the world.  
Taught once or more per academic year.

**ANTH 161. Introduction to Cultural Anthropology. 4 Credits.**  
A first look into the work of cultural anthropology and an introduction to the cultural diversity of the world.

**ANTH 163. Origins of Storytelling. 4 Credits.**  
Application of evolutionary thinking to the origins and function of literature.

**ANTH 165. Sexuality and Culture. 4 Credits.**

Examines sexuality through the historical, cultural, economic, and political factors that contribute to the construction of sexual identities, relationships, and institutions.

**ANTH 170. Introduction to Human Origins. 4 Credits.**

Homo sapiens as a living organism; biological evolution and genetics; fossil hominids.

**ANTH 171. Introduction to Monkeys and Apes. 4 Credits.**

Evolutionary biology of the primates: the fossil record and ecology in the age of mammals, primate anatomy, locomotor feeding adaptations, taxonomic relations, primate ethology, primate conservation

**ANTH 173. Evolution of Human Sexuality. 4 Credits.**

Includes basic genetics, physiology, and behavior. Evolution of sex, of the sexes, and of the role of sex in mammal, primate, and human behavior.

**ANTH 175. Evolutionary Medicine. 4 Credits.**

Focuses on the application of evolutionary thinking to the study of human health and disease.

**ANTH 176. Introduction to Forensic Anthropology. 4 Credits.**

Introduction to human skeletal analysis and its application in a legal context, using biological and anthropological approaches to the recovery and identification of human remains.

**ANTH 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**ANTH 198. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**ANTH 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ANTH 199L. Special Studies: [Topic]. 4 Credits.**

Repeatable.

**ANTH 209. Business Anthropology. 4 Credits.**

This course provides a comprehensive overview of business anthropology on a range of topics including entrepreneurship, finance capital, multinational corporations, and race/gender in business. Readings and discussions will focus on how to apply anthropological knowledge to solve real-world business problems.  
Prereq: ANTH 161.

**ANTH 220. Introduction to Nutritional Anthropology. 4 Credits.**

Human nutrition from a biocultural anthropological perspective, including the relationship of food consumption patterns to evolution, contemporary issues relating to malnutrition, and diseases of nutrition.

**ANTH 223. Anthropology of Chocolate. 4 Credits.**

This course explores the impact and meaning that chocolate has had on cultures around the world and on the human body.

**ANTH 225. Evolution of Play. 4 Credits.**

Explores a range of human play behaviors as adaptations that evolved in a hunting-and-gathering context, functioning to develop physical, cognitive, and social capacities needed in adulthood.

**ANTH 248. Archaeology of Wild Foods. 4 Credits.**

Examines how diet and early cooking affected human evolution, harvest-processing of wild Pacific Northwest foods, pre-Neolithic cooking technologies.

**ANTH 255. Atlantis, Aliens, and Archaeology. 4 Credits.**

Critically examines pseudoscientific examples of archaeology using case studies from around the world (e.g. the lost city of Atlantis, ancient aliens) and explores how proper scientific archaeological research is conducted.

**ANTH 260. Domestic Animals. 4 Credits.**

Explores human relationships with domestic animals, examining the domestication process and the effects of animal domestication on human society.

**ANTH 270. Introduction to Biological Anthropology. 4 Credits.**

Examines the biological aspects of the human species from comparative, ecological, and evolutionary perspectives. Explores theoretical and methodological issues in biological anthropology.

**ANTH 274. Animals and People. 4 Credits.**

Explores contemporary and historical examples of human-animal interactions around the globe from a cross-cultural perspective. We analyze the influences of culture and biology on these interactions, explore perspectives, and engage in hypothesis testing.

**ANTH 278. Science, Race, and Society. 4 Credits.**

Understanding past scientific attitudes on racial variation helps place modern concepts of human diversity and racial segregation in a broader anthropological and scientific context.

**ANTH 311. Anthropology of Globalization. 4 Credits.**

Introduces students to a wide range of issues related to economic, cultural, and ideological aspects of globalization.

Prereq: ANTH 161.

**ANTH 315. Gender, Folklore, Inequality. 4 Credits.**

Cross-cultural exploration of the expressive and artistic realm of women's lives. Topics include life-cycle rituals, religion, healing, verbal arts, crafts, and music.

**ANTH 320. Native North Americans. 4 Credits.**

Interpretive approach to accomplishments, diversity, and survival of precontact, postcontact, and present-day American Indian peoples. Impact of Euro-American stereotypes on politics and identity.  
Prereq: ANTH 161.

**ANTH 322. Anthropology of the United States. 4 Credits.**

Explores the culture and the political economy of the contemporary United States, with a particular focus on race, class, and gender relations.  
Pre or coreq: ANTH 161.

**ANTH 329. Immigration and Farmworkers. 4 Credits.**

Mexican farmworkers in the United States, their history and living and working conditions explored within the political culture of immigration. Introductory social science course recommended.

**ANTH 330. Hunters and Gatherers. 4 Credits.**

Survey of contemporary hunter-gatherer societies. Foraging, decision-making, exchange, prestige, marriage, gender roles, parenting, history, and demography in an ecological and evolutionary perspective.

**ANTH 331. Cultures of India and South Asia. 4 Credits.**

Survey of contemporary South Asia's religious and cultural diversity, issues of ethnic identity, gender construction, social conflict, and politics of poverty.

**ANTH 332. Human Attraction and Mating Strategies. 4 Credits.**

Evolutionary theory, experimental and real-world data illuminate what we find attractive in others, variation in who we are attracted to, and why.

**ANTH 340. Fundamentals of Archaeology. 4 Credits.**

Methods modern archaeology uses to reconstruct the past, including background research, field methods, laboratory analyses, and interpreting data.

Prereq: ANTH 145 or ANTH 150.

**ANTH 341. Food Origins. 4 Credits.**

Biological, ecological, and social dimensions of plant-animal domestication and the environmental impact of agriculture in the Late Pleistocene-Holocene epochs.

**ANTH 342. Archaeology of Egypt and Near East. 4 Credits.**

The archaeology of ancient Egypt and the Near East.

**ANTH 343. Pacific Islands Archaeology. 4 Credits.**

Archaeology and prehistoric cultural development of Pacific island peoples from earliest settlement through early Western contact. Emphasizes Southeast Asian cultural foundations and ecological adaptations.

Prereq: ANTH 145 or ANTH 150.

**ANTH 344. Oregon Archaeology. 4 Credits.**

Native American cultural history of Oregon based on archaeological evidence. Environmental and ecological factors that condition human adaptations and contemporary cultural resource protection.

**ANTH 345. Archaeology of East Asia. 4 Credits.**

Explores the evolution of diverse cultures and ethnic identities in East Asia during prehistoric and early historical times.

**ANTH 346. Archaeology of Southeast Asia. 4 Credits.**

Explores the evolution of the diverse cultures of Southeast Asia during the prehistoric and early historic periods.

**ANTH 349. Origins of Art. 4 Credits.**

Examines prehistoric and recent hunter-gatherer art to understand the role that art behavior played in ancestral human life.

**ANTH 361. Human Evolution. 4 Credits.**

Fossil evidence of human evolution; Homo sapiens' place among the primates; variability of populations of fossil hominids.

Prereq: ANTH 170 or ANTH 270.

**ANTH 362. Human Biological Variation. 4 Credits.**

Genetic and biological structure of human populations; population dynamics and causes of diversity; analysis of genetically differentiated human populations and their geographic distribution.

Prereq: one from ANTH 270, BI 213, or BI 283H.

**ANTH 365. Food and Culture. 4 Credits.**

Anthropological approach to the role of nutrients in human development (individual and group); cultural determinants and differences among populations; world food policy; applied nutritional anthropology.

**ANTH 366. Human Osteology Laboratory. 4 Credits.**

Introduction to the human skeleton from the perspective of biological anthropology. This course uses anatomical, developmental, and evolutionary approaches to understand fundamental aspects of human biology in general, as well as the individuals represented by skeletal remains.

Prereq: one from ANTH 170, ANTH 176, ANTH 270, HPHY 321.

**ANTH 369. Human Growth and Development. 4 Credits.**

Examines key issues in human and nonhuman primate growth and development; addresses genetic, social and ecological determinants of variation in growth.

**ANTH 373. Psychoactive Substances in Ancient Societies. 4 Credits.**

Global review of psychoactive substances in past human societies, including the paraphernalia, iconography, and residues of drugs found in the archaeological record.

Prereq: ANTH 145 or ANTH 150.

**ANTH 376. Decoding Your Genome. 4 Credits.**

Explores what genomic data can tell us about human variation and evolution, and discusses how genomics is currently used in our daily lives.

Prereq: one from ANTH 175, ANTH 270, BI 211, BI 282H.

**ANTH 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ANTH 399L. Special Studies: [Topic]. 4 Credits.**

Repeatable when subject changes

**ANTH 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**ANTH 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**ANTH 403. Thesis. 1-12 Credits.**

Repeatable.

**ANTH 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**ANTH 406. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**ANTH 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ANTH 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**ANTH 409. Terminal Project. 1-12 Credits.**

Repeatable.

**ANTH 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ANTH 413. Culture and Psychology. 4 Credits.**

Bridges anthropology and psychology to explore the relationship between the individual and culture; includes such topics as emotion, personality, mental illness, and sexuality.

**ANTH 415. Human Life History. 4 Credits.**

Explores evolution of key life history traits in comparative primatological, paleo-anthropological, behavioral ecology, and evolutionary psychology perspectives.

**ANTH 417. Field Methods in Cultural Anthropology. 4 Credits.**

Techniques of participant observation, community definition and extension, nondirective interviewing, and establishing rapport. Provides theoretical perspectives and emphasizes investigator's ethical responsibilities.

Prereq: 8 credits of upper-division cultural anthropology.

**ANTH 420. Culture, Illness, and Healing. 4 Credits.**

Cultural foundations of illness and healing. Attempts to analyze illness experiences, looks at therapies cross-culturally, and examines the nature of healing.

Prereq: ANTH 161.

**ANTH 425. Migrant, Citizen, Refugee. 4 Credits.**

This course introduces students to the anthropological study of migration. Students will study both early and contemporary intellectual trends in the study of migration, including "globalization," "transnationalism," "diaspora," "borderlands," "transmigration," and "imagined community," through relevant ethnographic case studies from the U.S., with global comparisons.

Prereq: ANTH 161.

**ANTH 427M. Latino Roots I. 4 Credits.**

Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with J 427M/J 527M. Sequence with ANTH 428M/ANTH 528M Latino Roots II.

**ANTH 428M. Latino Roots II. 4 Credits.**

Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with J 428M/J 528M. Sequence with ANTH 427M/ANTH 527M. Prereq: ANTH 427M.

**ANTH 429. Jewish Folklore and Ethnology. 4 Credits.**

Traditional expressive culture of East European Jews; includes narrative, proverbs, jokes, folk beliefs, rituals, holidays, food, customs, music, gender, and immigrant folklore in the United States.

**ANTH 430. Balkan Society and Folklore. 4 Credits.**

Explores ethnic groups of the Balkans with attention to the roles of folklore, nationalism, rural-urban relationships, gender, music, and folk arts.

**ANTH 434. Native South Americans. 4 Credits.**

Contact period and contemporary ethnography of native peoples; ecological adaptation, socioeconomic organization, and culture change. Prereq: ANTH 161.

**ANTH 438. Race and Gender in Latin America. 4 Credits.**

Examines intersecting systems of race, gender, ethnicity, and nationalism through 600 years of Latin American history, focusing on five countries in three regions.

**ANTH 441. Recent Cultural Theory. 4 Credits.**

Survey of various cultural frameworks: Durkheimian, Marxian, feminist, transnationalism, Orientalism. Prereq: 8 credits in social science.

**ANTH 442. Northwest Coast Archaeology. 4 Credits.**

Archaeological and prehistoric cultural development of peoples indigenous to the Northwest Coast of North America, from Alaska to northern California, from earliest settlement through Western contact. Prereq: ANTH 145 or ANTH 150.

**ANTH 443. North American Archaeology. 4 Credits.**

Survey of interdisciplinary research applied to prehistoric cultures and environments in North America. Prereq: ANTH 145 or ANTH 150.

**ANTH 446. Practical Archaeobotany. 4 Credits.**

Investigates interactions between human-plant populations in the past; laboratory training of analyzing plant fossils in archaeological contexts.

**ANTH 448. Gender and Archaeology. 4 Credits.**

Discussion of gender as an emerging focus of archaeological theory, method, and interpretation. Examination of case studies from around the world during prehistory. Prereq: ANTH 145 or ANTH 150.

**ANTH 449. Cultural Resource Management. 4 Credits.**

Objectives, legal background, operational problems, ethical and scholarly considerations in the management of prehistoric and historic cultural resources.

Prereq: ANTH 145 or ANTH 150.

**ANTH 453. African Archaeology. 4 Credits.**

The archaeology of humans in Africa with an emphasis on the past 15,000 years.

**ANTH 456. Peopling of the Americas. 4 Credits.**

Reviews anthropological methods of the Americas including biological, genetic, archaeological, and paleoenvironmental evidence. Prereq: ANTH 145 or ANTH 150.

**ANTH 459. Advanced Evolutionary Medicine. 4 Credits.**

Explores current research in the field of evolutionary medicine. Prereq: one from ANTH 175, ANTH 270, ANTH 468, BI 131, BI 380; ANTH 175 strongly suggested.

**ANTH 462. Primate Evolution. 4 Credits.**

The fossil record and theoretical implications of the Cenozoic primates with special reference to their various adaptations: locomotion, special senses, dentition. Prereq: ANTH 270.

**ANTH 463. Primate Behavior. 4 Credits.**

Ecology and ethology of free-ranging primates. Classification, distribution, and ecological relationships of living primates; social structure and social organizations. Prereq: ANTH 171 or ANTH 270.

**ANTH 467. Paleoeecology and Human Evolution. 4 Credits.**

Relationship between ecology and comparative morphology as a basis for theories of hominid phylogeny; analysis of methods of paleoecological inference; current theories of hominid origins. Prereq: ANTH 270.

**ANTH 468. Evolutionary Theory. 4 Credits.**

Provides a theoretical framework in evolutionary biology with which to explore human evolutionary history and aspects of modern human biology.

**ANTH 470. Statistical Analysis of Biological Anthropology. 4 Credits.**

The important methods in biometry (biological statistics) and their inherent assumptions, limitations, interpretations, and common uses (and misuses) as relevant to biological anthropology. Prereq: STAT 243Z, MATH 425, or equivalent.

**ANTH 471. Zooarchaeology: [Topic]. 4 Credits.**

Analysis and interpretation of bone and shell animal remains from archaeological sites. Repeatable once for a maximum of 8 credits when the topic changes. Prereq: ANTH 145 or ANTH 150.

**ANTH 472. Primate Conservation Biology. 4 Credits.**

Evaluates the conservation status of the order Primates. Explores biological-ecological issues and social-cultural influences on primate biodiversity, distribution, and abundance. Prereq: ANTH 171 or ANTH 270.

**ANTH 473. Advanced Forensic Anthropology. 4 Credits.**

Teaches theory and analysis of human remains for medico-legal professionals, including estimating biological parameters from skeletons and outdoor crime scene processing and testimony. Prereq: ANTH 176 with a grade of B– or better or ANTH 366 with a C– or better.

**ANTH 474. Human Skeletal Pathology. 4 Credits.**

Methods and techniques of paleopathology, the disease process, and how hard tissues are affected by them. Pivotal anthropological issues in which paleoanthropology plays a key role. Prereq: ANTH 270.



**ANTH 475. Regarding Remains. 4 Credits.**

This course covers the policies and regulations of human and non-human remains in biological anthropology and forensic sciences contexts. It explores the considerations important for establishing, building, maintaining and working with skeletal collections.

Prereq: ANTH 176.

**ANTH 479. Taphonomy: Bones, Bugs, and Burials. 4 Credits.**

Application of taphonomic studies in the fields of paleontology, archaeology, and forensic-medicolegal anthropology.

Prereq: one from ANTH 170, ANTH 176, ANTH 270, ANTH 366, BI 212, or equivalent.

**ANTH 481. Principles of Evolutionary Psychology. 4 Credits.**

Investigates how understanding of our evolutionary history is used to further understanding of the human mind.

Prereq: ANTH 170 or ANTH 270.

**ANTH 487. Bioanthropology Methods. 4 Credits.**

Laboratory-based introduction to research methods in biological anthropology, with an emphasis on research among living human populations.

Prereq: ANTH 270.

**ANTH 500M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**ANTH 503. Thesis. 1-16 Credits.**

Repeatable.

**ANTH 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ANTH 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**ANTH 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ANTH 515. Human Life History. 4 Credits.**

Explores evolution of key life history traits in comparative primatological, paleo-anthropological, behavioral ecology, and evolutionary psychology perspectives.

**ANTH 520. Culture, Illness, and Healing. 4 Credits.**

Cultural foundations of illness and healing. Attempts to analyze illness experiences, looks at therapies cross-culturally, and examines the nature of healing.

**ANTH 525. Migrant, Citizen, Refugee. 4 Credits.**

This course introduces students to the anthropological study of migration. Students will study both early and contemporary intellectual trends in the study of migration, including "globalization," "transnationalism," "diaspora," "borderlands," "transmigration," and "imagined community," through relevant ethnographic case studies from the U.S., with global comparisons.

**ANTH 527M. Latino Roots I. 4 Credits.**

Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with J 427M/J 527M. Sequence with ANTH 428M/ANTH 528M Latino Roots II.

**ANTH 528M. Latino Roots II. 4 Credits.**

Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with J 428M/J 528M. Sequence with ANTH 427M/ANTH 527M.

Prereq: ANTH 527M.

**ANTH 529. Jewish Folklore and Ethnology. 4 Credits.**

Traditional expressive culture of East European Jews; includes narrative, proverbs, jokes, folk beliefs, rituals, holidays, food, customs, music, gender, and immigrant folklore in the United States.

**ANTH 530. Balkan Society and Folklore. 4 Credits.**

Explores ethnic groups of the Balkans with attention to the roles of folklore, nationalism, rural-urban relationships, gender, music, and folk arts.

**ANTH 534. Native South Americans. 4 Credits.**

Contact period and contemporary ethnography of native peoples; ecological adaptation, socioeconomic organization, and culture change.

**ANTH 538. Race and Gender in Latin America. 4 Credits.**

Examines intersecting systems of race, gender, ethnicity, and nationalism through 600 years of Latin American history, focusing on five countries in three regions.

**ANTH 541. Recent Cultural Theory. 4 Credits.**

Survey of various cultural frameworks: Durkheimian, Marxian, feminist, transnationalism, Orientalism.

Prereq: 8 credits in social science.

**ANTH 542. Northwest Coast Archaeology. 4 Credits.**

Archaeological and prehistoric cultural development of peoples indigenous to the Northwest Coast of North America, from Alaska to northern California, from earliest settlement through Western contact.

**ANTH 543. North American Archaeology. 4 Credits.**

Survey of interdisciplinary research applied to prehistoric cultures and environments in North America.

**ANTH 546. Practical Archaeobotany. 4 Credits.**

Investigates interactions between human-plant populations in the past; laboratory training of analyzing plant fossils in archaeological contexts.

**ANTH 548. Gender and Archaeology. 4 Credits.**

Discussion of gender as an emerging focus of archaeological theory, method, and interpretation. Examination of case studies from around the world during prehistory.

**ANTH 549. Cultural Resource Management. 4 Credits.**

Objectives, legal background, operational problems, ethical and scholarly considerations in the management of prehistoric and historic cultural resources.

**ANTH 553. African Archaeology. 4 Credits.**

The archaeology of humans in Africa with an emphasis on the past 15,000 years.

**ANTH 559. Advanced Evolutionary Medicine. 4 Credits.**

Explores current research in the field of evolutionary medicine.

**ANTH 562. Primate Evolution. 4 Credits.**

The fossil record and theoretical implications of the Cenozoic primates with special reference to their various adaptations: locomotion, special senses, dentition.

**ANTH 563. Primate Behavior. 4 Credits.**

Ecology and ethology of free-ranging primates. Classification, distribution, and ecological relationships of living primates; social structure and social organizations.

**ANTH 567. Paleoecology and Human Evolution. 4 Credits.**

Relationship between ecology and comparative morphology as a basis for theories of hominid phylogeny; analysis of methods of paleoecological inference; current theories of hominid origins.



**ANTH 568. Evolutionary Theory. 4 Credits.**

Provides a theoretical framework in evolutionary biology with which to explore human evolutionary history and aspects of modern human biology.

**ANTH 570. Statistical Analysis of Biological Anthropology. 4 Credits.**

The important methods in biometry (biological statistics) and their inherent assumptions, limitations, interpretations, and common uses (and misuses) as relevant to biological anthropology.

**ANTH 571. Zooarchaeology: [Topic]. 4 Credits.**

Analysis and interpretation of bone and shell animal remains from archaeological sites. Repeatable once for a maximum of 8 credits when the topic changes.

**ANTH 572. Primate Conservation Biology. 4 Credits.**

Evaluates the conservation status of the order Primates. Explores biological-ecological issues and social-cultural influences on primate biodiversity, distribution, and abundance.

**ANTH 573. Advanced Forensic Anthropology. 4 Credits.**

Teaches theory and analysis of human remains for medico-legal professionals, including estimating biological parameters from skeletons and outdoor crime scene processing and testimony.

**ANTH 574. Human Skeletal Pathology. 4 Credits.**

Methods and techniques of paleopathology, the disease process, and how hard tissues are affected by them. Pivotal anthropological issues in which paleoanthropology plays a key role.

**ANTH 575. Regarding Remains. 4 Credits.**

This course covers the policies and regulations of human and non-human remains in biological anthropology and forensic sciences contexts. It explores the considerations important for establishing, building, maintaining and working with skeletal collections.

**ANTH 579. Taphonomy: Bones, Bugs, and Burials. 4 Credits.**

Application of taphonomic studies in the fields of paleontology, archaeology, and forensic-medicolegal anthropology.

**ANTH 581. Principles of Evolutionary Psychology. 4 Credits.**

Investigates how understanding of our evolutionary history is used to further understanding of the human mind.

**ANTH 587. Bioanthropology Methods. 4 Credits.**

Laboratory-based introduction to research methods in biological anthropology, with an emphasis on research among living human populations.

**ANTH 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**ANTH 603. Dissertation. 1-16 Credits.**

Repeatable.

**ANTH 605. Special Problems: [Topic]. 1-16 Credits.**

Repeatable.

**ANTH 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**ANTH 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ANTH 608. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**ANTH 609. Terminal Project. 1-12 Credits.**

Repeatable.

**ANTH 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ANTH 611. Ethnographic Research: Epistemology, Methods, Ethics. 4 Credits.**

Various techniques in ethnographic research. Examines the relationships between methods, theory, and ethics.

**ANTH 615. Proseminar in Anthropology. 4 Credits.**

Presents the department's structure, program, and faculty; explore various research and teaching facilities in UO; introduces research, writing, and funding resources.

**ANTH 680. Basic Graduate Physical Anthropology. 5 Credits.**

Introduction to major subfields of physical anthropology; geochronology, primate classification, paleoprimatology, paleoanthropology, human biology and diversity, processes of evolution, and primate ethology.

**ANTH 681. Archaeology and Anthropology. 5 Credits.**

Use by archaeologists of concepts drawn from anthropology; modifications and additions made necessary by the nature of archaeological data.

**ANTH 685. Professional Writing. 2-4 Credits.**

Covers the basics of professional writing for grant proposals, journal articles, and papers presented at professional meetings. Requires short proposal, longer proposal or article, and workshop participation.

**ANTH 688. Social Theory I. 5 Credits.**

Social theory survey organized around keywords: colonialism-postcolonialism, meaning, materiality-materialism, local-national-global, structure-agency-history, power, and difference.

**ANTH 689. Social Theory II. 5 Credits.**

Social theory survey organized around keywords: colonialism-postcolonialism, meaning, materiality-materialism, local-national-global, structure-agency-history, power, and difference.

## Arabic Courses

### Courses

**ARB 101. First-Year Arabic. 5 Credits.**

Introduction to Arabic with emphasis on speaking, reading, writing, and comprehension. Sequence with ARB 102, ARB 103.

**ARB 102. First-Year Arabic. 5 Credits.**

Introduction to Arabic with emphasis on speaking, reading, writing, and comprehension. Sequence with ARB 101, ARB 103.  
Prereq: ARB 101.

**ARB 103. First-Year Arabic. 5 Credits.**

Introduction to Arabic with emphasis on speaking, reading, writing and comprehension. Sequence with ARB 101, ARB 102.  
Prereq: ARB 102

**ARB 199. Special Studies: [Topic]. 1-10 Credits.**

Repeatable.

**ARB 301. Language and Culture I. 4 Credits.**

Provides intermediate level Arabic proficiency. Activates and augments grammar structures of modern spoken Arabic, colloquial Egyptian Arabic, and the study of Arabic culture. Sequence with ARB 302, ARB 303.  
Prereq: ARB 103.

**ARB 302. Language and Culture II. 4 Credits.**

Provides intermediate Arabic proficiency and substantially adds to the vocabulary base. Activates and augments grammar structures of modern spoken Arabic, colloquial Egyptian Arabic, and the study of Arabic culture. Sequence with ARB 301, ARB 303.  
Prereq: ARB 301.

**ARB 303. Language and Culture III. 4 Credits.**

Provides intermediate Arabic proficiency and substantially adds to the vocabulary base. Activates and augments grammar structures of modern spoken Arabic, colloquial Egyptian Arabic, and the study of Arabic culture. Sequence with ARB 301, ARB 302.

Prereq: ARB 302.

**ARB 331. Reading Classical Arabic. 4 Credits.**

Improves students' abilities to work with classical Arabic texts; serves as a gateway to other classical Arabic text courses.

Prereq: ARB 202 or equivalent.

**ARB 353. Arab Cinema. 4 Credits.**

Introduction to Arab cinema and culture through an examination of the development of cinema in Arabic-speaking countries. Offered alternate years.

**ARB 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ARB 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

**ARB 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**ARB 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ARB 409. Terminal Project. 1-12 Credits.**

Repeatable.

**ARB 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ARB 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ARB 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ARB 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

## Architecture Courses

### Courses

**ARCH 196. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**ARCH 198. Workshop: [Topic]. 1-3 Credits.**

Repeatable.

**ARCH 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ARCH 201. Introduction to Architecture. 4 Credits.**

Offers a structure of principles for making places for people. Examines places, design procedures, and the use of architectural principles in general.

**ARCH 202. Design Skills. 3 Credits.**

Introduction to basic design processes, methods, and media.

Prereq: ARCH 201 or IARC 204; coreq: ARCH 283.

**ARCH 222. Introduction to Architectural Computer Graphics. 4 Credits.**

Introduces basic skills and literacy with the computer for architectural illustration, drafting, and design.

Prereq: ARCH 202.

**ARCH 283. Architectural Design I. 6 Credits.**

Design studio projects and exercises introducing fundamental concepts and considerations in environmental design. Teaches knowledge and skills needed in subsequent studios and professional course work.

Sequence with ARCH 284.

Prereq: ARCH 201 or IARC 204; coreq: ARCH 202.

**ARCH 284. Architectural Design II. 6 Credits.**

Design studio projects and exercises introducing fundamental concepts and considerations in environmental design. Teaches knowledge and skills needed in subsequent studios and professional course work.

Sequence with ARCH 283.

Prereq: ARCH 202, 283; coreq: ARCH 222.

**ARCH 383. Architectural Design III. 6 Credits.**

Studio projects. Integration of issues of context, activity support, spatial order, construction, structure, and environmental control. Emphasis on schematic concept formation and subsequent architectural development.

Sequence with ARCH 384.

Prereq: ARCH 284.

**ARCH 384. Architectural Design IV. 6 Credits.**

Studio projects. Integration of issues of context, activity support, spatial order, construction, structure, and environmental control. Emphasis on schematic concept formation and subsequent architectural development.

Sequence with ARCH 383.

Prereq: ARCH 383 and 222.

**ARCH 399. Special Studies: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**ARCH 401. Research: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 403. Thesis. 1-9 Credits.**

Repeatable.

**ARCH 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ARCH 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**ARCH 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**ARCH 407. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 408. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 409. Terminal Project. 1-12 Credits.**

Repeatable.

**ARCH 410. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 410L. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 417. Context of the Architectural Profession. 4 Credits.**

Introduction to the professional practice of architecture and related careers. Examines the professional, legal, and regulatory environment; firm organization and management; marketing; contractual issues; and the construction process.

Prereq: ARCH 484 or IARC 484 or LA 489.

**ARCH 423. Media for Design Development: [Topic]. 3 Credits.**

Instruction in media for design process. Techniques for problem and context analysis, generating concepts, developing form, and testing proposals. Subject emphasis varies with instructor. Repeatable.

Prereq: ARCH 202.

**ARCH 430. Architectural Contexts: Place and Culture. 4 Credits.**

How the design of buildings interacts with physical and cultural contexts of human traditions, landscape, settlements, cities, and suburbs.

Historical and contemporary examples.

Prereq: ARCH 284 or architectural minor status.

**ARCH 431. Community Design. 3 Credits.**

Multidisciplinary examination of the history, theory, and practice in the design and development of meaningful and sustainable neighborhoods. Special focus selected by faculty. Open to all majors. Offered alternate years.

Prereq: junior standing.

**ARCH 435. Principles of Urban Design. 4 Credits.**

Introduction to theory and practice of urban design, comparative studies of neighborhood conservation, central city regeneration, growth policies and prospects for restructuring cities, metropolitan regions.

**ARCH 436. Theory of Urban Design I. 3 Credits.**

Examines the cultural and formal ideas that underlie American and European urban design. Ancient Greek to 1700.

Prereq: ARCH 430.

**ARCH 437. Theory of Urban Design II. 3 Credits.**

Examines the cultural and formal ideas that underlie American and European urban design. 1700 to the present.

**ARCH 438. Housing Prototypes. 3 Credits.**

An examination of modern housing prototypes (1920s to the present) with an emphasis on understanding the many and varied factors involved in the production of quality housing. Open to all majors.

Prereq: Junior standing.

**ARCH 439. Minimal Dwelling. 3 Credits.**

Examination of the design of small dwelling units for a variety of users. Offered alternate years.

Prereq: junior standing.

**ARCH 440. Human Context of Design. 4 Credits.**

Theoretical principles, case studies, and technical skills for assessing user needs, developing building programs, applying research findings to design, and evaluating performance of the built environment.

Prereq: ARCH 284 or architectural minor status.

**ARCH 450. Spatial Composition. 4 Credits.**

Architectural space as a means to measure existence and expand awareness. Focus on compositional principles in architecture and methods for analyzing and generating spatial organizations.

Prereq: ARCH 284 or architectural minor status.

**ARCH 458. Types and Typology. 3 Credits.**

Critical introduction to theory of typology that categorizes urban and architectural forms by formal characteristics and cultural meaning.

Lectures cover basic concepts, historical development, and case studies.

Prereq: ARCH 384, 450.

**ARCH 461. Structural Behavior. 6 Credits.**

Develops understanding of behavior of structural elements and systems and their implications on architectural form with reference to historical and contemporary buildings. Sequence with ARCH 462.

Prereq: PHYS 201; ARCH 470; passing score on diagnostic examination or completion of zero-week prerequisite course.

**ARCH 462. Structural Design. 6 Credits.**

Historical development of materials. Analyzes elements, connections, and systems of wood, steel, and concrete structures from the perspective of construction process, spatial and structural design. Sequence with ARCH 461.

Prereq: ARCH 461.

**ARCH 470. Building Construction. 4 Credits.**

Provide an understanding of the basic materials and methods of architecture with emphasis on the design, construction and performance of primary structure.

Prereq: ARCH 284 or architectural minor status.

**ARCH 471. Building Enclosure. 4 Credits.**

Selection, design, detailing, and performance evaluation of building envelopes: wood, metals, glass, concrete, and masonry veneers and roofing.

Prereq: ARCH 462, 470, 491.

**ARCH 476. Residential Construction. 4 Credits.**

Provides an understanding of basic materials and methods of North American residential construction with emphasis on design and construction of the wood light frame. Offered alternate years.

Prereq: ARCH 484

**ARCH 480. Supervised Design Teaching. 1-3 Credits.**

Supervised assistance with desk critiques and tasks related to studio teaching. Written application required. Repeatable for a maximum of 3 credits.

Prereq: ARCH 384.

**ARCH 484. Architectural Design. 6 Credits.**

Design projects requiring comprehensive and integrative study over a wide range of project options. Individual criticism, group discussions, lectures and seminars by visiting specialists, public review of projects. Repeatable.

Prereq: ARCH 384.

**ARCH 485. Advanced Architectural Design I. 8 Credits.**

In-depth work on complex design projects and design development beyond that normally possible in intermediate studios. Sequence.

Prereq: 24 credits in ARCH 484.

**ARCH 486. Advanced Architectural Design II. 8 Credits.**

In-depth work on complex design projects and design development beyond that normally possible in intermediate studios.

Prereq: ARCH 485.

**ARCH 491. Environmental Control Systems I. 4 Credits.**

Influence of energy source, climate, heating, cooling, lighting, acoustics, and water and waste systems on design of buildings and sites.

Architectural and mechanical means to manipulate thermal environment. Sequence.

Prereq: ARCH 284 or architecture minor status.

**ARCH 492. Environmental Control Systems II. 4 Credits.**

Influence of energy source, climate, heating, cooling, lighting, acoustics, and water and waste systems on design of buildings and sites.

Implications of lighting, acoustics, and water and waste for architectural design.

Prereq: ARCH 284 or architecture minor status.

**ARCH 493M. Passive Cooling. 4 Credits.**

Conceptual and quantitative investigations of passive cooling design and performance, including precedents, shading, natural ventilation, evaporative cooling, use of thermal mass, radiant cooling assisted by cold night skies, and control scheduling, supported by field investigations and introductory energy modeling. Multilisted with ENVS 493M.

Prereq: ARCH 491.

**ARCH 494M. Passive Heating. 4 Credits.**

Conceptual and quantitative investigations of passive solar heating design and performance, including precedents, solar resource evaluation, glazing selection and orientation, thermal mass materials and positioning, movable insulation, and control scheduling, supported by solar site surveys and modeling in EnergyPlus. Multilisted with ENVS 494M.

Prereq: ARCH 491

**ARCH 495. Daylighting. 3 Credits.**

"Daylighting"—increasing the energy efficiency of a building by maximizing the amount of daylight versus electric light—as an element in architectural design. Models and photography used to study behavior of light. Case studies and prediction techniques.

Prereq: ARCH 492.

**ARCH 500M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**ARCH 503. Thesis. 1-9 Credits.**

Repeatable.

**ARCH 507. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 508. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 510. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 510L. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 517. Context of the Architectural Profession. 4 Credits.**

Introduction to the professional practice of architecture and related careers. Examines the professional, legal, and regulatory environment; firm organization and management; marketing; contractual issues; and the construction process.

**ARCH 523. Media for Design Development: [Topic]. 3 Credits.**

Instruction in media for design process. Techniques for problem and context analysis, generating concepts, developing form, and testing proposals. Subject emphasis varies with instructor. Repeatable.

Prereq: ARCH 611.

**ARCH 530. Architectural Contexts: Place and Culture. 4 Credits.**

How the design of buildings interacts with physical and cultural contexts of human traditions, landscape, settlements, cities, and suburbs. Historical and contemporary examples.

Prereq: ARCH 680 or 683.

**ARCH 531. Community Design. 3 Credits.**

Multidisciplinary examination of the history, theory, and practice in the design and development of meaningful and sustainable neighborhoods. Special focus selected by faculty. Open to all majors. Offered alternate years.

**ARCH 535. Principles of Urban Design. 4 Credits.**

Introduction to theory and practice of urban design, comparative studies of neighborhood conservation, central city regeneration, growth policies and prospects for restructuring cities, metropolitan regions.

**ARCH 536. Theory of Urban Design I. 3 Credits.**

Examines the cultural and formal ideas that underlie American and European urban design. Ancient Greek to 1700.

**ARCH 537. Theory of Urban Design II. 3 Credits.**

Examines the cultural and formal ideas that underlie American and European urban design. 1700 to the present.

**ARCH 538. Housing Prototypes. 3 Credits.**

An examination of modern housing prototypes (1920s to the present) with an emphasis on understanding the many and varied factors involved in the production of quality housing. Open to all majors.

**ARCH 539. Minimal Dwelling. 3 Credits.**

Examination of the design of small dwelling units for a variety of users. Offered alternate years.

**ARCH 540. Human Context of Design. 4 Credits.**

Theoretical principles, case studies, and technical skills for assessing user needs, developing building programs, applying research findings to design, and evaluating performance of the built environment.

Prereq: ARCH 680 or 683.

**ARCH 550. Spatial Composition. 4 Credits.**

Architectural space as a means to measure existence and expand awareness. Focus on compositional principles in architecture and methods for analyzing and generating spatial organizations.

Prereq: ARCH 680.

**ARCH 558. Types and Typology. 3 Credits.**

Critical introduction to theory of typology that categorizes urban and architectural forms by formal characteristics and cultural meaning.

Lectures cover basic concepts, historical development, and case studies.

Prereq: ARCH 550 and 682 or 683.

**ARCH 561. Structural Behavior. 6 Credits.**

Develops understanding of behavior of structural elements and systems and their implications on architectural form with reference to historical and contemporary buildings.

Prereq: Passing score on diagnostic examination or completion of zero-week prerequisite course.

**ARCH 562. Structural Design. 6 Credits.**

Historical development of materials. Analyzes elements, connections, and systems of wood, steel, and concrete structures from the perspective of construction process, spatial and structural design. Sequence with 561.

Prereq: ARCH 461 or ARCH 561.

**ARCH 570. Building Construction. 4 Credits.**

Provide an understanding of the basic materials and methods of architecture with emphasis on the design, construction and performance of primary structure.

Prereq: ARCH 680.

**ARCH 571. Building Enclosure. 4 Credits.**

Selection, design, detailing, and performance evaluation of building envelopes: wood, metals, glass, concrete, and masonry veneers and roofing.

ARCH 562, ARCH 570, ARCH 591.

**ARCH 576. Residential Construction. 4 Credits.**

Provides an understanding of basic materials and methods of North American residential construction with emphasis on design and construction of the wood light frame. Offered alternate years.



**ARCH 580. Supervised Design Teaching. 1-3 Credits.**

Supervised assistance with desk critiques and tasks related to studio teaching. Written application required. Repeatable for a maximum of 3 credits.

Prereq: ARCH 681 or 683.

**ARCH 584. Architectural Design. 6 Credits.**

Repeatable. Design projects requiring comprehensive and integrative study over a wide range of project options. Individual criticism, group discussions, lectures and seminars by visiting specialists, public review of projects.

Prereq: ARCH 682 or 683.

**ARCH 585. Advanced Architectural Design I. 8 Credits.**

In-depth work on complex design projects and design development beyond that normally possible in intermediate studios. Sequence.

Prereq: 30 credits in ARCH 484/584.

**ARCH 586. Advanced Architectural Design II. 8 Credits.**

In-depth work on complex design projects and design development beyond that normally possible in intermediate studios.

Prereq: ARCH 485/585.

**ARCH 591. Environmental Control Systems I. 4 Credits.**

Influence of energy source, climate, heating, cooling, lighting, acoustics, and water and waste systems on design of buildings and sites.

Architectural and mechanical means to manipulate thermal environment. Sequence.

ARCH 680 or 683.

**ARCH 592. Environmental Control Systems II. 4 Credits.**

Influence of energy source, climate, heating, cooling, lighting, acoustics, and water and waste systems on design of buildings and sites.

Implications of lighting, acoustics, and water and waste for architectural design.

ARCH 680 or 683.

**ARCH 593M. Passive Cooling. 4 Credits.**

Conceptual and quantitative investigations of passive cooling design and performance, including precedents, shading, natural ventilation, evaporative cooling, use of thermal mass, radiant cooling assisted by cold night skies, and control scheduling, supported by field investigations and introductory energy modeling. Multilisted with ENVS 593M.

Prereq: ARCH 591.

**ARCH 594M. Passive Heating. 4 Credits.**

Conceptual and quantitative investigations of passive solar heating design and performance, including precedents, solar resource evaluation, glazing selection and orientation, thermal mass materials and positioning, movable insulation, and control scheduling, supported by solar site surveys and modeling in EnergyPlus. Multilisted with ENVS 594M.

Prereq: ARCH 591

**ARCH 595. Daylighting. 3 Credits.**

"Daylighting"—increasing the energy efficiency of a building by maximizing the amount of daylight versus electric light—as an element in architectural design. Models and photography used to study behavior of light. Case studies and prediction techniques.

Prereq: ARCH 492 or 592.

**ARCH 600M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**ARCH 601. Research: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 603. Dissertation. 1-9 Credits.**

Repeatable.

**ARCH 604. Internship: [Topic]. 1-9 Credits.**

Repeatable.

**ARCH 605. Special Problems: [Topic]. 1-16 Credits.**

Repeatable.

**ARCH 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**ARCH 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ARCH 608. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 609. Terminal Project. 1-16 Credits.**

Repeatable.

**ARCH 610. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARCH 610L. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**ARCH 611. Graduate Design Process. 3 Credits.**

Foundation knowledge, concepts, and skills fundamental to design process and media subject areas.

**ARCH 619. Terminal Project. 1-9 Credits.**

Repeatable.

**ARCH 620. Research Methods in Sustainable Design. 2-6 Credits.**

Research methods to assess the design of buildings and communities; discussions include defining research themes, hypotheses, and developing thesis proposals.

Prereq: conditional MArch or PhD standing.

**ARCH 633. History of Sustainable Design. 4 Credits.**

History and theory of sustainable design practices; the evolution of codes and standards related to building design; perspectives and implementation strategies by leading ecological practitioners.

Prereq: conditional MArch or PhD standing.

**ARCH 661. Teaching Technical Subjects in Architecture. 1-3 Credits.**

Covers techniques for effective teaching. Focuses on one or more standard building-technology courses in architecture and interior architecture. Repeatable thrice for maximum of 12 credits.

**ARCH 678. Advanced Research in Sustainable Design. 2-6 Credits.**

Quantitative and qualitative techniques used in validating the design practice and research covering analytic approaches, including research design, surveys, case-study research, measurement, evaluation, and data presentation.

Prereq: conditional MArch or PhD standing.

**ARCH 680. Introductory Graduate Design. 6 Credits.**

Design projects and exercises intended to familiarize the student with fundamental concepts of environmental design. Emphasis on developing graphic skills and the capability for visual thinking that are essential to advanced studios. Sequence.

**ARCH 681. Introductory Graduate Design. 6 Credits.**

Design projects and exercises intended to familiarize the student with fundamental concepts of environmental design. Emphasis on developing graphic skills and the capability for visual thinking that are essential to advanced studios. Sequence.

Prereq: ARCH 680.



**ARCH 682. Introductory Graduate Design. 6 Credits.**

Design projects and exercises intended to familiarize the student with fundamental concepts of environmental design. Emphasis on developing graphic skills and the capability for visual thinking that are essential to advanced studios.

Prereq: ARCH 681.

**ARCH 683. Graduate Architectural Design: Track II. 6 Credits.**

Design to expand perception and response to issues in architectural design. Design as exploration of fundamental theoretical ideas. Studio projects require comprehensiveness and integrative study. Repeatable.

**ARCH 695. Advanced Dissertation Proposal Development. 4-6 Credits.**

Directed study for the development of dissertation proposals. Approval of faculty advisor required. Repeatable twice for a maximum of 18 credits based on development of proposal for dissertation.

Prereq: PhD standing.

## Art Courses

### Courses

**ART 101. Understanding Contemporary Art. 4 Credits.**

Examine contemporary art concepts, approaches and themes. Understand how to interpret contemporary artwork and contextualize arts' relationship to culture, society and life today.

**ART 111. The Artist Experience. 4 Credits.**

Explore concepts defining contemporary art through the individual studio practice of art faculty. Artist presentations will examine their creative process, influences, professional experiences and career.

**ART 115. Surface, Space, and Time. 4 Credits.**

Introduces interdisciplinary media processes, critical theory, formal communication design, color theory, skills in objective evaluation and critique, and how materials, processes, and context establish meaning.

**ART 116. Core Interdisciplinary Laboratory. 4 Credits.**

Rigorous studio projects in the core studio sequence stressing interdisciplinary media transitions and the interrelatedness of conceptual and formal concerns.

Prereq: ART 115.

**ART 198. Technical Workshop: [Topic]. 1-3 Credits.**

Possible topics include Beginning Woodworking, Book Arts, Professional Practices. Repeatable when change of topic for maximum of 15 credits.

**ART 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ART 233. Drawing I. 4 Credits.**

Introduction to basic drawing concepts and practices. Repeatable.

**ART 333. Drawing II. 4 Credits.**

Emphasizes synthesis of ideas and approaches, complex subjects, investigation, and expression while building on previous drawing skills. Sequence with ART 233.

Prereq: ART 115, 116, 233.

**ART 381. Letterpress. 4 Credits.**

Experiments with lead and wooden type as related to graphic composition and communication. Repeatable ten times for a maximum of 44 credits.

Prereq: ART 115, 116, 233.

**ART 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**ART 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ART 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**ART 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**ART 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**ART 408. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ART 409. Terminal Project. 1-12 Credits.**

Repeatable.

**ART 410. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ART 412. BFA Critique. 3 Credits.**

Interdisciplinary critique and discussion course for B.F.A. students.

Prereq: B.F.A. standing. Repeatable once for a maximum of six credits.

**ART 507. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**ART 508. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ART 510. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ART 601. Research: [Topic]. 1-12 Credits.**

Repeatable.

**ART 604. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ART 605. Special Problems: [Topic]. 1-16 Credits.**

Repeatable.

**ART 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**ART 607. Seminar: [Topic]. 1-4 Credits.**

Topics change every term. If link to syllabus is not available, contact instructor by e-mail. Repeatable.

**ART 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**ART 609. Terminal Project. 1-16 Credits.**

Repeatable.

**ART 610. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ART 612. Graduate Critique. 3 Credits.**

Repeatable. Interdisciplinary critique and discussion course for MFA students. Repeatable five times for a maximum of 18 credits.

**ART 614. Graduate Studio. 4 Credits.**

Repeatable. Students engage in a rigorous studio practice through independent production, experimentation, and research. Faculty mentors instruct in rotation. Repeatable five times for a maximum of 24 credits.

# Art History Courses

## Courses

### ARH 150. Introduction to Visual Culture. 4 Credits.

This course introduces to students to a wide variety of methods for looking at and analyzing images and objects of visual culture, drawing on concepts and methods from art history, anthropology, archaeology, and media studies.

### ARH 199. Special Studies: [Topic]. 1-5 Credits.

Repeatable.

### ARH 204. History of Western Art I. 4 Credits.

Historical survey of visual arts. Selected works of painting, sculpture, architecture, and other arts studied in relation to the ancient cultures producing them.

### ARH 205. History of Western Art II. 4 Credits.

Historical survey of visual arts. Selected works of painting, sculpture, architecture, and other arts studied in relation to the medieval to early Renaissance cultures producing them.

### ARH 206. History of Western Art III. 4 Credits.

Historical survey of visual arts. Selected works of painting, sculpture, architecture, and other arts studied in relation to the Renaissance to modern cultures producing them.

### ARH 208. History of Chinese Art. 4 Credits.

Historical survey of the visual arts of China. Selected works of painting, sculpture, architecture, and other arts studied in relation to the culture in which they were produced.

### ARH 209. History of Japanese Art. 4 Credits.

Historical survey of the visual arts of Japan. Selected works of painting, sculpture, architecture, and other arts studied in relation to the culture in which they were produced.

### ARH 210. Contemporary Asian Art and Architecture. 4 Credits.

Broad survey of modern and contemporary Asian art, architecture, and film.

### ARH 211. Survey of Latin American Arts. 4 Credits.

Overview of the rich tradition of visual arts within Latin America from the pre-Columbian period, through the art of the Spanish vicerealties, to the contemporary artistic landscape.

### ARH 314. History of World Architecture I. 4 Credits.

Survey of global architectural developments from prehistory to the Middle Ages.

### ARH 315. History of World Architecture II. 4 Credits.

Survey of global architectural developments from c. 1400 to the present.

### ARH 316. Gothic Architecture. 4 Credits.

A specialized survey of Gothic architecture in western Europe (c. 1140 to c. 1500). This course gives special consideration to the constructional and structural developments of the Gothic period, but will also consider architecture in relationship to social, religious, and economic practices.

### ARH 317. Romanesque Architecture. 4 Credits.

Examines Romanesque architecture through the lens of pilgrimage, a major cultural force in the Middle Ages.

### ARH 321. Ancient Jewish Art. 4 Credits.

A survey of Jewish art and architecture throughout the ancient Mediterranean (e.g., Aegina, Beth Alpha, Corinth, Dura Europos, Jerusalem, Masada, Ostia, Rome, Sardis, Sepphoris, Qumran)

### ARH 322. Ancient Greek Art & Architecture. 4 Credits.

This course is a survey of the art and architecture of the ancient Greek world, encompassing works throughout the ancient Mediterranean and Near East from the Bronze Age through the Hellenistic period.

### ARH 325. Islamic Art & Architecture. 4 Credits.

This course is a survey of visual culture from the Islamic world, beginning with its origins in the seventh century CE.

### ARH 341. Italian Renaissance Art. 4 Credits.

Painting and sculpture of the Renaissance and mannerist periods analyzed in terms of style, iconography, theory, patronage, and social context.

### ARH 343. Northern Renaissance Art. 4 Credits.

Painting and graphic arts in the Netherlands, Germany, and France in the 15th and 16th centuries. Van Eyck, Durer, Holbein, other leading artists. Harper.

### ARH 348. Rome in Age of Bernini. 4 Credits.

Painting, sculpture, architecture, urbanism in 17th-century Rome with special reference to Bernini, the dominant figure. Patronage and society in the city of the popes.

### ARH 350. History of Manga. 4 Credits.

Survey of the history of Manga (Japanese comics) from the 19th Century to the present.

### ARH 351. 19th-Century Art. 4 Credits.

Introduction to artistic movements in Europe from 1780 to the 1880s including neoclassicism, romanticism, realism, and impressionism.

### ARH 352. Art of the Enlightenment. 4 Credits.

Explores European art of the 18th century. Lectures cover major movements—rococo, chinoiserie, neoclassicism, early romanticism—in the context of changing social values, the scientific revolution, secularization, and globalization.

### ARH 353. Modern Art, 1880–1950. 4 Credits.

Modern art from postimpressionism to abstract expressionism in relation to intellectual and historical developments.

### ARH 354. Contemporary Art. 4 Credits.

Survey of contemporary art in the West from 1945 to the present in relation to historical, social, cultural, and political concerns.

### ARH 358. History of Design. 4 Credits.

Design from the late 18th century to the present—considered in relation to social, political, and technological developments.

### ARH 359. History of Photography. 4 Credits.

History of photography from the early 19th-century to the present, aesthetics of the medium, its relationship to art, and its social role.

### ARH 368. Arts and Visual Cultures of Climate Change. 4 Credits.

Critical exploration of climate change and its representation in contemporary art and visual culture (e.g., satellite imagery, activism, science fiction)

### ARH 372. Arts of Colonial Latin America. 4 Credits.

This course examines the role of art and architecture in colonial Latin America (ca. 1492- 19th century).

### ARH 373. 20th Century Latin American Art. 4 Credits.

Examines art and architecture across 20th-century Latin America, with special emphasis on the formation and expression of ethnic, cultural, regional, and national identity through them.

**ARH 382. Arts of the Silk Road. 4 Credits.**

This course examines cross-cultural and artistic encounters between Asia, Africa, Europe, and the Americas by studying, diasporas and migrations, religions, urban settlements, trade, and slavery.

**ARH 387. Chinese Buddhist Art. 4 Credits.**

Introduction to selective aspects of the history of Buddhist art in China. Emphasis on sculpture and painting.

**ARH 399. Special Studies: [Topic]. 1-5 Credits.**

Offerings vary from year to year and reflect the interests of faculty members. Repeatable.

**ARH 401. Research: [Topic]. 1-8 Credits.**

Repeatable.

**ARH 403. Thesis. 1-6 Credits.**

Repeatable.

Prereq: ARH 401; major standing.

**ARH 404. Internship: [Topic]. 1-5 Credits.**

Repeatable.

**ARH 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

**ARH 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**ARH 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ARH 408. Workshop: [Topic]. 1-5 Credits.**

Repeatable.

**ARH 409. Terminal Project. 1-12 Credits.**

Repeatable.

**ARH 410. Experimental Course: [Topic]. 1-5 Credits.**

Offerings vary from year to year and reflect the interests of faculty members. Repeatable.

**ARH 411. Critical Approaches to Art Historical Study. 4 Credits.**

Methods used to study art history (formalist, iconographical, social history of art, etc). Materials are drawn from art historical scholarship on art from a variety of regions and periods.

Prereq: Recommend a minimum of six art history courses previously, ideally a combination of lower- and upper-division courses.

**ARH 421. Ancient Mediterranean Art: [Topic]. 4 Credits.**

This course examines art and architecture from the ancient Mediterranean world, exploring material from a particular region/period or through a particular critical/thematic lens. Repeatable when the topic changes.

**ARH 425. Medieval Art and Architecture: [Topic]. 4 Credits.**

An in-depth study of a discrete theme within the field of medieval art and architecture. Themes will vary from year to year and will reflect the interests of faculty members. Repeatable twice for a maximum of 12 credits when the topic changes.

**ARH 440. Museology. 4 Credits.**

This course covers the history and theory of museums. Through readings, written assignments, lecture and classroom discussion we engage issues of museum ethics, the role of museums in society, and curatorial practice. The scope includes art museums as well as other types of museums.

Prereq: Enrollment in the Museum Studies Certificate Program, the Art History Graduate Program, Art History Major or the Art History Minor.

**ARH 450. Romanticism in the Visual Arts. 4 Credits.**

The course offers an overview of the diverse artists and interests of the Romantic Movement in European art, while critically examining Romanticism as a period term.

**ARH 451. Studies in 19th-Century Art: [Topic]. 4 Credits.**

Focuses on a specific area, movement, period or issue in visual art of the long 19th century (c. 1770–1914). Repeatable once for a total of 8 credits.

**ARH 453. Modern Art: [Topic]. 4 Credits.**

This courses focuses on a specific area, movement, period or issue in modern art (c. 1880-1950), specifically a geographical area, movement such as Bauhaus or Dada, or on seminal artist of modernism and the avant-garde.

**ARH 456. World Architecture Since 1960. 4 Credits.**

Examines key themes, designs and structures, conversations, events, and people in architectural history, theory, and practice from around the world, from the early 1960s up to the present.

Prereq: ARH 206 or ARH 315.

**ARH 457. Contemporary Art: [Topic]. 4 Credits.**

Topics are unified by their emphasis on the historical, socio-cultural, political, and theoretical conditions associated with art since 1945. Offerings vary from year to year and reflect the interests of faculty members. Repeatable twice for a maximum of 12 credits.

**ARH 462. Modern Architecture. 4 Credits.**

Examines modern architecture from 1885 to 1965, and the discourse surrounding it. Emphasis on the meanings and manifestations of modernity as these evolved in Europe, the US, and around the world.

Prereq: ARH 206, ARH 315.

**ARH 465. American Architecture II. 4 Credits.**

Major developments in American architecture, 1800–1900. Includes the rediscovery of national symbols, the impact of industry, and the national focus on the single-family residence.

Prereq: ARH 206 or ARH 315.

**ARH 466. American Architecture III. 4 Credits.**

Major developments in American architecture, 1885 to the present. Emphasizes academicism, the impact of international modernism, and the rediscovery of eclectic symbolism.

Prereq: ARH 206 or ARH 315.

**ARH 471. Latin American Art History: [Topic]. 4 Credits.**

Topics related to arts of Latin America from the Pre-Columbian period to the present. Offerings vary from year to year and reflect the interests of faculty members. Repeatable twice for a maximum of 12 credits.

**ARH 481. Chinese Art: [Topic]. 4 Credits.**

Topics are unified by their emphasis on the historical, socio-cultural, political, and theoretical conditions associated with Chinese art. Offerings vary from year to year and reflect the interests of faculty members. Repeatable twice for a maximum of 12 credits.

**ARH 485. Japanese Art: [Topic]. 4 Credits.**

Explores the issues surrounding material cultures of Japan from prehistoric to contemporary periods. Repeatable twice for a maximum of 12 credits when the topic changes.

**ARH 488. Japanese Prints. 4 Credits.**

The woodblock print in Japan as part of the cultural, social, and political conditions.

**ARH 503. Thesis. 1-9 Credits.**

Repeatable.

**ARH 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ARH 508. Workshop: [Topic]. 1-5 Credits.**

Repeatable.

**ARH 510. Experimental Course: [Topic]. 1-5 Credits.**

Offerings vary from year to year and reflect the interests of faculty members. Repeatable.

**ARH 521. Ancient Mediterranean Art: [Topic]. 4 Credits.**

This course examines art and architecture from the ancient Mediterranean world, exploring material from a particular region/period or through a particular critical/thematic lens. Repeatable when topic changes.

**ARH 525. Medieval Art and Architecture: [Topic]. 4 Credits.**

An in-depth study of a discrete theme within the field of medieval art and architecture. Themes will vary from year to year and will reflect the interests of faculty members. Repeatable twice for a maximum of 12 credits when the topic changes.

**ARH 540. Museology. 4 Credits.**

This course covers the history and theory of museums. Through readings, written assignments, lecture and classroom discussion we engage issues of museum ethics, the role of museums in society, and curatorial practice. The scope includes art museums as well as other types of museums.

Prereq: Enrollment in the Museum Studies Certificate Program, the Art History Graduate Program, Art History Major or the Art History Minor.

**ARH 550. Romanticism in the Visual Arts. 4 Credits.**

The course offers an overview of the diverse artists and interests of the Romantic Movement in European art, while critically examining Romanticism as a period term.

**ARH 551. Studies in 19th-Century Art: [Topic]. 4 Credits.**

Focuses on a specific area, movement, period or issue in visual art of the long 19th century (c. 1770–1914). Repeatable once for a total of 8 credits.

**ARH 553. Modern Art: [Topic]. 4 Credits.**

This courses focuses on a specific area, movement, period or issue in modern art (c. 1880-1950), specifically a geographical area, movement such as Bauhaus or Dada, or on seminal artist of modernism and the avant-garde. Repeatable with topic change.

**ARH 556. World Architecture Since 1960. 4 Credits.**

Examines key themes, designs and structures, conversations, events, and people in architectural history, theory, and practice from around the world, from the early 1960s up to the present.

**ARH 557. Contemporary Art: [Topic]. 4 Credits.**

Topics are unified by their emphasis on the historical, socio-cultural, political, and theoretical conditions associated with art since 1945. Offerings vary from year to year and reflect the interests of faculty members. Repeatable twice for a maximum of 12 credits.

**ARH 562. Modern Architecture. 4 Credits.**

Examines modern architecture from 1885 to 1965, and the discourse surrounding it. Emphasis on the meanings and manifestations of modernity as these evolved in Europe, the US, and around the world.

**ARH 565. American Architecture II. 4 Credits.**

Major developments in American architecture, 1800–1900. Includes the rediscovery of national symbols, the impact of industry, and the national focus on the single-family residence.

**ARH 566. American Architecture III. 4 Credits.**

Major developments in American architecture, 1885 to the present. Emphasizes academicism, the impact of international modernism, and the rediscovery of eclectic symbolism.

**ARH 571. Latin American Art History: [Topic]. 4 Credits.**

Topics related to arts of Latin America from the Pre-Columbian period to the present. Offerings vary from year to year and reflect the interests of faculty members. Repeatable twice for a maximum of 12 credits.

**ARH 581. Chinese Art: [Topic]. 4 Credits.**

Topics are unified by their emphasis on the historical, socio-cultural, political, and theoretical conditions associated with Chinese art. Offerings vary from year to year and reflect the interests of faculty members. Repeatable twice for a maximum of 12 credits.

**ARH 585. Japanese Art: [Topic]. 4 Credits.**

Explores the issues surrounding material cultures of Japan from prehistoric to contemporary periods. Repeatable twice for a maximum of 12 credits when the topic changes.

**ARH 588. Japanese Prints. 4 Credits.**

The woodblock print in Japan as part of the cultural, social, and political conditions.

**ARH 601. Research: [Topic]. 1-9 Credits.**

Repeatable.

**ARH 603. Dissertation. 1-9 Credits.**

Repeatable.

**ARH 604. Internship: [Topic]. 1-9 Credits.**

Repeatable.

**ARH 605. Special Problems: [Topic]. 1-16 Credits.**

Repeatable.

**ARH 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**ARH 607. Seminar: [Topic]. 1-5 Credits.**

Departmental offerings vary from year to year and reflect the specialized interests of faculty members. Repeatable.

**ARH 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**ARH 609. Terminal Project. 1-12 Credits.**

Repeatable.

**ARH 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ARH 611. Graduate Studies in Art History. 4 Credits.**

Introduction to bibliographic resources research methodology, and critical issues in art history.

Prereq: major standing.

**ARH 614. Terminal Project. 1-12 Credits.**

Student-directed research and writing intended to culminate in the production of a master's level project under the supervision of a faculty member.

## Art: Art & Technology Courses

### Courses

**ARTD 198. Technical Workshop: [Topic]. 1-3 Credits.**

Possible topics include DreamWeaver, InDesign, PhotoShop. Repeatable when change of topic for maximum of 15 credits.



**ARTD 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ARTD 250. Print Media Digital Arts. 4 Credits.**

Examines application of print media in contemporary visual culture; explores its use in a fine art context. Introduces digital drawing, digital photo editing, and typographic layout to visually communicate expressive concepts. Laboratories, lectures. Repeatable once for 8 maximum credits.

**ARTD 251. Time-Based Digital Arts. 4 Credits.**

Explores the notion of time as a medium in relation to contemporary art through which concepts of sequence, narration, scoring, and motion are expressed. Laboratories, lectures. Repeatable once for a maximum of 8 credits.

**ARTD 252. Interactive Digital Arts. 4 Credits.**

Introduces resources that the computer offers the artist. Concentrates on animation, interaction, and the web as expressive mediums. Laboratories, lectures. Repeatable once for a maximum of 8 credits.

**ARTD 256. Introduction to Production. 4 Credits.**

Traditional camera, sound, and lighting techniques in production; nonlinear editing; and key theoretical, historical, and aesthetic approaches to video art.

Prereq: J 201, ENG 260; two from ENG 265, 266, 267.

**ARTD 350. Digital Drawing. 4 Credits.**

Applies technology as a drawing medium to communicate concepts visually. The entire creative process is researched in an experimental studio environment.

Prereq: ART 115, ART 116, ART 233, ARTD 250.

**ARTD 360. Digital Imaging. 4 Credits.**

Intermediate-level focus on the proper preparation and presentation of digital images for use in print and on screen. Covers color theory.

Prereq: ART 115, 116, 233, ARTD 250.

**ARTD 361. Introduction to Animation. 4 Credits.**

Introduction to principles of animation, timing, sequence; key frames, in-betweens, and metamorphosis. Uses various methods to record and edit animation tests.

Prereq: ART 115, 116, 233 & ARTD 251 or ENG 260, J 201; two from ENG 265, 266, 267; one from ARTD 256, CINE 270, J 208.

**ARTD 362. Digital Letterform. 4 Credits.**

Concepts in the history, use, and appreciation of digital typography. Considers issues in communicative power of type and situations where it functions as message.

Prereq: ART 115, 116, 233, ARTD 250, 251, 252, 350.

**ARTD 370. Digital Interactivity. 4 Credits.**

Students will learn programming to interactive artworks. This class will include how to program microcontrollers and use electronics to create responsive and expressive interactive systems.

Prereq: ARTD 252, ART 115, ART 116, ART 233.

**ARTD 378. Computational Aesthetics. 5 Credits.**

Introduces screen-based programming and data navigation; use of motion, duration, and time-based interaction as a means of artistic expression. Students build navigational structures and explore stochastic principles in developing an individual approach to interactivity. Repeatable once for a maximum of 10 credits.

Prereq: ART 115, ART 116, ART 233, ARTD 252.

**ARTD 379. Introduction to Video Art. 4 Credits.**

Intermediate video-audio production and nonlinear editing, including camera, sound, and lighting techniques. Key theoretical, historical, and aesthetic approaches to time-based art in video and sound are surveyed.

Prereq: ART 115, 116, 233 & ARTD 251 or ENG 260, J 201; two from ENG 265, 266, 267; one from ARTD 256, CINE 270, J 208.

**ARTD 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**ARTD 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ARTD 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**ARTD 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**ARTD 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**ARTD 408. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ARTD 409. Terminal Creative Project BFA. 1-12 Credits.**

Repeatable.

**ARTD 410. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARTD 412. Experimental Animation. 5 Credits.**

Intermediate to advanced students explore personal creative practice and experiment with film, video, and computer animation techniques. Integrates readings, screening, and discussion with production.

Prereq: ARTD 361.

**ARTD 413. Emerging Technologies. 5 Credits.**

Explores use of emerging technologies in art. Create works using emerging technologies and techniques and explore contemporary artworks, philosophies, and cultural trends.

Prereq: ARTD 370, 378 or 416.

**ARTD 415. Video Art: Experimental Film. 4 Credits.**

Repeatable. Video and sound art practices, from conceptual deconstructions of the film-video apparatus to self-reflexive socio-political and/or cultural critique, are examined through short format and video installation. Repeatable once for a maximum of 8 credits.

**ARTD 463. Communication Design. 4 Credits.**

Repeatable. Explores the communication of ideas and information through visual means. Introduces design process and principles, visual language, and the art of problem solving in visual communication.

Repeatable once for maximum of 8 credits.

Prereq: ARTD 350.

**ARTD 471. 3-D Computer Imaging. 5 Credits.**

Repeatable. Introduces 3-D computer graphic arts: 3-D digital space and form, model building, scene composition, surface properties, lighting, and rendering 3-D images. Repeatable once for maximum of 10 credits.

Prereq: ARTD 350 or 361.

**ARTD 472. 3-D Computer Animation. 5 Credits.**

Repeatable. Introduces 3-D computer animation arts. Includes time and space in the digital 3-D environment, animation concepts and techniques in 3-D space, production techniques for various multimedia applications. Repeatable once for maximum of 10 credits.

Prereq: ARTD 471.



**ARTD 490. Issues and Practices in Digital Arts. 1-5 Credits.**

Intensive critique, discussion, readings, and presentations. Repeatable up to nine times.

Prereq: B.F.A. standing.

**ARTD 507. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**ARTD 508. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ARTD 510. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARTD 512. Experimental Animation. 5 Credits.**

Intermediate to advanced students explore personal creative practice and experiment with film, video, and computer animation techniques.

Integrates readings, screening, and discussion with production.

Prereq: ARTD 361, 395 or equivalent.

**ARTD 513. Emerging Technologies. 5 Credits.**

Explores use of emerging technologies in art. Create works using emerging technologies and techniques and explore contemporary artworks, philosophies, and cultural trends.

Prereq: ARTD 378 or 4/516.

**ARTD 515. Video Art: Experimental Film. 4 Credits.**

Repeatable. Video and sound art practices, from conceptual deconstructions of the film-video apparatus to self-reflexive socio-political and/or cultural critique, are examined through short format and video installation. Repeatable once for a maximum of 8 credits.

**ARTD 563. Communication Design. 4 Credits.**

Repeatable. Explores the communication of ideas and information through visual means. Introduces design process and principles, visual language, and the art of problem solving in visual communication.

Repeatable once for maximum of 8 credits.

Prereq: ARTD 362, 394 or equivalent.

**ARTD 571. 3-D Computer Imaging. 5 Credits.**

Repeatable. Introduces 3-D computer graphic arts: 3-D digital space and form, model building, scene composition, surface properties, lighting, and rendering 3-D images. Repeatable once for maximum of 10 credits.

**ARTD 572. 3-D Computer Animation. 5 Credits.**

Repeatable. Introduces 3-D computer animation arts. Includes time and space in the digital 3-D environment, animation concepts and techniques in 3-D space, production techniques for various multimedia applications.

Repeatable once for maximum of 10 credits.

Prereq: ARTD 4/571.

**ARTD 601. Research: [Topic]. 1-12 Credits.**

Repeatable.

**ARTD 604. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ARTD 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**ARTD 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**ARTD 607. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**ARTD 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**ARTD 609. Terminal Creative Project MFA. 1-16 Credits.**

Repeatable.

**ARTD 610. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

## Art: Ceramics Courses

### Courses

**ARTC 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ARTC 255. Introduction to Ceramics. 4 Credits.**

Specific skills focus each term. Subjects includes processes related to design development, forming and fabrication, firing methods, glazing.

Prereq: ART 115, ART 116; one from ART 233, PD 223.

**ARTC 354. Industrial Ceramics. 4 Credits.**

Intermediate-level course focusing on skill development pertinent to ceramics industry. Emphasis on material, tools, techniques, and history.

Repeatable three times for a maximum of 16 credits.

Prereq: ART 115, ART 116; one from ART 233, PD 223.

**ARTC 355. Intermediate Ceramics: [Topic]. 4-5 Credits.**

Advanced processes and concepts. Areas of technical focus include slip casting, glaze and decorator surface embellishment, architectural ceramic, low fire, and raku. Repeatable twice for a maximum of 12 credits.

Prereq: ARTC 255.

**ARTC 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**ARTC 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ARTC 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**ARTC 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**ARTC 407. Seminar: [Topic]. 1-3 Credits.**

Repeatable.

**ARTC 408. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ARTC 409. Terminal Creative Project BFA. 1-12 Credits.**

Repeatable.

**ARTC 410. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARTC 455. Advanced Ceramics. 4 Credits.**

Students will be exposed to a range of ceramic histories, technical processes, conceptual frameworks, and professional practices to develop an artistic practice. Repeatable ten times for a maximum of 44 credits.

Prereq: ARTC 255, ARTC 354, ARTC 355.

**ARTC 507. Seminar: [Topic]. 1-3 Credits.**

Repeatable.

**ARTC 508. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ARTC 510. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARTC 555. Advanced Ceramics. 4 Credits.**

Students will be exposed to a range of ceramic histories, technical processes, conceptual frameworks, and professional practices to develop an artistic practice. Repeatable ten times for a maximum of 44 credits.

**ARTC 601. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTC 604. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTC 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTC 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTC 607. Seminar: [Topic]. 1-4 Credits.**  
Repeatable.

**ARTC 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTC 609. Terminal Creative Project MFA. 1-16 Credits.**  
Repeatable.

**ARTC 610. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

## Art: Fibers Courses

### Courses

**ARTF 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**ARTF 270. Introduction to Fibers: [Topic]. 4 Credits.**  
Skills and conceptual concerns of fibers, pertaining to structural textile forms and embellished or manipulated surfaces. Introduces historical and contemporary work through slides and lectures. Repeatable twice for a maximum of 12 credits.  
Prereq: ART 115, ART 116, ART 233.

**ARTF 368. Textile Printing. 4 Credits.**  
Repeatable. Introduction to screen-printing process for fabric and alternative substrates. Textile history, the relevance of printing, and related ideas of decoration, repetition, and appropriation are explored. Repeatable five times for a maximum of 24 credits.  
Prereq: ARTF 270.

**ARTF 369. Woven Structures. 4 Credits.**  
Repeatable. Introduction to floor-loom hand weaving. Traditional and experimental use of materials, techniques, and structures are used to understand weaving as a cross-disciplinary practice. Repeatable five times for a maximum of 24 credits.  
Prereq: ARTF 270.

**ARTF 370. Stitchwork Strategies. 4 Credits.**  
Exploration of stitch techniques, including embroidery, beading, applique, collage, piecing, and quilting. Topics include public versus private, language and narrative, and dimensional forms. Repeatable three times for a maximum of 16 credits.  
Prereq: ARTF 270.

**ARTF 401. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTF 404. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTF 405. Reading and Conference: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTF 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTF 407. Seminar: [Topic]. 1-3 Credits.**  
Repeatable.

**ARTF 408. Workshop: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTF 409. Terminal Creative Project BFA. 1-12 Credits.**  
Repeatable.

**ARTF 410. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTF 456. Advanced Fibers: [Topic]. 3-5 Credits.**  
Repeatable. Develops individual studio practice through exploration of contemporary issues in textile-based processes and expansion of the rhetoric of craft.  
Prereq: one course from ARTF 267, 268, 269, 270; ARTF 368 or 369.

**ARTF 507. Seminar: [Topic]. 1-3 Credits.**  
Repeatable.

**ARTF 508. Workshop: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTF 510. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTF 556. Advanced Fibers: [Topic]. 3-5 Credits.**  
Repeatable. Develops individual studio practice through exploration of contemporary issues in textile-based processes and expansion of the rhetoric of craft.

**ARTF 601. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTF 604. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTF 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTF 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTF 607. Seminar: [Topic]. 1-4 Credits.**  
Repeatable.

**ARTF 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTF 609. Terminal Creative Project MFA. 1-16 Credits.**  
Repeatable.

**ARTF 610. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

## Art: Metalsmithing and Jewelry Courses

### Courses

**ARTM 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**ARTM 257. Introduction to Jewelry and Metalsmithing. 4 Credits.**  
Explores developing and constructing jewelry and objects rooted in material culture. Introduces historical and contemporary work through image presentations, lectures, and independent research.  
Prereq: Art 115, 116, 233

**ARTM 357. Metalsmithing and Jewelry: [Topic]. 3-5 Credits.**

Further exploration of techniques related to conceptual problems.

Content varies by term with a focus on individual processes: hollowware, forging, connections, casting, aluminum anodizing, enameling, stone setting. Repeatable.

Prereq: ARTM 257.

**ARTM 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**ARTM 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ARTM 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**ARTM 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**ARTM 407. Seminar: [Topic]. 1-3 Credits.**

Repeatable.

**ARTM 408. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ARTM 409. Terminal Creative Project BFA. 1-12 Credits.**

Repeatable.

**ARTM 410. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARTM 457. Metalsmithing and Jewelry: [Topic]. 3-5 Credits.**

Emphasis on creative work. Advanced investigation of techniques and process. Content varies by term related to process focus. Includes hollow-ware, forging, connections, casting, aluminum anodizing, enameling, stone setting. Repeatable.

Prereq: ARTM 357.

**ARTM 459. Advanced Metalsmithing and Jewelry. 3-5 Credits.**

Emphasis on individual creative development. Various conceptual problems. Repeatable.

Prereq: ARTM 357.

**ARTM 507. Seminar: [Topic]. 1-3 Credits.**

Repeatable.

**ARTM 508. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ARTM 510. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARTM 557. Metalsmithing and Jewelry: [Topic]. 3-5 Credits.**

Emphasis on creative work. Advanced investigation of techniques and process. Content varies by term related to process focus. Includes hollow-ware, forging, connections, casting, aluminum anodizing, enameling, stone setting. Repeatable.

Prereq: ARTM 357 or equivalent.

**ARTM 559. Advanced Metalsmithing and Jewelry. 3-5 Credits.**

Emphasis on individual creative development. Various conceptual problems. Repeatable.

Prereq: ARTM 357.

**ARTM 601. Research: [Topic]. 1-12 Credits.**

Repeatable.

**ARTM 604. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ARTM 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**ARTM 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**ARTM 607. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**ARTM 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**ARTM 609. Terminal Creative Project MFA. 1-16 Credits.**

Repeatable.

**ARTM 610. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

## Art: Painting Courses

### Courses

**ARTP 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ARTP 281. Introductory Painting I. 4 Credits.**

Basic visual elements and their application to painting as a means of expression. Incorporates traditional subject matter: still life, landscape, figure.

Prereq: ART 115, 116, 233.

**ARTP 381. Introductory Painting II. 4 Credits.**

Integrates concepts and approaches introduced in Introductory Painting I (ARTP 281) to develop more individual and complex strategies of form and meaning. Sequence with ARTP 281.

Prereq: ARTP 281.

**ARTP 390. Intermediate and Advanced Painting. 4 Credits.**

Repeatable. Advanced painting concepts and technical processes.

Independent initiative is encouraged. Repeatable twice for a total of 12 credits.

Prereq: ARTP 381.

**ARTP 391. Intermediate and Advanced Drawing. 4 Credits.**

Repeatable. Continued study in observation related to visual and spatial phenomena. Repeatable twice for a total of 12 credits.

Prereq: ART 333.

**ARTP 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**ARTP 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ARTP 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**ARTP 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**ARTP 407. Seminar: [Topic]. 1-3 Credits.**

Repeatable.

**ARTP 408. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**ARTP 409. Terminal Creative Project BFA. 1-12 Credits.**

Repeatable.

**ARTP 410. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**ARTP 507. Seminar: [Topic]. 1-3 Credits.**

Repeatable.

**ARTP 508. Workshop: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTP 510. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTP 601. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTP 604. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTP 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTP 606. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTP 607. Seminar: [Topic]. 1-4 Credits.**  
Repeatable.

**ARTP 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTP 609. Terminal Creative Project MFA. 1-16 Credits.**  
Repeatable.

**ARTP 610. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

## Art: Photography Courses

### Courses

**ARTO 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**ARTO 250. Introduction to Photography. 4 Credits.**  
Covers basic elements of photography using a DSLR camera and provides a broad-based understanding of photographic practice in a fine art context. Sequence with ARTO 350. Repeatable once for a maximum of 8 credits.  
Prereq: ART 115, ART 116, ART 233.

**ARTO 350. Film and Darkroom. 4 Credits.**  
Technical and aesthetic consideration of black-and-white analog photography. Basics of camera, film development, and photographic print controls in the darkroom. Sequence with ARTO 250. Repeatable once for a maximum of 8 credits.  
Prereq: ARTO 250.

**ARTO 351. Constructed Image Photography. 4 Credits.**  
Explores processes and concepts extending beyond the single photographic image. Narrative and formal strategies in manipulation and sequencing, exploring the materiality of the photograph. Studio course. Repeatable once for a maximum of 8 credits.

**ARTO 352. Creative Large-Format Photography. 4 Credits.**  
Repeatable. Introduces large-format cameras and their aesthetic possibilities. Four-by-five and eight-by-ten view cameras provided. Includes camera use, film and development, printing skills. Repeatable once for maximum of 8 credits.  
Prereq: ARTO 350.

**ARTO 401. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTO 404. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTO 405. Reading and Conference: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTO 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTO 407. Seminar: [Topic]. 1-4 Credits.**  
Repeatable.

**ARTO 408. Workshop: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTO 409. Terminal Creative Project BFA. 1-12 Credits.**  
Repeatable.

**ARTO 410. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTO 455. Conceptual Strategies in Photography. 4 Credits.**  
Repeatable. Studies the 1960s conceptual art movement and its influence on contemporary photography practice: open-ended projects respond to various conceptual frameworks. Repeatable once for a maximum of 8 credits.  
Prereq: ARTO 250.

**ARTO 476. Alternative Photographic Processes. 4 Credits.**  
Repeatable. Combines painterly concerns with printmaking ideas and photographic principles in a mixed-media approach to contemporary image-making through historic and antiquated processes. Studio course. Repeatable once for a maximum of 8 credits.  
Prereq: ARTO 350; one course from ARTO 351, ARTO 352.

**ARTO 484. Advanced Photography: [Topic]. 4 Credits.**  
Repeatable. Investigates photographic practice and philosophy through readings and discussion; students engage in personal studio practice and class critiques. Repeatable once for maximum of 8 credits.  
Prereq: ARTO 450.

**ARTO 507. Seminar: [Topic]. 1-4 Credits.**  
Repeatable.

**ARTO 508. Workshop: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTO 510. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTO 555. Conceptual Strategies in Photography. 4 Credits.**  
Repeatable. Studies the 1960s conceptual art movement and its influence on contemporary photography practice: open-ended projects respond to various conceptual frameworks. Repeatable once for a maximum of 8 credits.

**ARTO 576. Alternative Photographic Processes. 4 Credits.**  
Repeatable. Combines painterly concerns with printmaking ideas and photographic principles in a mixed-media approach to contemporary image-making through historic and antiquated processes. Studio course. Repeatable once for a maximum of 8 credits.

**ARTO 584. Advanced Photography: [Topic]. 4 Credits.**  
Repeatable. Investigates photographic practice and philosophy through readings and discussion; students engage in personal studio practice and class critiques. Repeatable once for maximum of 8 credits.  
Prereq: ARTO 352; ARTO 353 or 4/554.

**ARTO 601. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTO 604. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTO 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTO 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTO 607. Seminar: [Topic]. 1-4 Credits.**  
Repeatable.

**ARTO 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTO 609. Terminal Creative Project MFA. 1-16 Credits.**  
Repeatable.

**ARTO 610. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

## Art: Printmaking Courses

### Courses

**ARTR 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**ARTR 245. Introduction to Printmaking. 4 Credits.**  
Introduction to printmaking methodologies. Explores the unique print, multiples, and variable edition; techniques may include monotype, linocut, collagraph, etching, and screen print.  
Prereq: ART 115, 116, 233.

**ARTR 346. Relief. 4 Credits.**  
Creative exploration of graphic and conceptual possibilities through woodcut and related relief printing methods; techniques include block cutting, registration, single and multicolor printing. Repeatable once for a maximum of 8 credits.  
Prereq: ARTR 245.

**ARTR 347. Intaglio. 4 Credits.**  
Techniques of etching, drypoint, engraving, aquatint, soft ground, lift ground, white ground, embossment, relief plate printing. Emphasizes personal imagery development. Repeatable once for a maximum of 8 credits.  
Prereq: ARTR 245.

**ARTR 348. Screen Printing. 4 Credits.**  
Creative exploration of graphic and conceptual possibilities through screen printing; techniques include registration, color, edition printing, and stencil-making using hand-drawn, photographic, and digital methods. Repeatable once for a maximum of 8 credits.  
Prereq: ARTR 245.

**ARTR 401. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTR 404. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTR 405. Reading and Conference: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTR 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTR 407. Seminar: [Topic]. 1-3 Credits.**  
Repeatable.

**ARTR 408. Workshop: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTR 409. Terminal Creative Project BFA. 1-12 Credits.**  
Repeatable.

**ARTR 410. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTR 446. Intermediate and Advanced Printmaking. 4 Credits.**  
Further exploration of printmaking techniques and concepts with an emphasis on creating a body of work; includes research, discussion, readings, and critiques. Repeatable.  
Prereq: two terms from ARTR 245, 346, 347, 348, 349.

**ARTR 507. Seminar: [Topic]. 1-3 Credits.**  
Repeatable.

**ARTR 508. Workshop: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTR 510. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTR 546. Intermediate and Advanced Printmaking. 4-6 Credits.**  
Further exploration of techniques and concepts with emphasis on discussion and creative work. Content varies by term and may include color methods, chine collé, monoprints. Repeatable.  
Repeatable. Prereq: ARTR 346 or 347 or equivalent.

**ARTR 601. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTR 604. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTR 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTR 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTR 607. Seminar: [Topic]. 1-4 Credits.**  
Repeatable.

**ARTR 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTR 609. Terminal Creative Project MFA. 1-16 Credits.**  
Repeatable.

**ARTR 610. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

## Art: Sculpture Courses

### Courses

**ARTS 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**ARTS 288. Sculpture I: Mixed Media. 3-5 Credits.**  
Investigation of 3-D forms in space using a range of processes. Repeatable three times for a maximum of 20 credits.  
Prereq: ART 115, ART 116, ART 233.

**ARTS 393. Sculpture II: [Topic]. 3-5 Credits.**  
Integration of concepts and materials in sculpture; investigation of individual methodology. Topics vary by term: wood, moldmaking, steel. Reading, presentation on issues and artists. Repeatable when topic changes.  
Prereq: ARTS 288.

**ARTS 401. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTS 404. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTS 405. Reading and Conference: [Topic]. 1-6 Credits.**  
Repeatable.



**ARTS 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTS 407. Seminar: [Topic]. 1-3 Credits.**  
Repeatable.

**ARTS 408. Workshop: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTS 409. Terminal Creative Project BFA. 1-12 Credits.**  
Repeatable.

**ARTS 410. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTS 491. Methodologies: [Topic]. 4 Credits.**  
Explores conceptually driven topics in sculpture such as formless, assemblage, and new landscapes. Sequence with ARTS 288, ARTS 393, ARTS 493. Repeatable twice for a maximum of 12 credits.  
Prereq: ARTS 393.

**ARTS 493. Advanced Sculpture. 4 Credits.**  
Designed for students who have completed several upper-division sculpture courses. Individual and group critiques; development and articulation of individual voice. Repeatable once for a maximum of 8 credits.  
Prereq: ARTS 288, ARTS 393.

**ARTS 507. Seminar: [Topic]. 1-3 Credits.**  
Repeatable.

**ARTS 508. Workshop: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTS 510. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**ARTS 591. Methodologies: [Topic]. 4 Credits.**  
Explores conceptually driven topics in sculpture such as formless, assemblage, and new landscapes. Repeatable twice for a maximum of 12 credits.

**ARTS 601. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTS 604. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**ARTS 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTS 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTS 607. Seminar: [Topic]. 1-4 Credits.**  
Repeatable.

**ARTS 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**ARTS 609. Terminal Creative Project MFA. 1-16 Credits.**  
Repeatable.

**ARTS 610. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

## Asian Studies Courses

### Courses

**ASIA 111. Great Books on Modern Asia. 4 Credits.**  
Students learn about Asia and how knowledge about Asia is produced by reading and discussing four great books written by different authors in various writing genres and perspectives.

**ASIA 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable when topic changes.  
Prereq: freshman or new student.

**ASIA 350. What Is Asia: Theoretical Debates. 4 Credits.**  
An interdisciplinary seminar designed to introduce students to current theoretical debates about Asia, modernization, and area studies.

**ASIA 399. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**ASIA 401. Research: [Topic]. 1-16 Credits.**  
Repeatable.

**ASIA 403. Thesis. 1-12 Credits.**  
Repeatable.  
Prereq: major honor's student.

**ASIA 405. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**ASIA 406. Practicum: [Topic]. 1-16 Credits.**  
Closely supervised participation in the activities of public or private organizations, institutes, and community service agencies. Repeatable.

**ASIA 407. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**ASIA 409. Terminal Project. 1-12 Credits.**  
Repeatable.

**ASIA 410. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**ASIA 425. Asian Foodways. 4 Credits.**  
Explores socio-cultural, political-economic and historical dimensions of food in China, Japan, Korea, Southeast Asia and India, including modernization, transnationalism, globalization. Offered alternate years.

**ASIA 480. Chinese Economy: Transition, Development, Globalization. 4 Credits.**  
Comprehensive introduction to the Chinese economy: market transition; macroeconomic conditions and policies; key sectors such as industry, banking, finance, energy, export, technology, agriculture; globalization. Offered alternate years.

**ASIA 503. Thesis. 1-9 Credits.**  
Repeatable.

**ASIA 507. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**ASIA 510. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**ASIA 525. Asian Foodways. 4 Credits.**  
Explores socio-cultural, political-economic and historical dimensions of food in China, Japan, Korea, Southeast Asia and India, including modernization, transnationalism, globalization. Offered alternate years.

**ASIA 580. Chinese Economy: Transition, Development, Globalization. 4 Credits.**

Comprehensive introduction to the Chinese economy: market transition; macroeconomic conditions and policies; key sectors such as industry, banking, finance, energy, export, technology, agriculture; globalization. Offered alternate years.

**ASIA 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**ASIA 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**ASIA 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ASIA 609. Terminal Project. 1-12 Credits.**

Repeatable.

**ASIA 611. Perspectives on Asian Studies: [Topic]. 1 Credit.**

Explores the diverse perspectives that define Asian studies. Samples conflicts, controversies, and areas of consensus that characterize the field.

**ASIA 612. Theory and Methodology in Asian Studies: [Topic]. 3 Credits.**

Selected Asian studies issues. Repeatable once when topic changes for maximum of 6 credits.

## Astronomy Courses

### Courses

**ASTR 121. The Solar System. 4 Credits.**

Naked-eye astronomy, development of astronomical concepts, and the solar system.

**ASTR 122. Birth and Death of Stars. 4 Credits.**

The structure and evolution of stars.

**ASTR 123. Galaxies and the Expanding Universe. 4 Credits.**

Galaxies and the universe.

**ASTR 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ASTR 321. Topics in Astrophysics. 4 Credits.**

Problem solving of the orbits, kinematics, and dynamics of astronomical systems, structure and evolution of stars and galaxies.

Pre- or coreq: MATH 252; PHYS 252 or equivalents.

## Behavioral Health Courses

### Courses

**BEHT 320. Risk and Resilience in Youth Development. 4 Credits.**

This course focuses on behavioral and mental health problems in childhood and adolescence, and the multitude of risk and protective factors that influence child behavioral and emotional development - including associated contexts, developmental processes, and biological and environmental factors.

**BEHT 321. Digital Media and Behavioral Health. 4 Credits.**

This course examines how children and adolescents use digital media and internet connected technologies, the benefits and risks associated with these patterns of use, and the potential of digital technology to allow new modes of support and service delivery for behavioral health problems.

**BEHT 340. Evidence-Informed Decision-Making. 4 Credits.**

The focus of this course is the use of research evidence to select appropriate practices and programs for promoting the behavioral health of children and adolescents. The course includes foundational knowledge on the "evidence-based practice" paradigm, as well as research methods.

**BEHT 350. Diversity Equity and Inclusion Theory I. 3 Credits.**

This course is the first in a two-course series centered on diversity, equity, and inclusivity in youth behavioral health. This course is designed to provide the foundational knowledge and theories needed for a better understanding of youth and families with diverse identities.

**BEHT 351. Diversity Equity and Inclusion II. 3 Credits.**

This course is the second in a two-course series centered on diversity, equity, and inclusivity in youth behavioral health. This course is designed to provide students with the foundational practices and skills needed to equitably serve youth and families with diverse and often marginalized identities.

Prereq: BEHT 350.

**BEHT 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**BEHT 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**BEHT 402. Supervised College Teaching. 1-12 Credits.**

Repeatable.

**BEHT 403. Thesis. 1-12 Credits.**

Repeatable.

**BEHT 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**BEHT 405. Reading and Conference: [Topic]. 1-12 Credits.**

Repeatable.

**BEHT 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**BEHT 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**BEHT 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**BEHT 409. Terminal Project. 1-12 Credits.**

Repeatable.

**BEHT 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**BEHT 411. Foundational Interviewing and Counseling Skills. 4 Credits.**

This course is designed to facilitate students' development of interviewing and counseling skills with children, adolescents, educators, and family members.

**BEHT 412. Ethics and Professional Practice for CBHS. 4 Credits.**

The focus of this course is ethical and professional issues facing mental health providers, and child behavior health specialists in particular. The course includes foundational knowledge in ethics, as well as models for ethical decision-making.

**BEHT 413. Screening and Risk Assessment. 4 Credits.**

This course is designed to equip students with foundational skills in screening children and adolescents for behavioral and emotional risk. Topics include screener test construction, multiple gate screen procedures, risk assessment, safety planning, selected screening, and universal behavioral and emotional risk screening.

**BEHT 450. Supporting Behavioral Health of Tribal Youth. 3 Credits.**

This course provides an introduction to the political nature of Tribal experiences, the professional knowledge necessary, and methods appropriate for working with Tribal and urban Native communities in behavioral health and educational settings.

Prereq: BEHT 350, BEHT 351.

**BEHT 451. Behavioral Health: Asian and Pacific Islander. 3 Credits.**

This course is designed to promote student awareness and knowledge for effectively working with Asian and Pacific Islander children and adolescents. Topics include immigration and acculturation, identity development, stereotyping and discrimination, family socialization, and culturally-responsive behavioral health promotion, prevention, and limited intervention.

Prereq: BEHT 350, BEHT 351.

**BEHT 452. Supporting Behavioral Health of Latinx Youth. 3 Credits.**

The purpose of this course is to examine factors that influence the well-being of the U.S. Latinx population within a cultural context with an emphasis on youth. This includes focusing on the socio-political context Latinx youth face and how that affects their behavioral health.

Prereq: BEHT 350, BEHT 351.

**BEHT 453. Supporting Behavioral Health of Black Youth. 3 Credits.**

This course is designed to provide knowledge and skills to behavioral health professionals working to improve the social-emotional and behavioral health of Black youth, with a focus on the K-12 school context.

Prereq: BEHT 350, BEHT 351.

**BEHT 454. Supporting Neurodiverse and Disabled Youth. 3 Credits.**

This course is designed to provide knowledge and skills to students working to improve the behavioral health of neurodivergent youth and those with disabilities, with a special focus on the needs of autism spectrum disorders (ASD) and attention deficit hyperactivity disorder (ADHD) youth.

Prereq: BEHT 350 and BEHT 351.

**BEHT 455. Improving Behavioral Health of LGBTQ Youth. 3 Credits.**

This course is designed to provide knowledge and skills to students working to improve the behavioral health of LGBTQ youth. Topics include: understanding of LGBTQ identities and history; risk and protective factors; knowledge of prevention and selecting evidence-based practices; and demonstration of intervention skills.

Prereq: BEHT 350, BEHT 351.

**BEHT 471. Child and Youth Supports and Interventions I. 4 Credits.**

This course is the first in a two-course series designed to teach selected best practices in promotion, prevention, and intervention for common presenting behavioral health problems among children and adolescents, with major emphasis on the application of learned information. Sequence with BEHT 472.

Prereq: BEHT 411.

**BEHT 472. Child and Youth Supports and Interventions II. 4 Credits.**

This course is the second in a two-course series (Child Youth Intervention I II) designed to teach selected best practices in promotion, prevention, and intervention for common presenting behavioral problems among children and adolescents, with major emphasis on the application of learned information. Sequence with BEHT 471.

Prereq: BEHT 471.

**BEHT 473. Parent and Family Supports and Interventions. 4 Credits.**

This course is designed to introduce students to evidence-based approaches to parent training and behavioral support for families. Topics include a review of evidence-based parenting programs, parenting skill training, sociocultural considerations, and family-school partnerships.

Prereq: BEHT 411.

**BEHT 474. Community Interventions to Support Youth and Families. 4 Credits.**

This course provides students with foundational knowledge of how to intervene at the community level to support the development of children, adolescents, and families. Students will learn about empirically supported models and emerging interventions that address community-level social issues.

Prereq: BEHT 411.

**BEHT 481. Supervised Practicum I in Child Behavioral Health. 4 Credits.**

Supervised Practicum I is the first course in a two-part practicum series. The supervised practicum course series provides students the opportunity to observe and gain 90 hours of supervised experience in a behavioral health setting, providing promotion, prevention, and limited intervention services for youth.

Prereq: BEHT 412.

**BEHT 482. Supervised Practicum II in Child Behavioral Health. 4 Credits.**

Supervised Practicum II is the second course in a two-part practicum series. The supervised practicum course series provides students the opportunity to observe and gain 90 hours of supervised experience in a behavioral health setting, providing promotion, prevention, and limited intervention services for youth.

Prereq: BEHT 481.

**BEHT 487. Integrated Practice I in Child Behavioral Health. 8 Credits.**

Integrated Practice I is the first course in a three-part integrated practice series. Integrated Practice I in Child Behavioral Health provides students the opportunity to assume the role of a child behavioral health specialist under the supervision of a licensed mental health professional.

Prereq: BEHT 482.

**BEHT 488. Integrated Practice II in Child Behavioral Health. 8 Credits.**

Integrated Practice II is the second course in a three-part integrated practice series. Integrated Practice II in Child Behavioral Health provides students the opportunity to assume the role of a child behavioral health specialist under the supervision of a licensed mental health professional.

Prereq: BEHT 487.

**BEHT 489. Integrated Practice III in Child Behavioral Health. 8 Credits.**

Integrated Practice III is the final course in a three-part integrated practice series. Integrated Practice III in Child Behavioral Health provides students the opportunity to assume the role of a child behavioral health specialist under the supervision of a licensed mental health professional.

Prereq: BEHT 488.

**BEHT 503. Thesis. 1-16 Credits.**

Repeatable.

**BEHT 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**BEHT 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**BEHT 510. Experimental Course. 1-5 Credits.**

Repeatable.

**BEHT 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**BEHT 603. Dissertation. 1-16 Credits.**

Repeatable.

**BEHT 604. Internship: [Topic]. 1-9 Credits.**

Repeatable.

**BEHT 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**BEHT 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**BEHT 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**BEHT 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**BEHT 609. Terminal Project. 1-16 Credits.**

Repeatable.

**BEHT 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**BEHT 621. Teaching Self-Regulation in Childhood and Adolescence. 4 Credits.**

In this course, students will acquire foundational knowledge in self-regulation, with a focus on the behavioral, cognitive, and emotional domains. Students will also learn how to select and install evidence-based self-regulation strategies, curricula, and programs.

**BEHT 622. Trauma-Informed Supports for Children and Adolescents. 4 Credits.**

In this course, students will learn how to recognize and respond to trauma in children and adolescents. Students will develop skills for engaging in critical conversations with children and adolescents, caregivers, and service professionals centered on meeting children and adolescents' behavioral health needs.

**BEHT 623. Developing and Maintaining Healthy Relationships. 4 Credits.**

In this course, students will develop an understanding of the central role that relationships can have on the well-being of self, children, adolescents, and adults. Students will gain self-awareness into their own relationship styles, identify keys for successful relationships, and how to avoid destructive relationships.

## Bioengineering Courses

### Courses

**BIOE 196. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**BIOE 198. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**BIOE 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**BIOE 251. Fundamentals of Bioengineering I. 4 Credits.**

This course introduces students to foundational principles in bioengineering. Topics include units, dimensional analysis, energy balances, conservation of mass, energy, and momentum, and introductory biomechanics.

Prereq: MATH 246 or MATH 251; co-req: MATH 247 or MATH 252; recommend co-req: PHYS 201 or PHYS 251.

**BIOE 252. Fundamentals of Bioengineering II. 4 Credits.**

This course introduces students to foundational principles in bioengineering. Topics include linear circuits, Fourier transforms, fluid pressure, the Bernoulli Equation, conservation principles in fluid control volumes, and laminar fluid flow.

Prereq: MATH 247 or MATH 252; recommend co-req: PHYS 202 or PHYS 252.

**BIOE 253. Fundamentals of Bioengineering III. 4 Credits.**

This course introduces students to foundational principles in bioengineering. Students will learn basic concepts and experimental approaches across a variety of bioengineering topics and applications, including mass and energy balances, biomass conversion, fluid flow, spectrophotometry, and diffusion.

Prereq: MATH 247 or MATH 252; PHYS 202 or PHYS 252 recommended.

**BIOE 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**BIOE 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**BIOE 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**BIOE 402. Supervised College Teaching. 1-5 Credits.**

Repeatable.

**BIOE 403. Thesis. 1-12 Credits.**

Repeatable.

**BIOE 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**BIOE 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

**BIOE 406. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**BIOE 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**BIOE 408. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**BIOE 409. Terminal Project. 1-12 Credits.**

Repeatable.

**BIOE 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**BIOE 410L. Experimental Course: [Topic]. 4 Credits.**

Repeatable.

**BIOE 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**BIOE 510L. Experimental Course: [Topic]. 4 Credits.**

Repeatable.

**BIOE 601. Research: (Topic). 1-16 Credits.**

Repeatable.

**BIOE 603. Dissertation. 1-16 Credits.**

Repeatable.

**BIOE 607. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**BIOE 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**BIOE 610L. Experimental Course: [Topic]. 4 Credits.**  
Repeatable.

## Biology Courses

### Courses

**BI 121. Introduction to Human Physiology. 4 Credits.**

Study of body functions with emphasis on organs and systems. Cell function, genetics, nutrition, exercise; function of the gut, heart, vessels, glands, lungs, nerves, and muscles with practical applications. Lecture, laboratories.

**BI 122. Introduction to Human Genetics. 4 Credits.**

Principle concepts of genetics and application to humans: genetic diseases, cancer, sex development, population genetics, and methodology of genetic testing, gene editing and gene therapy. Ethical and societal implications of prenatal tests, BRCA gene tests, sex-testing, ancestry services and CRISPR.

**BI 123. Biology of Cancer. 4 Credits.**

Comparison of cancer cells with normal cells; causes of cancer, including viral and environmental factors; biological basis of therapy. Lectures, laboratories.

**BI 130. Introduction to Ecology. 4 Credits.**

The concept of an ecosystem; organismal energetics; biogeochemical cycles; succession; population growth; species interactions, species diversity; implications for human ecosystems. Lectures, discussions.

**BI 132. Introduction to Animal Behavior. 4 Credits.**

Animal behavior, its evolutionary origins, and its neural mechanisms. Readings and films illustrate the adaptive nature of orientation, navigation, communication, and social behavior. Lectures, discussions.

**BI 140. Science, Policy, and Biology. 4 Credits.**

Explores the biology behind important topical issues such as stem cells, cloning, and genetically modified organisms. How policy decisions affect research in these areas. Lectures, discussions.

**BI 150. Ocean Planet. 4 Credits.**

This course is designed to give students an appreciation for the global ocean, the diversity of marine life, methods and techniques for studying the sea, and their own opportunities to contribute to sustainable and healthy marine ecosystems. Credits will be deducted for regression if BI 357 is taken first. Students cannot receive credit for both BI 150 and EARTH 307.

**BI 170. Happiness: a Neuroscience and Psychology Perspective. 4 Credits.**

Examination of studies in neuroscience and positive psychology that explore the mental and behavioral actions leading to the self-reporting of a well-lived and fulfilling life. Exploration of the interaction of multiple psychological and neural circuit variables in development of a positive mental state.

**BI 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**BI 198. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**BI 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**BI 199L. Special Studies: [Topic]. 4 Credits.**

Repeatable.

**BI 211. General Biology I: Cells. 5 Credits.**

How cells carry out functions of living organisms; genetic basis of inheritance; how genes and proteins work. Lectures, laboratories. Sequence with BI 212, BI 213, BI 214. Prereq: CH 111 or CH 113 or CH 114 or CH 221 or CH 224H.

**BI 212. General Biology II: Organisms. 5 Credits.**

How cells develop and interact within complex organisms. Comparative anatomy and physiology of plants and animals. Lectures, laboratories-discussions. Sequence with BI 211, BI 213, BI 214. Prereq: BI 211.

**BI 213. General Biology III: Ecology and Evolution. 5 Credits.**

How organisms interact with their environments and with each other; ecology, evolution, and diversity. Lectures, laboratories, field trips. Prereq: BI 211.

**BI 214. General Biology IV: Biochemistry and Genetics. 5 Credits.**

Topics in Biochemistry: Amino Acid Chemistry, Protein Structure and Function, Hemoglobin, DNA Structure and Mutations; Topics in Genetics: Metabolic Pathways, Mutant Analysis, Complementation Tests, Regulation of Transcription, and the Lac Operon. Both lectures and laboratories. Sequence with BI 211, BI 212. Prereq: BI 212 and CH 223 or CH 226H.

**BI 281H. Honors Biology I: Cells, Biochemistry and Physiology. 5 Credits.**

Focuses on the cellular structures and chemical reactions that allow cells to grow, to transform energy, and to communicate. Lectures, laboratories. Sequence with BI 282H, BI 283H. Prereq: CH 223 or CH 226H or equivalent.

**BI 282H. Honors Biology II: Genetics and Molecular Biology. 5 Credits.**

How living organisms store, replicate, and transmit their genetic information, and how this information directs the activities of the cell and organism. Lectures, laboratories. Sequence with BI 281H, BI 283H. Prereq: BI 281H with C- or better or P.

**BI 283H. Honors Biology III: Evolution, Diversity and Ecology. 5 Credits.**

The genetic basis and ecological context of evolutionary change leading to an examination of the generation and major patterns of biodiversity. Lectures, laboratories, field trips. Sequence with BI 281H, BI 282H. Prereq: BI 282H with grade of C- or better or P

**BI 307. Forest Biology. 4 Credits.**

Structure and function of forested ecosystems emphasizing the Pacific Northwest. Interactions among trees, microorganisms, and animals; disturbance and recovery; forest management. Lectures, laboratories, field trips. Prereq: BI 213 or BI 283H.

**BI 309. Tropical Diseases in Africa. 4 Credits.**

Biological and medical aspects of major infectious and parasitic diseases in Africa, including HIV/AIDS and malaria; socioeconomic issues in public health; case studies. Lectures, discussions. Prereq: BI 212 or BI 282H.

**BI 320. Molecular Genetics. 4 Credits.**

Molecular mechanisms regulating control of gene expression. Topics include chromosome structure, transcription and processing of RNA, control of transcription, translational control, and genetic rearrangement. Lectures, discussions. Prereq: BI 214 or BI 282H.



**BI 322. Cell Biology. 4 Credits.**

Eukaryotic cell nuclear structure and exchange, protein trafficking, endocytosis, chaperones, cytoskeletal functions, intercellular junctions, extracellular materials, signaling, cell division mechanics and controls, aging and death. Lectures, discussions.

Prereq: BI 214 or BI 282H; CH 331 recommended.

**BI 326. Immunology and Infectious Disease. 4 Credits.**

In this course we will explore the principles of immune system function as well as how microorganisms avoid the immune system to cause infectious disease. Topics include innate and adaptive immunity, cells of the immune system, vaccines, antibiotics, and immune-based therapies.

Prereq: BI 214 or BI 282H.

**BI 328. Developmental Biology. 4 Credits.**

Topics include genetic regulation, nucleocytoplasmic interactions, organogenesis, morphogenesis, pattern formation, cell differentiation, and neoplasia. Lectures, laboratories.

Prereq: BI 214 or BI 282H.

**BI 330. Microbiology. 3 Credits.**

Biology of bacteria: photosynthetic, heterotrophic, and others. Cell structure and function, metabolism including anaerobic and O<sub>2</sub>-producing photosynthesis, nitrogen fixation, species interactions, and role in major geochemical cycles. Lectures.

Prereq: BI 214 or BI 282H.

**BI 331. Microbiology Laboratory. 3 Credits.**

Microbial diversity through laboratory projects involving enrichments, culture isolations, and partial characterizations. Two scheduled laboratories and one scheduled lecture per week; additional unscheduled time required. Laboratories.

Prereq: BI 214 or BI 282H; pre- or coreq: BI 330.

**BI 353. Sensory Physiology. 4 Credits.**

Introduction to physiology of the senses: cellular physiology of peripheral receptors through the computational mechanisms that are ultimately related to perception. Lectures, discussions.

Prereq: BI 214 or BI 282H.

**BI 356. Animal Physiology. 5 Credits.**

Neurophysiology, endocrinology, muscle contraction, and homeostatic mechanisms of circulation, respiration, metabolism, ionic regulation, and excretion in mammals; comparison with those in other animals. Lectures, laboratories.

Prereq: BI 214 or BI 281H.

**BI 357. Marine Biology. 4 Credits.**

Ecology and physiology of marine plants and animals. Comparisons of various marine habitats. Human influences on marine systems. Lectures, laboratories, field trips.

Prereq: BI 213 or BI 283H. Credits will be deducted for regression if BI 458 or BI 474 are taken first.

**BI 358. Investigations in Medical Physiology. 4 Credits.**

Human physiology with research and clinical medicine applications. Nervous system, addiction medicine, endocrinology, immunology, cardiology, digestion, nutrition, reproduction, infertility, pediatrics, and ophthalmology. Lectures, discussions, primary literature research. Human anatomy and physiology background preferred.

Prereq: one from BI 214, BI 283H, HPHY 324.

**BI 359. Plant Biology. 4 Credits.**

A detailed introduction of the unique features of the biology of land plants, including ecology, physiology, developmental genetics, and evolutionary biology. Lectures, discussions.

Prereq: BI 211; BI 212; BI 213 or BI 281H; BI 282H; BI 283H.

**BI 360. Neurobiology. 4 Credits.**

Function of the nervous system from the single neuron to complex neural networks. Topics range from molecular and cellular neurobiological mechanisms to systems and behavioral analyses. Lectures, discussions.

Prereq: BI 214 or BI 282H.

**BI 370. Ecology. 5 Credits.**

Relationship of organisms to their environment in space and time. Factors controlling the distribution and abundance of organisms, introductions to community systems, and ecosystems. Required fieldwork. Lectures, laboratories, field trips.

Prereq: BI 213 or BI 283H. Calculus or statistics recommended.

**BI 374. Conservation Biology. 4 Credits.**

Global patterns of biological diversity; major threats to biodiversity; application of ecology, evolution, genetics, and other areas to protect and maintain biodiversity. Lectures, discussions.

Prereq: BI 213 or BI 283H.

**BI 380. Evolution. 4 Credits.**

Origin and maintenance of genetic variability. Historical and geographic patterns of variation. Application of population genetics to understanding evolutionary processes; modes of speciation. Lectures, discussions.

Prereq: college algebra and BI 213 or BI 283H.

**BI 390. Animal Behavior. 4 Credits.**

How and why animals behave, and how animal behavior is studied.

Mechanisms of behavior, behavioral ecology, and sociobiology. Lectures, discussions.

Prereq: BI 213 or BI 283H.

**BI 395. Tropical Ecology. 4 Credits.**

Ecological theories for the maintenance of tropical diversity is the main focus of the course. Topics include biogeography, human land use change, and eco-evolutionary perspectives.

Prereq: BI 213 or BI 283H.

**BI 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

Prereq: BI 212 and BI 213 and BI 214 or BI 283H.

**BI 399L. Special Studies: [Topic]. 4 Credits.**

Repeatable.

Prereq: BI 212 and BI 213 and BI 214 or BI 283H.

**BI 401. Research: [Topic]. 1-16 Credits.**

Repeatable.

**BI 402. Supervised College Teaching. 1-6 Credits.**

Repeatable for maximum of 9 credits.

**BI 403. Thesis. 1-12 Credits.**

Repeatable.

**BI 404. Internship: [Topic]. 1-16 Credits.**

Repeatable.

**BI 405. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**BI 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**BI 407. Seminar: [Topic]. 1-2 Credits.**

Repeatable.

**BI 408. Workshop: [Topic]. 1-12 Credits.**

Special laboratory training in research methods. A fee may be charged for supplies and materials that become the property of the student.

Repeatable

**BI 409. Capstone. 1-12 Credits.**

Repeatable.

**BI 410. Experimental Course: [Topic]. 1-16 Credits.**

Repeatable.

Prereq: BI 212 and BI 213 and BI 214 or BI 283H.

**BI 410L. Experimental Course: [Topic]. 4 Credits.**

Repeatable.

**BI 422. Protein Toxins in Cell Biology. 4 Credits.**

Mechanisms used by protein toxins to kill other organisms and how they have been used as molecular scalpels to dissect pathways in cell and neurobiology. Lectures, discussions.

Prereq: BI 322, BI 356, or BI 360.

**BI 423. Human Molecular Genetics. 4 Credits.**

Advanced topics in genetics that relate to human development and disease. The human genome, sex determination, X chromosome inactivation, chromosomal abnormalities, trinucleotide repeat expansions, cancer. Lectures, discussions.

Prereq: BI 320.

**BI 426. Genetics of Cancer. 4 Credits.**

Genetic regulation of cancer. Topics include oncogenes and tumor suppressor genes, signal transduction pathways, genetic animal models, and rationale treatment design. Lectures, discussions.

Prereq: BI 214 or BI 282H; one course from BI 320, BI 322.

**BI 427. Molecular Genetics of Human Disease. 4 Credits.**

Advanced discussions of heritable diseases from single-gene mutations such as cystic fibrosis to complex multigenetic diseases such as autism and schizophrenia. Lectures, discussions.

Prereq: BI 320.

**BI 428. Developmental Genetics. 4 Credits.**

Genetic regulation of development, including investigations of molecular mechanisms and studies of developmental mutants. Topics include molecular biology of eukaryotic chromosomes, genetic mosaics, and models of gene regulation. Lectures, discussions.

Prereq: BI 320, BI 328.

**BI 432. Mycology. 5 Credits.**

Physiology, ecology, structure, and classification of fungi; emphasis on structural and physiological adaptations to saprophytic, parasitic, and symbiotic modes of existence. Lectures, laboratories.

Prereq: BI 213 or BI 283H.

**BI 433. Bacterial-Host Interactions. 4 Credits.**

Examines spectrum of interactions between bacteria and animals, from pathogenesis to symbiosis, focusing on the molecular and cellular bases of these interactions. Lectures, discussions.

Prereq: BI 320 or BI 322 or BI 330.

**BI 442. Systematic Botany. 5 Credits.**

Principles of plant classification with emphasis on flowering plants, introduction to taxonomic theory and methods of biosystematics, collection and identification procedures, recognition of common families in native flora. Lectures, laboratories, field trips.

Prereq: BI 213 or BI 283H.

**BI 448. Field Botany. 4 Credits.**

Intensive study of the regional flora; ecology and native uses; sight recognition of prominent species; field characteristics of principal plant families; identification using dichotomous keys. Lectures, field trips. Offered summer session only.

Prereq: BI 213 or BI 283H.

**BI 451. Invertebrate Zoology. 1-8 Credits.**

Representative invertebrate groups with emphasis on marine forms; morphology, systematics, life history, and ecology. Lectures, laboratories, field trips. Offered at Oregon Institute of Marine Biology.

Prereq: BI 213 or BI 283H.

**BI 452. Insect Biology. 4 Credits.**

Anatomy, physiology, systematics, and behavior of insects. Insect societies. Lectures, laboratories, field trips. Offered summer session only.

Prereq: BI 213 or BI 283H.

**BI 454. Estuarine Biology. 5 Credits.**

The biological and physical factors regulating abundance, distribution, production, and biodiversity within estuaries. Includes field trips to marshes, tidal flats and exploration of estuarine habitats. Offered at Oregon Institute of Marine Biology.

Prereq: BI 213 or BI 283H.

**BI 455. Marine Birds and Mammals. 1-6 Credits.**

Principles of morphology, physiology, evolution, life history, and systematics as demonstrated through study of birds and mammals of the Oregon coast. Comparison of the fauna from the open sea to coastal waters. Lectures, laboratory, field trips. Offered at Oregon Institute of Marine Biology.

Prereq: BI 213 or BI 283H.

**BI 457. Marine Biology: [Topic]. 1-8 Credits.**

Content varies. Topics include comparative embryology, environmental issues, biology of fishes, and other subjects related to marine biology. Lectures, laboratories, field trips. Repeatable when topic changes.

Offered at Oregon Institute of Marine Biology.

Prereq: BI 212 & BI 213 or BI 283H.

**BI 458. Biological Oceanography. 5 Credits.**

Examines patterns of biological productivity and controlling physical and chemical mechanisms in the various environments of the world's oceans. Lectures, laboratories, field trips. Offered at Oregon Institute of Marine Biology.

Prereq: BI 213 or BI 283H.

**BI 461. Systems Neuroscience. 4 Credits.**

Principles of organization of nervous systems with emphasis on vertebrate brain and spinal cord. Functional implications of synaptic organization and pattern of projections, and comparative aspects. Lectures, discussions.

Prereq: BI 353 or BI 360 or equivalent.

**BI 463. Cellular Neuroscience. 4 Credits.**

Physiology of excitation, conduction, and synaptic transmission. Lectures, discussions.

Prereq: BI 360.

**BI 466. Developmental Neurobiology. 4 Credits.**

Mechanisms underlying development of the nervous system. The genesis of nerve cells; differentiation of neurons; synaptogenesis and neuronal specificity; plasticity, regeneration, and degeneration of nervous tissue. Lectures, discussions.

Prereq: BI 320, BI 328.

**BI 468. Amphibians and Reptiles of Oregon. 4 Credits.**

Field identification and understanding of ecology, biogeography, and evolution of the common herpetofauna of four major physiographic regions of Oregon. Conservation biology issues addressed. Lectures, field trips. Offered summer session only.

Prereq: one year of college biology or BI 213 or BI 283H.

**BI 471. Population Ecology. 4 Credits.**

Theoretical, experimental and applied aspects of growth, structure, and regulation of natural populations; population estimation; demographic analysis; life-history theory. Lectures, discussions.

Prereq: MATH 247 or MATH 252; BI 370.

**BI 472. Community Ecology. 4 Credits.**

Quantitative and conceptual approaches to the study of biological communities. Biodiversity measurement. Effect of climate and climate change on ecosystem structure and function. Lectures, discussions.

Prereq: BI 370.

**BI 474. Marine Ecology. 1-8 Credits.**

Factors that influence the distribution, abundance, and diversity of marine organisms. Field emphasis on local intertidal and shallow-water communities. Offered at Oregon Institute of Marine Biology.

Prereq: BI 213 or BI 283H.

**BI 484. Molecular Evolution. 4 Credits.**

General description of patterns of molecular variation within and between species, underlying mechanisms, and methods of analysis.

Prereq: BI 320 or BI 380.

**BI 488. Evolutionary Processes. 4 Credits.**

Critical discussion of the ecological and evolutionary genetic processes associated with adaptation in natural populations; draws from topics in population, quantitative, and molecular genetics, molecular evolution, and statistics.

Prereq: BI 380.

**BI 497M. Deterministic Dynamical Modeling in Biology. 4 Credits.**

This course covers deterministic dynamical models in biology, i.e., models that describe the behavior of a biological system over time as a result of internal feedback loops and external forcings. The focus will be on differential equations, discrete-time models and related computational (programming) tools. Multilisted with MATH 497M.

Prereq: One from MATH 242, MATH 247, MATH 252, MATH 262, MATH 320; one from MATH 243, DSCI 345M, MATH 345M, MATH 461, MATH 467.

**BI 499M. Stochastic Dynamical Modeling in Biology. 4 Credits.**

This course covers stochastic dynamical models in biology, i.e., mathematical models that describe the behavior of non-deterministic biological systems as a result of internal feedback loops, external forcings and random processes. Topics include stochastic iterative maps, Markov chains, vector autoregression models, and time series analysis. Multilisted with MATH 499M.

Prereq: One from MATH 242, MATH 247, MATH 252, MATH 262, MATH 320; one from MATH 243, DSCI 345M, MATH 345M, MATH 461, MATH 467. Basic programming skills recommended.

**BI 503. Thesis. 1-16 Credits.**

Repeatable.

**BI 507. Seminar: [Topic]. 1-2 Credits.**

Repeatable.

**BI 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**BI 510. Experimental Course: [Topic]. 1-16 Credits.**

Repeatable.

**BI 510L. Experimental Course: [Topic]. 4 Credits.**

Repeatable.

**BI 522. Protein Toxins in Cell Biology. 4 Credits.**

Mechanisms used by protein toxins to kill other organisms and how they have been used as molecular scalpels to dissect pathways in cell and neurobiology. Lectures, discussions.

**BI 523. Human Molecular Genetics. 4 Credits.**

Advanced topics in genetics that relate to human development and disease. The human genome, sex determination, X chromosome inactivation, chromosomal abnormalities, trinucleotide repeat expansions, cancer. Lectures, discussions.

**BI 526. Genetics of Cancer. 4 Credits.**

Genetic regulation of cancer. Topics include oncogenes and tumor suppressor genes, signal transduction pathways, genetic animal models, and rationale treatment design. Lectures, discussions.

**BI 527. Molecular Genetics of Human Disease. 4 Credits.**

Advanced discussions of heritable diseases from single-gene mutations such as cystic fibrosis to complex multigenetic diseases such as autism and schizophrenia. Lectures, discussions.

**BI 528. Developmental Genetics. 4 Credits.**

Genetic regulation of development, including investigations of molecular mechanisms and studies of developmental mutants. Topics include molecular biology of eukaryotic chromosomes, genetic mosaics, and models of gene regulation. Lectures, discussions.

**BI 532. Mycology. 5 Credits.**

Physiology, ecology, structure, and classification of fungi; emphasis on structural and physiological adaptations to saprophytic, parasitic, and symbiotic modes of existence. Lectures, laboratories.

**BI 533. Bacterial-Host Interactions. 4 Credits.**

Examines spectrum of interactions between bacteria and animals, from pathogenesis to symbiosis, focusing on the molecular and cellular bases of these interactions. Lectures, discussions.

**BI 542. Systematic Botany. 5 Credits.**

Principles of plant classification with emphasis on flowering plants, introduction to taxonomic theory and methods of biosystematics, collection and identification procedures, recognition of common families in native flora. Lectures, laboratories, field trips.

**BI 548. Field Botany. 4 Credits.**

Intensive study of the regional flora; ecology and native uses; sight recognition of prominent species; field characteristics of principal plant families; identification using dichotomous keys. Lectures, field trips. Offered summer session only.

**BI 551. Invertebrate Zoology. 1-8 Credits.**

Representative invertebrate groups with emphasis on marine forms; morphology, systematics, life history, and ecology. Lectures, laboratories, field trips. Offered at Oregon Institute of Marine Biology.

**BI 552. Insect Biology. 4 Credits.**

Anatomy, physiology, systematics, and behavior of insects. Insect societies. Lectures, laboratories, field trips. Offered summer session only.

**BI 554. Estuarine Biology. 5 Credits.**

The biological and physical factors regulating abundance, distribution, production, and biodiversity within estuaries. Includes field trips to marshes, tidal flats and exploration of estuarine habitats. Offered at Oregon Institute of Marine Biology.

**BI 555. Marine Birds and Mammals. 1-6 Credits.**

Principles of morphology, physiology, evolution, life history, and systematics as demonstrated through study of birds and mammals of the Oregon coast. Comparison of the fauna from the open sea to coastal waters. Lectures, laboratory, field trips. Offered at Oregon Institute of Marine Biology.

**BI 557. Marine Biology: [Topic]. 1-8 Credits.**

Content varies. Topics include comparative embryology, environmental issues, biology of fishes, and other subjects related to marine biology. Lectures, laboratories, field trips. Repeatable when topic changes. Offered at Oregon Institute of Marine Biology.

**BI 558. Biological Oceanography. 5 Credits.**

Examines patterns of biological productivity and controlling physical and chemical mechanisms in the various environments of the world's oceans. Lectures, laboratories, field trips. Offered at Oregon Institute of Marine Biology.

**BI 561. Systems Neuroscience. 4 Credits.**

Principles of organization of nervous systems with emphasis on vertebrate brain and spinal cord. Functional implications of synaptic organization and pattern of projections, and comparative aspects. Lectures, discussions.

**BI 563. Cellular Neuroscience. 4 Credits.**

Physiology of excitation, conduction, and synaptic transmission. Lectures, discussions.

**BI 566. Developmental Neurobiology. 4 Credits.**

Mechanisms underlying development of the nervous system. The genesis of nerve cells; differentiation of neurons; synaptogenesis and neuronal specificity; plasticity, regeneration, and degeneration of nervous tissue. Lectures, discussions.

**BI 568. Amphibians and Reptiles of Oregon. 4 Credits.**

Field identification and understanding of ecology, biogeography, and evolution of the common herpetofauna of four major physiographic regions of Oregon. Conservation biology issues addressed. Lectures, field trips. Offered summer session only.

**BI 571. Population Ecology. 4 Credits.**

Theoretical, experimental and applied aspects of growth, structure, and regulation of natural populations; population estimation; demographic analysis; life-history theory. Lectures, discussions.

**BI 572. Community Ecology. 4 Credits.**

Quantitative and conceptual approaches to the study of biological communities. Biodiversity measurement. Effect of climate and climate change on ecosystem structure and function. Lectures, discussions.

**BI 574. Marine Ecology. 1-8 Credits.**

Factors that influence the distribution, abundance, and diversity of marine organisms. Field emphasis on local intertidal and shallow-water communities. Offered at Oregon Institute of Marine Biology.

**BI 584. Molecular Evolution. 4 Credits.**

General description of patterns of molecular variation within and between species, underlying mechanisms, and methods of analysis.

**BI 588. Evolutionary Processes. 4 Credits.**

Critical discussion of the ecological and evolutionary genetic processes associated with adaptation in natural populations; draws from topics in population, quantitative, and molecular genetics, molecular evolution, and statistics.

**BI 597M. Deterministic Dynamical Modeling in Biology. 4 Credits.**

This course covers deterministic dynamical models in biology, i.e., models that describe the behavior of a biological system over time as a result of internal feedback loops and external forcings. The focus will be on differential equations, discrete-time models and related computational (programming) tools. Multilisted with MATH 597M.

**BI 599M. Stochastic Dynamical Modeling in Biology. 4 Credits.**

This course covers stochastic dynamical models in biology, i.e., mathematical models that describe the behavior of non-deterministic biological systems as a result of internal feedback loops, external forcings and random processes. Topics include stochastic iterative maps, Markov chains, vector autoregression models, and time series analysis. Multilisted with MATH 599M.

**BI 600M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**BI 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**BI 603. Dissertation. 1-16 Credits.**

Repeatable.

**BI 604. Internship: [Topic]. 1-16 Credits.**

Repeatable.

**BI 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**BI 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**BI 607. Seminar: [Topic]. 1-3 Credits.**

Topics may include neurobiology, developmental biology, ecology colloquium, genetics, molecular biology, and neuroscience. Repeatable.

**BI 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**BI 609. Capstone. 1-12 Credits.**

Repeatable.

**BI 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**BI 610L. Experimental Course: [Topic]. 1-2 Credits.**

Repeatable.

**BI 620. Molecular Genetics. 4 Credits.**

Use of modern genetic techniques to analyze gene function. Illustrates the use of model organisms including yeast, worms, flies, and mice. Covers forward genetics (function-driven gene discovery) and reverse genetics.

**BI 621. Computational Methods in Genomic Analysis. 4 Credits.**

An introduction to Unix shell, Python, and R programming skills for analysis of biological data sets, specifically focusing on high-throughput sequencing data.

**BI 622. Genomics Techniques. 4 Credits.**

Students will be introduced to various genomics laboratory techniques, as well as trained in oral and written scientific communication.

**BI 623. Advanced Topics in Genomics Analysis. 4 Credits.**

Exposure to a variety of topics in genomics analysis including phylogenetics, transcriptome assembly, transcript quantification, and microbial community analysis.

**BI 624. Genomics Research Lab. 4 Credits.**

Group research on high-throughput sequencing data.



**BI 625. Advanced Genomic Analysis. 4 Credits.**

Group research on high-throughput sequencing data and special topics in genomics analysis.

Prereq: BI 624.

## Black Studies Courses

### Courses

**BLST 141. Writing in Black: [Topic]. 4 Credits.**

This course centers the act of writing and how blackness is understood and lived in the US, especially how Blackness can shape understandings of existence both in terms of critiquing power and enacting freedom dreams.

**BLST 196. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**BLST 198. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**BLST 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**BLST 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**BLST 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**BLST 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**BLST 403. Thesis. 1-12 Credits.**

Repeatable.

**BLST 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**BLST 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

**BLST 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**BLST 409. Terminal Project. 1-12 Credits.**

Repeatable.

**BLST 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

## Business Administration Courses

### Courses

**BA 101. Introduction to Business. 4 Credits.**

Historical, social, political, economic, and legal environments within which business operates. Interrelationships of the functional areas of management, finance, marketing, accounting, and international studies.

**BA 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when the topic changes.

**BA 215. Accounting: Language of Business Decisions. 4 Credits.**

How the accounting model reflects business transactions or events. Interpretation and analysis of financial statements. Understanding cost and revenue information, organization, and decisions.

Prereq: BA 101.

**BA 240. Spreadsheet Analysis and Visualization. 4 Credits.**

Data-oriented approaches for structuring and analyzing information, with applications in the traditional functional areas of business, emphasizing modern techniques for developing fact-based decision models.

**BA 252. Global Perspectives in Business. 4 Credits.**

An interdisciplinary introduction to what it means to participate in a global economy, critically reflecting on globalization, the impacts of business activity, human rights, global finance, marketing, and management. Also explores concepts and skills in intercultural communication and working with others from around the world.

**BA 308. Leadership and Communication. 4 Credits.**

Personal leadership and communication skills. Focuses on self-awareness for leading, persuading, and working with others; effective business writing and speaking; and team development. Students may not receive credit both BA 308 and BA 308H. Sophomore standing required.

Prereq: BA 101; WR 122Z or WR 123.

**BA 308H. Leadership and Communication. 4 Credits.**

Personal leadership and communication skills. Focuses on self-awareness for leading, persuading, and working with others; effective business writing and speaking; and team development. Students may not receive credit both BA 308 and BA 308H. Open only to students in the LCB Honors Program.

Prereq: BA 101; WR 122Z or WR 123.

**BA 315. Economy, Industry, and Competitive Analysis. 4 Credits.**

Free enterprise capitalism and market competition. Economic value added, product cost, and product pricing. Organizational arrangements and the control of economic activity.

Prereq: BA 101.

**BA 316. Management: Creating Value through People. 4 Credits.**

Management systems for planning, controlling, organizing, and leading; how they influence human behavior in organizations. Selecting, training, retaining, and motivating the human resource in organization.

Prereq: BA 101.

**BA 317. Marketing: Creating Value for Customers. 4 Credits.**

Market analysis, target customer identification, and development of marketing-mix strategies to deliver superior customer value and contribute to the performance of the organization.

Prereq: BA 101.

**BA 318. Finance: Creating Value through Capital. 4 Credits.**

Financial statement analysis, pro forma statements and capital budgeting, time value of money, net present-value analysis, risk and cost of capital.

Prereq: BA 101; BA 215 or ACTG 211.

**BA 325. Business Law and Ethics. 4 Credits.**

Legal and ethical environments of business, including U.S. legal concepts, social and environmental impacts of business, and ethical decision making.

Prereq: BA 101; WR 122Z or WR 123.

**BA 361. Cross-Cultural Business Communication. 4 Credits.**

Theoretical and practical approach to value dimensions across cultures and their impact on communication in business and professional contexts. Develops intercultural business communication skills.

Prereq: WR 121Z recommended.

**BA 365. Cross-Cultural Negotiation. 4 Credits.**

Theory and practice of negotiating effectively across cultures. Research and analysis of culturally specific models for negotiating and experience using those models in cross-cultural simulations.

Prereq: WR 121Z recommended.



**BA 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**BA 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**BA 404. Internship: [Topic]. 1-4 Credits.****BA 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**BA 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**BA 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable when the topic changes.

**BA 425. Law for Managers. 4 Credits.**

Critical legal concepts that managers, entrepreneurs, and professionals need to understand to succeed in their careers and contribute positively to society. The course will examine how legal and ethical considerations interact focusing on the legal system of the United States.

**BA 453. Business Strategy and Planning. 4 Credits.**

Capstone course focusing on strategy formulation and decisional processes. Includes writing a business plan that applies knowledge and develops course of action to accomplish organizational objectives. Students cannot receive credit for both BA 453 and BA 453H.

Prereq: completion of 300-level business core courses, senior standing.

**BA 453H. Business Strategy and Planning. 4 Credits.**

Provides conceptual tools for in-depth strategic analysis and interactive discussions from sources relevant to the challenge of developing and implementing strategy. Students cannot receive credit for both BA 453 and BA 453H.

Prereq: completion of 300-level business core courses, senior standing.

Open only to students in the LCB honors program;

**BA 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable when the topic changes.

**BA 525. Law for Managers. 4 Credits.**

Critical legal concepts that managers, entrepreneurs, and professionals need to understand to succeed in their careers and contribute positively to society. The course will examine how legal and ethical considerations interact focusing on the legal system of the United States.

**BA 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**BA 604. Internship: [Topic]. 1-9 Credits.**

Repeatable.

**BA 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**BA 606. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**BA 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**BA 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**BA 610. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable when the topic changes.

**BA 661. Oregon Advanced Strategy. 3 Credits.**

Examines advanced strategic analysis in corporate setting and integrates multidisciplinary values such as sustainability, product-service excellence, cultural values, financial strength, advanced marketing, entrepreneurial thinking, customer relationship management, big data analytics. This course is taught through the C-level practitioner's perspective.

Prereq: MGMT 614.

**BA 680. Data Visualization and Communication in Business. 3 Credits.**

Focuses on how to organize and understand data, present visual information to varied audiences, and tell logical and persuasive data stories in order to make data more understandable in business contexts, focusing on clarity rather than complexity.

Prereq: OBA 612.

**BA 705. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**BA 707. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**BA 708. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**BA 710. Experimental Course: [Topic]. 1-9 Credits.**

Repeatable.

**BA 711. Legal Environment of Business. 3 Credits.**

Analysis of government policy and the legal environment in which business operates; the effects of law, government policy, and social forces on the formulation of business strategy and decision-making.

**BA 712. Financial Accounting and Reporting. 3 Credits.**

Preparation, interpretation, and use of external financial statements and reports. Covers basic accounting principles, recording and reporting techniques underlying valuation and income determination.

**BA 713. Data and Business Decisions. 3 Credits.**

Integrates statistical tools for analyzing business data and covers process analysis, data collection, regression, statistical control, and forecasting.

**BA 714. Managerial Accounting. 3 Credits.**

Introduction to cost accounting terminology; costing strategies, nontraditional costing systems, activity-based costing and product-service costing applications.

**BA 715. Managerial Economics. 3 Credits.**

Covers micro- and macroeconomic analyses and the concepts of cost, demand, profit, and competition. Examines monetary and fiscal policy, the Federal Reserve System, and money and capital markets.

**BA 716. Managing Organizations. 2 Credits.**

Organizations as complex social systems; leadership; managing individuals, groups, and teams; formal and informal processes and systems.

**BA 717. Marketing Management. 3 Credits.**

Examines marketing analysis and planning necessary to develop marketing plans and strategies for a product-line. Includes basic marketing concepts and philosophies and brief exposure to macromarketing strategies. Sequence with BA 719.

**BA 718. Financial Analysis. 4 Credits.**

Covers objectives, tools, methods, and problems of financial management. Includes fund acquisitions, dividend policy, capital acquisitions, taxes, mergers, and investment banking. Sequence with BA 720.

**BA 719. Marketing Strategy. 3 Credits.**

Marketing strategies for product-service introduction, growth, maturity, and decline; managing product-service innovation and development; brand equity, relationship marketing. Sequence with BA 717.

**BA 720. Corporate Financial Strategy. 3 Credits.**

Advanced topics in firm evaluation (e.g., acquisitions, restructuring) and financial risk management (e.g., hedging, derivatives, foreign projects) as related to global and domestic corporate strategies. Sequence with BA 718.

**BA 721. Business Writing. 1 Credit.**

Reviews the theory and practice of writing effectively for U.S. and international business audiences, addressing the use of rhetorical, cultural, and organizational analysis to create persuasive business documents.

**BA 722. Leadership and Motivation: [Topic]. 1 Credit.**

LEAD is the leadership foundation course that runs across the entire first year. The instructors and 2nd year students lead the in-class discussions of a variety of leadership topics. Topics include elements of motivation and leadership that affect management decision-making and problem-solving. Repeatable twice for a maximum of 3 credits.

**BA 723. Formulating Corporate Strategy. 3 Credits.**

Focuses on how corporations choose to compete. Covers the analytical techniques and planning models appropriate for making this fundamental decision.

**BA 725. Implementing Corporate Strategy. 3 Credits.**

Uses problems and cases to examine the implementation of corporate strategy, the strategy process and cycle, and implementation methods. Sequence with BA 723.

**BA 726. Global Business. 3 Credits.**

Examines global competition and strategy, regional economic integration, cross-cultural challenges, foreign market entry, international joint ventures and strategic alliances, international dimensions in functional areas of business.

**BA 727. Operations Management. 3 Credits.**

Examines methods and processes for providing a competitive advantage through continuous quality and process improvements, supplier management, and efficient production of goods and services.

**BA 729. Business Negotiation. 3 Credits.**

Explores the major theories and concepts of negotiation. Opportunities to practice deal-making and conflict resolution. Encourages improvement in communication and persuasion.

**BA 730. Business Ethics. 1 Credit.**

Studies the derivation of values and the application of those values to individual choices. Emphasizes the conflict manager's experience when choosing between two alternatives.

**BA 731. New Venture Planning. 3 Credits.**

Students identify and research a business opportunity; develop and present a professional start-up business plan that includes market, competitor, cash flow, and financial analyses.

**BA 732. Technology and Innovation Management. 3 Credits.**

Exposes students to the dynamics of industries driven by technological innovation, and focuses on thinking strategically about technological innovation and new product development and deployment.

**BA 735. Opportunity Recognition. 3 Credits.**

Provides students with techniques and models to identify and develop new opportunities and manage innovation processes.

**BA 736. Alliances and Acquisitions. 3 Credits.**

Using alliances and acquisitions as a strategic tool; emphasis on value creation. Includes deal valuation, deal-making, due diligence, integration, and ecosystem development. Builds on negotiation, strategy, and finance courses.

**BA 740. Capstone Business Project I. 1-9 Credits.**

Focuses on integration of functional areas of business. Includes writing a plan that applies knowledge and develops a course of action to accomplish organizational objectives. First in a series for 2yr OEMBA students.

**BA 741. Capstone Business Project II. 2 Credits.**

Focuses on integration of functional areas of business. Includes writing a plan that applies knowledge and develops a course of action to accomplish organizational objectives. Second in a series for 2yr OEMBA students. Sequence with BA 740, BA 742.

**BA 742. Capstone Business Project III. 4 Credits.**

Focuses on integration of functional areas of business. Includes writing a plan that applies knowledge and develops a course of action to accomplish organizational objectives. Third in a series for 2yr OEMBA students. Sequence with BA 740, BA 741.

## Business Environment Courses

### Courses

**BE 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**BE 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**BE 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**BE 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**BE 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**BE 409. Terminal Project. 1-12 Credits.**

Repeatable.

**BE 410. Experimental Course: [Topic]. 1-4 Credits.**

A recent topic is Law for Managers. Repeatable.

**BE 503. Thesis. 1-16 Credits.**

Repeatable.

**BE 510. Experimental Course: [Topic]. 1-4 Credits.**

A recent topic is Law for Managers. Repeatable.

**BE 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**BE 603. Dissertation. 1-16 Credits.**

Repeatable.

**BE 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**BE 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**BE 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**BE 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**BE 609. Terminal Project. 1-12 Credits.**

Repeatable.

**BE 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. A recent topic is Global Business Environments.

**BE 625. Business Law and Ethics. 3 Credits.**

Examines the legal and ethical facets of real-life business cases and develops the core knowledge and critical thinking skills around law and ethics for today's successful business leaders.

## Chemistry Courses

### Courses

**CH 111. Introduction to Chemical Principles. 4 Credits.**

Introduction to modern chemistry with emphasis on problem-solving skills and critical thinking. Fundamental mathematical techniques and skills are incorporated to illustrate the quantitative aspects of chemistry.

Prereq: Satisfactory placement test score for MATH 111Z; Coreq: MATH 111Z.

**CH 113. The Chemistry of Sustainability. 4 Credits.**

Illustrates how chemistry provides innovative materials, processes, and consumer products that support sustainable solutions related to energy utilization, global warming and pollution prevention.

Prereq: MATH 101 or higher; high school chemistry.

**CH 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**CH 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**CH 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CH 221. General Chemistry I. 4 Credits.**

First term of the three-term university chemistry sequence: components of matter, quantitative relationships, atomic structure, thermochemistry, and major classes of chemical reactions of the elements. Lectures. Students cannot receive credit for both CH 221 and CH 224H. Sequence with CH 222, CH 223.

Prereq: CH 111 or satisfactory placement score; MATH 111Z. Co-req: MATH 112Z; CH 227 or CH 237 recommended.

**CH 222. General Chemistry II. 4 Credits.**

Second term of the three-term university chemistry sequence: molecular structure, chemical bonding, gases and kinetic molecular theory, intermolecular forces, solutions and kinetics. Lectures. Students cannot receive credit for both CH 222 and CH 225H.

Prereq: CH 221 or CH 224H; MATH 112Z; Concurrent CH 228 or CH 238 recommended.

**CH 223. General Chemistry III. 4 Credits.**

Third term of the three-term university chemistry sequence: thermodynamics, equilibrium, electrochemistry, nuclear chemistry. Lectures. Students cannot receive credit for both CH 223 and CH 226H. Sequence with CH 221, CH 222.

Prereq: CH 222 or CH 225H; MATH 112Z; Concurrent CH 229 or CH 239 recommended.

**CH 224H. Advanced General Chemistry I. 4 Credits.**

First-year university chemistry for students with excellent backgrounds in high school chemistry, physics, and mathematics. Chemical structure, reactions, stoichiometry, thermochemistry, and an introduction to quantum chemistry. Students cannot receive credit for both CH 221 and CH 224H. Sequence with CH 225H, CH 226H.

Prereq: satisfactory placement test score; MATH 112Z. Coreq: one from MATH 241, MATH 246, MATH 251, MATH 261; CH 237 recommended.

**CH 225H. Advanced General Chemistry II. 4 Credits.**

First-year university chemistry for students with excellent backgrounds in high school chemistry, physics, and mathematics. Chemical bonding, states of matter, solutions, kinetics, and nuclear chemistry. Students cannot receive credit for both CH 222 and CH 225H.

Prereq: CH 221 or CH 224H; one from MATH 241, MATH 246, MATH 251, MATH 261. Coreq: one from MATH 242, MATH 247, MATH 252, MATH 262. Concurrent CH 238 recommended.

**CH 226H. Advanced General Chemistry III. 4 Credits.**

First-year university chemistry for students with excellent backgrounds in high school chemistry, physics, and mathematics. Chemical equilibrium, acid-base chemistry, thermodynamics, and electrochemistry. Students cannot receive credit for both CH 223 and CH 226H.

Prereq: CH 222 or CH 225H; one from MATH 242, MATH 247, MATH 252, MATH 262. Coreq: one from STAT 243Z, MATH 247, MATH 253, MATH 263. Concurrent CH 239 recommended.

**CH 227. General Chemistry Laboratory. 2 Credits.**

First term of the three-term laboratory sequence: basic laboratory skills, quantitative relationships, qualitative analysis, calorimetry.

Prereq: MATH 111Z. Co-req: MATH 112Z. Pre- or coreq: CH 221 or CH 224H.

**CH 228. General Chemistry Laboratory. 2 Credits.**

Second term of the three-term laboratory sequence: graphical analysis, spectroscopy, spectrophotometry, gas laws, chromatography, kinetics.

Prereq: CH 227 or CH 237; MATH 111Z; coreq: CH 222 or CH 225H; MATH 112Z.

**CH 229. General Chemistry Laboratory. 2 Credits.**

Third term of the three-term laboratory sequence: synthesis, equilibrium, acids and bases, volumetric analyses, electrochemistry, nuclear chemistry.

Prereq: CH 228 or CH 238; MATH 112Z; coreq: CH 223 or CH 226H.

**CH 237. Advanced General Chemistry Laboratory. 2 Credits.**

First-year university laboratory course for students with a strong high school laboratory experience. Projects in analytical and inorganic chemistry emphasize the use of quantitative glassware, gravimetric and volumetric analysis, acid-base and precipitation reactions.

Prereq: MATH 112Z; coreq: CH 221 or CH 224H.

**CH 238. Advanced General Chemistry Laboratory. 2 Credits.**

Projects in inorganic and biochemistry with a focus on absorption spectroscopy, synthesis of coordination compounds, and measuring initial rates of reaction.

Prereq: CH 227 or CH 237; one from MATH 241, MATH 246, MATH 251, MATH 261; coreq: CH 222 or CH 225H.

**CH 239. Advanced General Chemistry Laboratory. 2 Credits.**

Projects in biochemistry and inorganic chemistry involving enzymology, mechanisms of reactions, kinetics, and visible absorption spectroscopy.

Prereq: CH 228 or CH 238; one from MATH 242, MATH 247, MATH 252, MATH 262; coreq: CH 223 or CH 226H.

**CH 331. Organic Chemistry I. 4 Credits.**

Structure, properties, and bonding of organic molecules.

Prereq: CH 223 or CH 226H. Concurrent CH 337 recommended.

**CH 335. Organic Chemistry II. 4 Credits.**

Reactions and mechanisms of organic chemistry.

Prereq: CH 331 or CH 341. Concurrent CH 338 recommended.

**CH 336. Organic Chemistry III. 4 Credits.**

Organic chemistry of biomolecules with a focus on chemical aspects.

Prereq: CH 335 or CH 342.

**CH 337. Organic Chemistry Laboratory. 3 Credits.**

Principles and techniques of laboratory practice in organic chemistry.

Prereq: CH 229 or CH 239; pre- or coreq: CH 331.

**CH 338. Organic Chemistry Laboratory. 3 Credits.**

Principles and techniques of laboratory practice in organic chemistry.

Prereq: CH 331 or CH 341, CH 337; pre- or coreq: CH 335.

**CH 341. Majors Track Organic Chemistry I. 4 Credits.**

Structure, properties, and bonding of organic molecules. Provides a rigorous foundation appropriate for chemistry and biochemistry majors as they become chemical practitioners. Sequence with CH 342, CH 343.

Prereq: CH 223 or CH 226H. Concurrent CH 337 recommended.

**CH 342. Majors Track Organic Chemistry II. 4 Credits.**

Focuses on mechanisms and reactions of common organic functional groups. Sequence with CH 341, CH 343.

Prereq: CH 331 (with grade of B– or better) or CH 341. Concurrent CH 348 recommended.

**CH 343. Majors Track Organic Chemistry III. 4 Credits.**

Incorporates topics from the recent chemistry literature. Sequence with CH 341, CH 342.

Prereq: CH 335 (with grade of B– or better) or CH 342. Concurrent CH 349 recommended.

**CH 348. Organic Chemistry Laboratory for Majors. 4 Credits.**

Problem solving in the organic chemistry laboratory. Sequence with CH 337, CH 349.

Prereq: CH 337; CH 331 or CH 341; coreq: CH 342.

**CH 349. Organic Chemistry Lab for Majors. 4 Credits.**

Organic chemistry laboratory projects. Two-dimensional nuclear magnetic resonance techniques. Sequence with CH 337, CH 348.

Prereq: CH 348; coreq: CH 343.

**CH 360. Physiological Biochemistry. 4 Credits.**

For preprofessional health science students. Topics include protein structure and function, enzyme mechanisms, central metabolism and bioenergetics, integration and regulation of metabolism by hormone action. Students cannot receive credit for both CH 360 and CH 462.

Prereq: CH 336 or CH 343; BI 214 or 282H recommended.

**CH 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CH 399L. Special Studies: [Topic]. 3 Credits.**

Repeatable.

**CH 401. Research: [Topic]. 1-21 Credits.**

Repeatable. Introduction to methods of chemical investigation. For advanced undergraduates by arrangement with individual faculty members.

**CH 403. Thesis. 1-12 Credits.**

Repeatable. Open to students eligible to work for a bachelor's degree with honors in chemistry or biochemistry.

Prereq: Honors majors.

**CH 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**CH 406. Field Studies: [Topic]. 1-21 Credits.**

Repeatable.

**CH 407. Seminar: [Topic]. 1-5 Credits.**

Biochemistry seminar for undergraduates who have completed or are enrolled in CH 461, CH 462, CH 463. No graduate credit. Repeatable.

**CH 408. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**CH 409. Terminal Project. 1-12 Credits.**

Repeatable.

**CH 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CH 410L. Experimental Course: [Topic]. 4 Credits.**

Repeatable.

**CH 411. Physical Chemistry. 4 Credits.**

Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to chemical thermodynamics.

Prereq: two years of college chemistry (except for physics majors), PHYS 201, 202, 203; MATH 253; MATH 256, MATH 281, MATH 282 strongly recommended.

**CH 412. Physical Chemistry. 4 Credits.**

Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to statistical mechanics and rate processes.

Prereq: two years of college chemistry (except for physics majors); CH 411; PHYS 201, 202, 203; MATH 253; MATH 256, MATH 281, MATH 282 strongly recommended.

**CH 413. Physical Chemistry. 4 Credits.**

Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to quantum chemistry.

Prereq: two years of college chemistry (except for physics majors), PHYS 201, 202, 203; MATH 253; MATH 256, MATH 281, MATH 282 strongly recommended.

**CH 417. Physical Chemistry Laboratory. 4 Credits.**

Experiments in thermodynamics, modern electronic measurements, computer modeling, and data reduction.

Pre or coreq: CH 411.

**CH 418. Physical Chemistry Laboratory. 4 Credits.**

Experiments in statistical mechanics, chemical kinetics, plasma chemistry, and mass spectrometry.

Prerequisite CH 417; Pre or coreq: CH 412.

**CH 419. Physical Chemistry Laboratory. 4 Credits.**

Experiments molecular spectroscopy, quantum chemistry, and laser-excited chemical and physical processes to illustrate theoretical principles.

Prereq: CH 417; pre or coreq: CH 413.

**CH 420. Physical Organic Chemistry I. 4 Credits.**

Modern physical organic chemistry including chemical bonding, acid-base chemistry, thermochemistry, noncovalent interactions, and introduction to computational chemistry. Sequence with CH 421.

Prereq: CH 336.



**CH 421. Physical Organic Chemistry II. 4 Credits.**

Modern physical organic chemistry including tools to study reaction mechanisms, kinetic analysis, isotope effects, and qualitative molecular orbital theory. Sequence with CH 420.

Prereq: CH 420.

**CH 429. Instrumental Analysis. 5 Credits.**

Use of instrumental methods for quantitative determinations of unknown chemical samples.

Prereq: CH 417.

**CH 431. Inorganic Chemistry. 4 Credits.**

Introduction to group theory for molecular symmetry; syntheses, structures, reactions, and reaction mechanisms of coordination complexes and organometallic complexes.

**CH 432. Inorganic Chemistry. 4 Credits.**

Bioinorganic chemistry: metals in biological systems; coordination chemistry, reactions, spectroscopy, metallobusters, and synthetic modeling.

Prereq: CH 431 recommended.

**CH 433. Inorganic Chemistry. 4 Credits.**

Solid-state inorganic chemistry: solid-state structure and its determination; the electrical, magnetic, and mechanical properties of materials and their physical description.

Prereq: CH 431 recommended.

**CH 441. Quantum Chemistry. 4 Credits.**

The principles of time-independent quantum mechanics and their application to model atomic and molecular systems.

Prereq: CH 413 or equivalent.

**CH 442. Quantum Chemistry and Spectroscopy. 4 Credits.**

Molecular structure theory, perturbation theory, time-dependent quantum mechanics, theory of spectra, selection rules.

Prereq: CH 441 or equivalent.

**CH 443. Quantum Chemistry and Spectroscopy. 4 Credits.**

Experimental spectra of atomic and molecular systems and surfaces.

Prereq: CH 442 or equivalent.

**CH 445. Statistical Mechanics. 4 Credits.**

Molecular basis of thermodynamics. Applications to the calculation of the properties of noninteracting and weakly interacting systems.

Prereq: CH 413 or equivalent.

**CH 446. Chemical Kinetics: [Topic]. 4 Credits.**

Description and interpretation of the time evolution of chemical systems. Repeatable.

Prereq: CH 413 or equivalent.

**CH 447. Computational Chemistry. 4 Credits.**

Introduction to modern computational methods used to understand the properties of molecules.

Prereq: CH 411, 412; or PHYS 353.

**CH 451. Advanced Organic-Inorganic Chemistry. 4 Credits.**

Principles of organic-inorganic reaction dynamics; kinetics and mechanisms, linear free-energy relationships, isotope effects, substitution reactions, dynamic behavior of reactive intermediates, electron transfer chemistry.

Prereq: CH 336 or equivalent.

**CH 452. Advanced Organic Chemistry—Stereochemistry and Reactions. 4 Credits.**

Principles and applications of stereochemistry; reagents and reactions, with mechanisms, used in contemporary organic synthesis; examples taken from the current literature.

**CH 454. Advanced Electrochemistry. 4 Credits.**

Advanced topics in electrochemistry including fundamental concepts (thermodynamics, kinetics, transport) and applications (analytical techniques, electrolysis, batteries).

Prereq: CH 411.

**CH 461. Biochemistry. 4 Credits.**

Structure and function of macromolecules.

Prereq: CH 336 or CH 343.

**CH 462. Biochemistry. 4 Credits.**

Metabolism and metabolic control processes. Energy and sensory transduction mechanisms.

Prereq: CH 461.

**CH 463. Biochemistry. 4 Credits.**

Mechanisms and regulation of nucleic acid and protein biosynthesis. Other current topics in biochemical genetics.

Prereq: CH 461/561; or CH 360 with a grade of B- or better.

**CH 464. RNA Biochemistry. 4 Credits.**

Introduction to the diverse field of RNA biochemistry.

Prereq: CH 463.

**CH 465. Physical Biochemistry. 4 Credits.**

Physical chemical properties of biological macromolecules; forces and interactions to establish and maintain macromolecular conformations; physical bases of spectroscopic, hydrodynamic, and rapid-reaction investigative techniques. Offered alternate years.

Prereq: CH 461.

**CH 466. Structural Biochemistry. 4 Credits.**

Protein and nucleic acid structures and energetics. Structure determination by x-ray crystallography and nuclear magnetic resonance. Computational methods for structural analysis. Offered alternate years.

Prereq: CH 461.

**CH 467. Biochemistry Laboratory. 4 Credits.**

Methods of modern molecular biology and protein purification.

Co-req: CH 461

**CH 468. Cellular Biochemistry. 4 Credits.**

This course surveys scientific discovery at the interface between cell biology and biochemistry. Emphasis will be placed on understanding how scientists visualize, quantify, and interpret how biochemical reactions are orchestrated in complex biological systems. Relationships between protein structure, function, and emergent properties will be defined.

Prereq: CH 461.

**CH 503. Thesis. 1-16 Credits.**

Repeatable.

**CH 507. Seminar: [Topic]. 1-5 Credits.**

Biochemistry seminar for undergraduates who have completed or are enrolled in CH 461, 462, 463. No graduate credit. Repeatable.

**CH 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**CH 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CH 510L. Experimental Course: [Topic]. 4 Credits.**

Repeatable.

**CH 511. Physical Chemistry. 4 Credits.**

Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to chemical thermodynamics.



**CH 512. Physical Chemistry. 4 Credits.**

Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to statistical mechanics and rate processes.

**CH 513. Physical Chemistry. 4 Credits.**

Methods of physics applied to chemical problems, including inorganic, organic, and biochemistry. Introduction to quantum chemistry.

**CH 517. Physical Chemistry Laboratory. 4 Credits.**

Experiments in thermodynamics, modern electronic measurements, computer modeling, and data reduction.

Pre- or coreq: CH 511.

**CH 518. Physical Chemistry Laboratory. 4 Credits.**

Experiments in statistical mechanics, chemical kinetics, plasma chemistry, and mass spectrometry.

Pre or coreq: CH 512.

**CH 519. Physical Chemistry Laboratory. 4 Credits.**

Experiments in molecular spectroscopy, quantum chemistry, and laser-excited chemical and physical processes to illustrate theoretical principles.

Pre or coreq: CH 513.

**CH 520. Physical Organic Chemistry I. 4 Credits.**

Modern physical organic chemistry including chemical bonding, acid-base chemistry, thermochemistry, noncovalent interactions, and introduction to computational chemistry. Sequence with CH 521.

**CH 521. Physical Organic Chemistry II. 4 Credits.**

Modern physical organic chemistry including tools to study reaction mechanisms, kinetic analysis, isotope effects, and qualitative molecular orbital theory. Sequence with CH 520.

Prereq: CH 520.

**CH 531. Inorganic Chemistry. 4 Credits.**

Introduction to group theory for molecular symmetry; syntheses, structures, reactions, and reaction mechanisms of coordination complexes and organometallic complexes.

**CH 532. Inorganic Chemistry. 4 Credits.**

Bioinorganic chemistry: metals in biological systems; coordination chemistry, reactions, spectroscopy, metallobusters, and synthetic modeling.

Prereq: CH 531 recommended.

**CH 533. Inorganic Chemistry. 4 Credits.**

Solid-state inorganic chemistry: solid-state structure and its determination; the electrical, magnetic, and mechanical properties of materials and their physical description.

Prereq: CH 531 recommended.

**CH 541. Quantum Chemistry. 4 Credits.**

The principles of time-independent quantum mechanics and their application to model atomic and molecular systems.

Prereq: CH 513 or equivalent.

**CH 542. Quantum Chemistry and Spectroscopy. 4 Credits.**

Molecular structure theory, perturbation theory, time-dependent quantum mechanics, theory of spectra, selection rules.

Prereq: CH 541 or equivalent.

**CH 543. Quantum Chemistry and Spectroscopy. 4 Credits.**

Experimental spectra of atomic and molecular systems and surfaces.

Prereq: CH 542 or equivalent.

**CH 545. Statistical Mechanics. 4 Credits.**

Molecular basis of thermodynamics. Applications to the calculation of the properties of noninteracting and weakly interacting systems.

Prereq: CH 513 or equivalent.

**CH 546. Chemical Kinetics: [Topic]. 4 Credits.**

Description and interpretation of the time evolution of chemical systems.

Repeatable.

Prereq: CH 513 or equivalent.

**CH 547. Computational Chemistry. 4 Credits.**

Introduction to modern computational methods used to understand the properties of molecules.

**CH 551. Advanced Organic-Inorganic Chemistry. 4 Credits.**

Principles of organic-inorganic reaction dynamics; kinetics and mechanisms, linear free-energy relationships, isotope effects, substitution reactions, dynamic behavior of reactive intermediates, electron transfer chemistry.

Prereq: CH 336 or equivalent.

**CH 552. Advanced Organic Chemistry—Stereochemistry and Reactions. 4 Credits.**

Principles and applications of stereochemistry; reagents and reactions, with mechanisms, used in contemporary organic synthesis; examples taken from the current literature.

**CH 554. Advanced Electrochemistry. 4 Credits.**

Advanced topics in electrochemistry including fundamental concepts (thermodynamics, kinetics, transport) and applications (analytical techniques, electrolysis, batteries).

**CH 561. Biochemistry. 4 Credits.**

Structure and function of macromolecules.

**CH 562. Biochemistry. 4 Credits.**

Metabolism and metabolic control processes. Energy and sensory transduction mechanisms.

Prereq: CH 561.

**CH 563. Biochemistry. 4 Credits.**

Mechanisms and regulation of nucleic acid and protein biosynthesis. Other current topics in biochemical genetics.

Prereq: CH 561.

**CH 564. RNA Biochemistry. 4 Credits.**

Introduction to the diverse field of RNA biochemistry.

**CH 565. Physical Biochemistry. 4 Credits.**

Physical chemical properties of biological macromolecules; forces and interactions to establish and maintain macromolecular conformations; physical bases of spectroscopic, hydrodynamic, and rapid-reaction investigative techniques. Offered alternate years.

**CH 566. Structural Biochemistry. 4 Credits.**

Protein and nucleic acid structures and energetics. Structure determination by x-ray crystallography and nuclear magnetic resonance. Computational methods for structural analysis. Offered alternate years.

Prereq: CH 561.

**CH 567. Biochemistry Laboratory. 4 Credits.**

Methods of modern molecular biology and protein purification.

**CH 568. Cellular Biochemistry. 4 Credits.**

This course surveys scientific discovery at the interface between cell biology and biochemistry. Emphasis will be placed on understanding how scientists visualize, quantify, and interpret how biochemical reactions are orchestrated in complex biological systems. Relationships between protein structure, function, and emergent properties will be defined.

**CH 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**CH 603. Dissertation. 1-16 Credits.**

Repeatable.

**CH 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**CH 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**CH 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Seminars offered in biochemistry, chemical physics, materials science, molecular biology, neuroscience, organic-inorganic chemistry, and physical chemistry.

**CH 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**CH 609. Terminal Project. 1-16 Credits.**

Repeatable.

**CH 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CH 610L. Experimental Course: [Topic]. 2 Credits.**

Repeatable.

**CH 623. Organic-Inorganic Chemistry Journal Club. 1-2 Credits.**

Repeatable. Preparation and delivery of colloquium-style lectures in organic-inorganic chemistry based on papers from the literature.

**CH 624. Physical Chemistry Journal Club. 1 Credit.**

Repeatable. Preparation and delivery of colloquium-style lectures in physical chemistry based on papers from the literature. Repeatable for maximum of 12 credits.

**CH 662. Advanced Biochemistry. 4 Credits.**

Detailed consideration of enzyme mechanisms, macromolecular structure, protein-nucleic acid interactions, and selected aspects of biological synthesis.

**CH 667. Polymers: Synthesis, Characterization, Processing. 4 Credits.**

Methods of polymer synthesis and characterization; kinetics and mechanisms of the principal polymerization reactions. Introduction to mechanical properties and fabrication techniques.

**CH 668. Physical Chemistry of Polymers and Coatings. 4 Credits.**

Statistical and thermodynamic models for the equilibrium configuration, conformation, structure, mechanical properties, and phase transitions of polymer solutions, dense melts, liquid crystals.

**CH 669. Polymer Synthesis and Characterization Laboratory. 4 Credits.**

Preparation and physical characterization of polymers; emphasis on polymers of commercial interest.

**CH 670. Industrial Polymer Projects Laboratory. 4 Credits.**

Polymer industry-focused projects with emphasis on formulation and optimization of adhesives, coatings, thermoplastics, thermosets, drug delivery systems, biopolymers, personal care products.

Prereq: CH 667, CH 668, CH 669.

**CH 677M. Semiconductor Device Physics. 4 Credits.**

Introduction to the theory behind semiconductors. Elementary theory of inorganic solids; electronic structures and transport properties. Basic theory of devices including diodes, transistors, mosfets, and optoelectronic devices. Offered only in summer. Sequence with PHYS 678M, PHYS 679M. Multilisted with PHYS 677M.

**CH 678M. Semiconductor Processing and Characterization Technology. 4 Credits.**

Introduction to the techniques required to make semiconductors and test their properties. Solid-state and surface chemistry of inorganic semiconductors as it pertains to microelectronic devices. Offered only in summer. Multilisted with PHYS 678M.

Prereq: CH 677M.

**CH 679M. Device Processing and Characterization Laboratory. 4 Credits.**

Students use theory and techniques learned to design, fabricate, and test a device that performs a specific function, with an emphasis on wafer processing and device realization. Offered only in summer. Sequence with CH 677M, CH 678M. Multilisted with PHYS 679M.

Prereq: CH 678M.

**CH 680. Electronics and Vacuum Systems. 4 Credits.**

Introduction to modern electronic components, circuits, basic vacuum theory, vacuum failure modes, measurement systems, and troubleshooting.

**CH 681. Introduction to Electron Microscopy. 4 Credits.**

Introduction to theory and best practices for applying scanning electron (SEM) and transmission electron microscopy (TEM) in materials science.

**CH 682. Electron Microprobe Analysis. 4 Credits.**

Introduction to the theory and operation of instrumentation for electron microprobe analysis (EPMA) in materials science and geochemistry.

**CH 683. Surface Analysis. 4 Credits.**

Introduction to theory and best practices for surface analysis techniques (XPS and ToF-SIMS), with focus on applications for materials science.

**CH 685. Advanced Transmission Electron Microscopy. 4 Credits.**

Advanced theory and practices for using transmission electron microscopy, as applied to materials science.

Prereq: CH 681.

**CH 686. Advanced Scanning Electron Microscopy. 4 Credits.**

Advanced theory and practices for using focused ion beam and scanning electron microscopy in research and nanofabrication.

Prereq: CH 681.

**CH 687. Advanced Surface Analysis. 4 Credits.**

Advanced theory and practices for surface analysis spectroscopy, as applied to materials science.

Prereq: CH 683.

**CH 689. Chemistry Professional Development. 1 Credit.**

Students will develop their awareness of pathways for professional development in chemical technology and identify strategic areas for pursuing growth. Working with the instructors, they will design a plan to explore their strengths and interests and identify career opportunities.

**CH 690. Numerical Simulation in Electrochemistry. 2 Credits.**

Modern finite-element simulation software is widely used in engineering to predict system performance/properties or in science to understand complex system behavior. Students will learn use industry standard software suites to simulate electrochemical cells and devices to predict performance and develop an understanding of underlying phenomena.

Prereq: CH 454 or CH 554 is prereq or co-req.

**CH 691. Analytical Electrochemistry Laboratory. 2 Credits.**

This course will focus on typical three-electrode electrochemical experiments and laboratory techniques that form the basis for analytical electrochemistry and for building the basic electrochemistry knowledge and intuition with respect to thermodynamics, kinetics and mass transport.

Prereq: CH 454 or CH 554 is prereq or co-req.

**CH 692. Electrochemical Device Engineering. 4 Credits.**

This course examines the operational principles of electrochemical energy storage devices (batteries and capacitors), energy conversion devices (fuel cells, electrolyzers), and bioelectrochemical interfaces. The emphasis is on materials and device design based on fundamental chemistry and physics concepts that govern the properties and performance.

Prereq: CH 454 or CH 554.

**CH 693. Electrochemical Device Laboratory. 4 Credits.**

Students will work in small teams to build battery devices, electrolyzers for the production of chemicals and/or fuels, fuel cells, and biological interfaces. They will test the performance and response of these devices compared to theory and modelling, applying experimental design and statistical analysis methods.

Prereq: CH 454 or CH 554; Pre- or Coreq: CH 692.

**CH 694. Applied Electrochemistry Projects Laboratory. 4 Credits.**

This course requires students to work in teams to solve open-ended research and development projects in electrochemistry. The applied research and development projects for the course come from industry partners, national laboratories, and academic research laboratories.

Prereq: CH 454 or CH 554.

**CH 695. External Graduate Internship. 1-10 Credits.**

Student will complete internships in industry, a national laboratory, or other research setting to provide opportunities to make connections between the theory and practice of academic study and the practical application of that study in a professional environment.

## Chinese Courses

### Courses

**CHN 101. First-Year Chinese. 5 Credits.**

Provides thorough grounding in listening comprehension, speaking, reading, and writing. Emphasis on aural-oral skills. For students with no background in Mandarin Chinese.

**CHN 102. First-Year Chinese. 5 Credits.**

Provides thorough grounding in listening comprehension, speaking, reading, and writing. Emphasis on aural-oral skills. For students with no background in Mandarin Chinese.

Prereq: CHN 101 or equivalent.

**CHN 103. First-Year Chinese. 5 Credits.**

Provides thorough grounding in listening comprehension, speaking, reading, and writing. Emphasis on aural-oral skills. For students with no background in Mandarin Chinese.

Prereq: CHN 102 or equivalent.

**CHN 105. Accelerated First-Year Chinese I. 5 Credits.**

Provides proficiency-based language-learning using American Council on the Teaching of Foreign Language benchmarks as standards for teaching and assessment of listening comprehension, speaking, reading, and writing. Sequence with CHN 106.

Prereq: CHN 101 with grade of A- or higher.

**CHN 106. Accelerated First-Year Chinese II. 5 Credits.**

Provides proficiency-based language-learning using American Council on the Teaching of Foreign Language benchmarks as standards for teaching and assessment of grounding in listening comprehension, speaking, reading, and writing. Sequence with CHN 105.

Prereq: CHN 102 with a grade of A or higher or CHN 105 with a grade of A or higher.

**CHN 150. Introduction to Chinese Narrative. 4 Credits.**

Introduction to specific features of Chinese narrative. Readings may span traditional to contemporary literature. Focuses on analysis of characterization, symbolism, causality, and formal issues. Taught in English.

**CHN 151. Introduction to Chinese Film. 4 Credits.**

Introduction to the cinemas of China, Taiwan, and Hong Kong, featuring films by directors Zhang Yimou, Chen Kaige, John Woo, Wong Kar-Wei, and Ang Lee. No background in Chinese necessary; English subtitles.

**CHN 152. Introduction to Chinese Popular Culture. 4 Credits.**

Introduction to popular Chinese cultures in China, Hong Kong, Taiwan, and the United States. Discussion focuses on nationalism, globalization, identity, and gender. No background in Chinese necessary; taught in English.

**CHN 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**CHN 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**CHN 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CHN 200M. Temp Multilist Course. 4 Credits.****CHN 201. Second-Year Chinese. 5 Credits.**

Training in aural-oral skills designed to build listening comprehension and fluency. Development of proficiency in written Chinese.

Prereq: CHN 103 or equivalent.

**CHN 202. Second-Year Chinese. 5 Credits.**

Training in aural-oral skills designed to build listening comprehension and fluency. Development of proficiency in written Chinese.

Prereq: CHN 201 or equivalent.

**CHN 203. Second-Year Chinese. 5 Credits.**

Training in aural-oral skills designed to build listening comprehension and fluency. Development of proficiency in written Chinese.

Prereq: CHN 202 or equivalent.

**CHN 204. Accelerated Second-Year Chinese I. 5 Credits.**

Provides proficiency-based language-learning using American Council on the Teaching of Foreign Language benchmarks as standards for teaching and assessment of grounding in listening comprehension, speaking, reading, and writing. Sequence with CHN 205, CHN 206.

Prereq: CHN 103 with a grade of A or higher or CHN 106 with a grade of B+ or higher.

**CHN 205. Accelerated Second-Year Chinese II. 5 Credits.**

Provides proficiency-based language-learning using American Council on the Teaching of Foreign Language benchmarks as standards for teaching and assessment of grounding in listening comprehension, speaking, reading, and writing. Sequence with CHN 204, CHN 206.

Prereq: CHN 201 with a grade of A or higher or CHN 204 with a grade of B+ or higher.

**CHN 206. Accelerated Second-Year Chinese III. 5 Credits.**

Provides proficiency-based language-learning using American Council on the Teaching of Foreign Language benchmarks as standards for teaching and assessment of grounding in listening comprehension, speaking, reading, and writing. Sequence with CHN 204, CHN 205.

Prereq: CHN 202 with a grade of A or higher or CHN 205 with a grade of B+ or higher.

**CHN 301. Third-Year Chinese. 5 Credits.**

Continued training in listening, speaking, reading, and writing.

Prereq: CHN 203 or equivalent.

**CHN 302. Third-Year Chinese. 5 Credits.**

Continued training in listening, speaking, reading, and writing.

Prereq: CHN 301 or equivalent.

**CHN 303. Third-Year Chinese. 5 Credits.**

Continued training in listening, speaking, reading, and writing.

Prereq: CHN 302 or equivalent.

**CHN 305. History of Chinese Literature. 4 Credits.**

Survey ranging from early Confucian and Daoist classics through Tang and Song poetry, short fiction and novels, the 1919 May Fourth Movement writers, and into the contemporary period. Readings in English.

Prereq: WR 121Z or equivalent.

**CHN 306. History of Chinese Literature II, The Imperial Age. 4 Credits.**

Survey ranging from early Confucian and Daoist classics through Tang and Song poetry, short fiction and novels, the 1919 May Fourth Movement writers, and into the contemporary period. Readings in English.

Prereq: WR 121Z or equivalent.

**CHN 307. History of Chinese Literature. 4 Credits.**

Survey ranging from early Confucian and Daoist classics through Tang and Song poetry, short fiction and novels, the 1919 May Fourth Movement writers, and into the contemporary period. Readings in English.

Prereq: WR 121Z or equivalent.

**CHN 308. Literature of Modern Taiwan. 4 Credits.**

Surveys the literature of Taiwan from the postwar era to the present. Discussion focuses on national identity, gender, class, modernization, and globalization. Taught in English.

Prereq: WR 121Z or equivalent.

**CHN 350. Gender and Sexuality in Traditional Chinese Literature. 4 Credits.**

Examines the changing constructions of gender and sexuality in premodern China. Topics include arranged marriage and concubinage, attitudes toward the body and transgender identities. No background in Chinese necessary; readings in English.

Prereq: WR 121Z or equivalent.

**CHN 351. Gender and Sexuality in Modern Chinese Literature. 4 Credits.**

Primary and secondary works about women, sexuality, and changing gender roles in republican, socialist, and post-Mao China. Readings in English.

Prereq: WR 121Z or equivalent.

**CHN 380. Self and Society in Traditional Chinese Literature. 4 Credits.**

Examines the role of the self in premodern Chinese society through reading some of the most important works in traditional Chinese literature. Taught in Chinese.

Prereq: Proficiency in modern Chinese as confirmed by instructor.

**CHN 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable. Topic varies from term to term.

**CHN 399L. Special Studies: [Topic]. 4 Credits.**

Repeatable. Topic varies from term to term.

**CHN 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**CHN 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**CHN 403. Thesis. 1-6 Credits.**

Repeatable for maximum of 6 credits.

**CHN 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**CHN 406. Field Studies: [Topic]. 1-21 Credits.**

Repeatable.

**CHN 407. Seminar: [Topic]. 1-4 Credits.**

Studies and projects in Chinese literature, linguistics, or pedagogy.

Sources are in Chinese, English, or both. Repeatable when topic changes.

**CHN 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**CHN 409. Terminal Project. 1-12 Credits.**

Repeatable.

**CHN 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CHN 413. Modern Chinese Texts: [Topic]. 1-4 Credits.**

Readings and discussion in Chinese of Chinese modern literary and cultural texts. Topics change yearly. Repeatable once when topic changes, for maximum of 8 credits.

**CHN 420. Intermediate Language Strategies. 4 Credits.**

Focuses on topics in one of these areas: social sciences, sciences, and humanities. Sequence with CHN 421, CHN 422.

Prereq: CHN 303 or third-year Chinese language proficiency.

**CHN 421. Intermediate Language Strategies. 4 Credits.**

Focuses on topics in one of these areas: social sciences, sciences, and humanities. Sequence with CHN 420, CHN 422.

Prereq: CHN 303 or third-year Chinese language proficiency.

**CHN 422. Intermediate Language Strategies. 4 Credits.**

Focuses on topics in one of these areas: social sciences, sciences, and humanities. Sequence with CHN 420, CHN 421.

Prereq: CHN 303 or third-year Chinese language proficiency.

**CHN 436. Literary Chinese. 4 Credits.**

Readings in various styles and genres of classical Chinese literature; stress on major works of different periods. Preparation for research.

**CHN 437. Literary Chinese. 4 Credits.**

Readings in various styles and genres of classical Chinese literature; stress on major works of different periods. Preparation for research.



**CHN 439. Chinese Academic Writing. 4 Credits.**

Expansion of skills in formal written Chinese to communicate with native speakers about thoughts and professional knowledge. Repeatable three times for a maximum of 16 credits.

Prereq: CHN 420.

**CHN 445. Advanced Chinese: [Topic]. 4 Credits.**

Focuses on group and individual language study on a specific topic, such as cultural geography of China, religious studies, or business. Repeatable twice for a maximum of 12 credits.

Prereq: CHN 422.

**CHN 452. Chinese Film and Theory. 4 Credits.**

Examines Chinese film and film theory. Focuses on Chinese film in cultural debate and in the international film arena.

**CHN 480. Chinese Linguistics. 4 Credits.**

Introduces students to various linguistic levels of Chinese; covers basic concepts and methodologies of linguistic analysis, including the relationship between language structure, culture, and cognition.

**CHN 481. Pedagogical Grammar of Chinese. 4 Credits.**

Introduces students to theoretically grounded pedagogical approaches to Chinese as a foreign language. Topics include theoretical models, tones, characters, morphology, syntactic construction, and discourse pragmatics.

**CHN 482. History of the Chinese Language. 4 Credits.**

Introduction to the various stages of the historical development of the Chinese language family. Offered alternate years.

**CHN 500M. Temporal Multilisted Course. 1-5 Credits.**

Repeatable.

**CHN 503. Thesis. 1-6 Credits.**

Repeatable.

**CHN 507. Seminar: [Topic]. 1-4 Credits.**

Studies and projects in Chinese literature, linguistics, or pedagogy. Sources are in Chinese, English, or both. Repeatable when topic changes.

**CHN 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**CHN 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CHN 513. Modern Chinese Texts: [Topic]. 4 Credits.**

Readings and discussion in Chinese of Chinese modern literary and cultural texts. Topics change yearly. Repeatable once when topic changes, for maximum of 8 credits.

**CHN 520. Intermediate Language Strategies. 4 Credits.**

Focuses on group and individual language study that is typically correlated with a specific content course concerning China or other Chinese-speaking areas. Sequence with CHN 521, CHN 522.

**CHN 536. Literary Chinese. 4 Credits.**

Readings in various styles and genres of classical Chinese literature; stress on major works of different periods. Preparation for research.

**CHN 537. Literary Chinese. 4 Credits.**

Readings in various styles and genres of classical Chinese literature; stress on major works of different periods. Preparation for research.

**CHN 545. Advanced Chinese: [Topic]. 4 Credits.**

Focuses on group and individual language study on a specific topic, such as cultural geography of China, religious studies, or business. Repeatable twice for a maximum of 12 credits.

**CHN 552. Chinese Film and Theory. 4 Credits.**

Examines Chinese film and film theory. Focuses on Chinese film in cultural debate and in the international film arena.

**CHN 580. Chinese Linguistics. 4 Credits.**

Introduces students to various linguistic levels of Chinese; covers basic concepts and methodologies of linguistic analysis, including the relationship between language structure, culture, and cognition.

**CHN 581. Pedagogical Grammar of Chinese. 4 Credits.**

Introduces students to theoretically grounded pedagogical approaches to Chinese as a foreign language. Topics include theoretical models, tones, characters, morphology, syntactic construction, and discourse pragmatics.

**CHN 582. History of the Chinese Language. 4 Credits.**

Introduction to the various stages of the historical development of the Chinese language family. Offered alternate years.

**CHN 601. Research: [Topic]. 1-10 Credits.**

Repeatable.

**CHN 603. Dissertation. 1-16 Credits.**

Repeatable.

**CHN 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable as student projects warrant.

**CHN 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**CHN 607. Seminar: [Topic]. 1-6 Credits.**

Studies and projects in Chinese literature, linguistics, or pedagogy. Sources in Chinese, English, or both. Repeatable when topic changes.

**CHN 609. Terminal Project. 1-12 Credits.**

Repeatable.

**CHN 623. Early Chinese Literature. 5 Credits.**

Explores scholarship on and questions raised about early Chinese literary forms; examines notions of ritual, manuscript culture, history, and narrative.

**CHN 624. Medieval and Late Imperial Chinese Literature. 5 Credits.**

Explores methodological and disciplinary debates central to the study of medieval Chinese literature.

**CHN 625. Modern Chinese Literature. 5 Credits.**

Introduces some of the major issues, topics and debates in the field of modern Chinese literary studies in the English-speaking academy by surveying a select group of texts by prominent scholars. Concerns include literary form, modernity, revolution, and gender and sexuality.

## Cinema Studies Courses

### Courses

**CINE 110M. Introduction to Film and Media. 4 Credits.**

Introduction to film and media studies and various methods of critical analysis. Multilisted with ENG 110M.

**CINE 111. How to Watch TV. 4 Credits.**

Introduction to the critical analysis of television narrative, aesthetics, and reception.

**CINE 151M. Introduction to Korean Cinema. 4 Credits.**

Surveys Korean national cinema, from the earliest days of the medium to the present. Multilisted with KRN 151M.



**CINE 198. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

J 201; One from CINE 260M, ENG 260M; and two from CINE 265, CINE 266, CINE 267.

**CINE 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CINE 230. Remix Cultures. 4 Credits.**

Study of issues surrounding media production and consumption in relation to intellectual property laws in modern society. Open to all majors.

**CINE 260M. Media Aesthetics. 4 Credits.**

Introduction to the analysis of form and style in cinema and related media, focusing on narrative, mise-en-scène, cinematography, editing, and sound. Multilisted with ENG 260M.

**CINE 265. History of the Motion Picture I. 4 Credits.**

Studies the technological, artistic, and cultural histories of motion pictures in various national contexts, from precinema through the silent era.

**CINE 266. History of the Motion Picture II. 4 Credits.**

Studies the technological, artistic, and cultural histories of motion pictures in various national contexts, from the transition to sound through the early 1960s.

**CINE 267. History of the Motion Picture III. 4 Credits.**

Studies the technological, artistic, and cultural histories of motion pictures in various national contexts, from the 1960s through the present.

**CINE 268. United States Television History. 4 Credits.**

Analyzes the history of US television, from its roots in radio broadcasting to the latest developments in digital television.

**CINE 270. Introduction to Narrative Cinema Production. 4 Credits.**

Focuses on basic theory and practice of digital video for narrative production.

Prereq: J 201; CINE 260M or ENG 260M; two from CINE 265, CINE 266, CINE 267.

**CINE 320. Beginning Screenwriting. 4 Credits.**

Introduction to the basics of writing for the screen. Provides students with an organized strategy for writing a feature film.

Prereq: J 201; CINE 260M or ENG 260M; One from ARTD 256, CINE 270, J 208; and two from CINE 265, CINE 266, CINE 267.

**CINE 335. Exhibition and Audiences. 4 Credits.**

Explores the exhibition and reception of film and other media by audiences in various contexts.

**CINE 340. Production Studies. 4 Credits.**

Introduction to the development of production practices and the lived realities of film and television production workers.

**CINE 345. Stars. 4 Credits.**

An examination of how and why stars and celebrities are produced and marketed by entertainment industries.

**CINE 350. Queer European Cinema. 4 Credits.**

Examines questions of gender and sexuality within the transnational and national contexts of Europe, including its diverse cinematic landscapes, traditions, and star imagery.

**CINE 360. Film Theory. 4 Credits.**

Introduction to theoretical debates about film as a medium of artistic expression in a transhistorical and global framework.

**CINE 362M. Contemporary Korean Film. 4 Credits.**

Introduction to contemporary South Korean film. Explores changes in film culture, practice, and industry in relation to social changes since the early 1990s. Offered alternate years. Multilisted with KRN 362M.

**CINE 365. Digital Cinema. 4 Credits.**

Examines the impact of digital media technologies on diverse dimensions of cinematic experience encompassing the production, delivery, and reception.

**CINE 370. Narrative Production II. 4 Credits.**

Focuses on the creative choices and intermediate skills of narrative production.

Prereq: J 201; CINE 260M or ENG 260M; two from CINE 265, CINE 266, CINE 267; one from ARTD 256, CINE 270, J 208.

**CINE 381M. Film, Media, and Culture. 4 Credits.**

Study of film and media as aesthetic objects shaped by a broad range of identity categories, reflecting communities identified by class, gender, race, ethnicity, and sexuality. Multilisted with ENG 381M.

**CINE 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when the topic changes.

**CINE 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**CINE 404. Internship: [Topic]. 1-12 Credits.**

Repeatable for a maximum of 12 credits; only 4 credits may count toward the cinema studies major.

**CINE 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable for a maximum of 12 credits; only 4 credits may count toward the cinema studies major.

**CINE 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CINE 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable when topic changes.

Prereq: J 201; CINE 260M or ENG 260M; One from ARTD 256, CINE 270, J 208; and two from CINE 265, CINE 266, CINE 267.

**CINE 410. Experimental Course. 1-5 Credits.**

Repeatable.

**CINE 411M. US Film Industry. 4 Credits.**

Traces the past and present of the U.S. film industry. Multilisted with J 411M.

Prereq: J 201 with a grade of mid-C or better.

**CINE 420. Advanced Screenwriting. 4 Credits.**

Provides advanced screenwriting students with an organized strategy for writing a feature film screenplay. Sequence with CINE 320.

Prereq: CINE 320 with grade of B– or better.

**CINE 425. Cinema Production: [Topic]. 4 Credits.**

Exploration of intermediate to advanced techniques used in cinema production—from music videos to digital sound recording to 16-millimeter film. Topics include Directing, Digital Single-Lens Reflex Camera Production, Music Video Production. Repeatable three times for a maximum of 16 credits when topic changes.

Prereq: CINE 260M or ENG 260M, J 201; two from CINE 265, CINE 266, CINE 267; one from ARTD 256, CINE 270, J 208.

**CINE 426. Art of Directing: [Topic]. 4 Credits.**

Explores different approaches to directing by investigating a filmmaker's use of narrative and aesthetic tools. Students will learn to work with actors, visualize stories, and build narratives through exercises based on particular directing techniques. Repeatable twice for a maximum of 12 credits.

Prereq: J 201; CINE 260M or ENG 260M; One from ARTD 256, CINE 270, J 208; and two from CINE 265, CINE 266, CINE 267.

**CINE 440. National and Regional Cinema: [Topic]. 4 Credits.**

Explores cinematic traditions, artistic styles and industrial practices in specific national and regional contexts as well as cinema's global development. Also examines issues of transnationalism, globalization, and diaspora. Repeatable twice for a maximum of 12 credits when topic changes.

**CINE 486M. New Media and Digital Culture: [Topic]. 4 Credits.**

Study of emerging media forms and techniques, such as digital cinema, video games, viral videos, and interactive media. Offered alternate years. Multilisted with ENG 486M. Repeatable twice for a maximum for 12 credits.

**CINE 490. Directors and Genres: [Topic]. 4 Credits.**

Aesthetic, historical, and theoretical analysis of films, video, and television. Repeatable twice for a maximum of 12 credits when the topic changes.

**CINE 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**CINE 510. Experimental Course. 1-5 Credits.**

Repeatable.

**CINE 511M. US Film Industry. 4 Credits.**

Traces the past and present of the U.S. film industry. Multilisted with J 511M.

**CINE 540. National and Regional Cinema: [Topic]. 4 Credits.**

Explores cinematic traditions, artistic styles and industrial practices in specific national and regional contexts as well as cinema's global development. Also examines issues of transnationalism, globalization, and diaspora.

**CINE 586M. New Media and Digital Culture: [Topic]. 4 Credits.**

Study of emerging media forms and techniques, such as digital cinema, video games, viral videos, and interactive media. Offered alternate years. Multilisted with ENG 586M. Repeatable twice for a maximum for 12 credits.

**CINE 590. Directors and Genres: [Topic]. 4 Credits.**

Aesthetic, historical, and theoretical analysis of films, video, and television. Repeatable twice for a maximum of 12 credits when the topic changes.

**CINE 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

## Classics Courses

### Courses

**CLAS 110. Classical Mythology. 4 Credits.**

Introduction to the world of Greek and Roman mythology with an emphasis on the issues of personal and social identity.

**CLAS 188. Introduction to Classical Archaeology. 4 Credits.**

Introduction to the archaeology and material culture of the Ancient Greeks and Romans.

**CLAS 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CLAS 201. Greek Life and Culture. 4 Credits.**

Introduces students to the literature, history, and art of ancient Greece. Students develop an appreciation for Greek culture and its similarities to and differences from American culture.

**CLAS 202. Roman Life and Culture. 4 Credits.**

Examines a thousand years of Roman life and culture from the founding of the city Rome in the 8th century BCE to the founding of the "New Rome, Constantinople, in the fourth century CE.

**CLAS 301. Greek and Roman Epic. 4 Credits.**

Analysis of the heroic tradition and epic themes in the Homeric poems, the works of Hesiod, and the Aeneid. Emphasis on literary criticism and intellectual history and the reception of these works by later writers and artists.

**CLAS 302. Greek and Roman Tragedy. 4 Credits.**

Examination of the major Greek tragedians, Aeschylus, Sophocles, Euripides, and the Roman, Seneca, from the viewpoint of literary criticism and cultural and intellectual history.

**CLAS 303. Classical Greek Philosophers. 4 Credits.**

Introduction to the philosophies of Plato and/or Aristotle from the viewpoint of Greek intellectual history.

**CLAS 310. Early China, Ancient Greece. 4 Credits.**

Examines the relationship between knowledge and wisdom in literature produced by two different ancient civilizations, Greece and China, from c. 1000 BCE to 86 CE. Offered alternate years.

**CLAS 311. Death and Rebirth in Greece and India. 4 Credits.**

Explores Greco-Roman and Indian conceptions of the soul and beliefs concerning the afterlife, particularly those of reincarnation and soul transmigration. Offered alternate years.

**CLAS 314. Gender and Sexuality in Antiquity. 4 Credits.**

Introduction to construction of the categories of norms of Western sexuality through study of Greek and Roman attitudes toward gender roles, homo- and heterosexuality, the family, and privacy.

**CLAS 330. Greek and Roman Archaeology: [Topic]. 4 Credits.**

A course of variable content focusing on issues and methods of Mediterranean archaeology from the Bronze Age to Late Antiquity. Repeatable twice for a maximum of 12 credits when the topic changes.

**CLAS 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CLAS 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**CLAS 403. Thesis. 1-12 Credits.**

Repeatable.

**CLAS 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**CLAS 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CLAS 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**CLAS 409. Terminal Project. 1-12 Credits.**

Repeatable.

**CLAS 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CLAS 503. Thesis. 1-16 Credits.**

Repeatable.

Prereq: second-year proficiency in Greek or Latin.

**CLAS 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CLAS 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**CLAS 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CLAS 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**CLAS 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**CLAS 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**CLAS 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CLAS 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**CLAS 609. Terminal Project. 1-12 Credits.**

Repeatable.

**CLAS 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CLAS 611. Introduction to Philological Methods. 4 Credits.**

Introduces graduate students to methodological approaches for the study of antiquity, employing faculty expertise in literary criticism, ancient art, historiography, epigraphy, ancient philosophy, and paleography.

## College of Arts and Sciences Courses

### Courses

**CAS 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CAS 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CAS 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**CAS 402. Supervised College Teaching. 1-5 Credits.**

Repeatable.

**CAS 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**CAS 407. Seminar: [Topic]. 1-12 Credits.**

Repeatable.

**CAS 409. Terminal Project. 1-12 Credits.**

Repeatable.

**CAS 410L. Experimental Course: [Topic]. 2 Credits.**

Repeatable.

**CAS 417. Career Readiness. 2 Credits.**

This class provides a foundation for students to critically reflect on their values, interests, personality, and skills. Students then focus on communicating these in different modalities and to different audiences through the job search, networking, job applications, and interviews. This course's credit contribution to the completion of the Bachelor's degree is limited by General Limitations 3d.

**CAS 507. Seminar: [Topic]. 1-12 Credits.**

Repeatable.

## College of Design Courses

### Courses

**DSGN 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**DSGN 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**DSGN 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**DSGN 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**DSGN 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**DSGN 404. Internship: [Topic]. 1-12 Credits.**

Repeatable when topics change.

**DSGN 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**DSGN 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**DSGN 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**DSGN 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable when topics change.

**DSGN 409. Terminal Project. 1-12 Credits.**

Repeatable when topics change.

**DSGN 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**DSGN 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**DSGN 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable when topics change.

**DSGN 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**DSGN 604. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**DSGN 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**DSGN 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**DSGN 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**DSGN 609. Terminal Project. 1-12 Credits.**

Repeatable.

# Communication Disorders and Sciences Courses

## Courses

**CDS 201. Communication Disorders in Society and Media. 4 Credits.**  
Survey of communication disorders and differences, comparing individual and social-cultural perspectives through popular media and real case examples.

Prereq: WR 121Z.

**CDS 401. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**CDS 405. Reading and Conference: [Topic]. 1-3 Credits.**  
Repeatable.

**CDS 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**CDS 407. Seminar: [Topic]. 1-3 Credits.**  
Repeatable.

**CDS 409. Terminal Project. 1-12 Credits.**  
Repeatable.

**CDS 410. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**CDS 430. Speech Pathology-Audiology as Professions. 2 Credits.**  
Introduces the broad dimensions of the speech-language pathology and audiology professions. Begins undergraduate process of acquiring observation hours required for graduate school. Sequence with CDS 431.

**CDS 431. Beginning Clinical Methods. 3 Credits.**  
Focuses on basic methods for assessment and intervention within an evidence-based framework. Includes fifteen hours of guided observation. Sequence with CDS 430.  
Prereq: CDS 430.

**CDS 442. Anatomy and Physiology of Speech Mechanism. 4 Credits.**  
Study of anatomy, physiology, and neurology of speech and language processes.

**CDS 444. Clinical Phonetics and Phonology. 4 Credits.**  
Focuses on sounds and symbols of American English, foreign accents, and dialects using broad and narrow transcription methods. Presents speech production, distinctive features, and basics of phonology.  
Prereq: CDS 442, CDS 450.

**CDS 450. Introduction to Language Development. 4 Credits.**  
Primary focus on the development of phonology, morphology, syntax, semantics, pragmatics, and literacy.  
Prereq: LING 150 and WR 122Z or WR 123.

**CDS 455. Child and Adolescent Development. 4 Credits.**  
Covers theories, norms, and concepts related to child and adolescent development. Geared toward allied health professionals and educators working in a variety of settings.

**CDS 457. Fundamentals of Audiology. 4 Credits.**  
Anatomy and physiology of hearing and vestibular systems; causes, types, and symptomatology of hearing impairment.

**CDS 458. Audiology Disorders and Treatment. 4 Credits.**  
Pure tone, speech and impedance audiometry. Special tests, difficult-to-test populations, and central auditory processing. Audiogram interpretation and report writing.  
Prereq: CDS 457.

**CDS 460. Developmental Disorders in Communication. 4 Credits.**  
Explores growth and developmental disorders that cause or contribute to child and adult speech, language, and fluency impairments.  
Prereq: CDS 450.

**CDS 462. Acquired Disorders of Communication. 4 Credits.**  
Explores neurologic disorders that cause or contribute to child and adult speech, language, and voice impairments.  
Prereq: CDS 470.

**CDS 470. Neuroscience of Speech and Language. 4 Credits.**  
Foundation in normal neuroanatomy and neurophysiology and the clinical signs observed with nervous-system damage.  
Prereq: CDS 442.

**CDS 503. Thesis. 1-15 Credits.**  
Repeatable.

**CDS 507. Seminar: [Topic]. 1-3 Credits.**  
Repeatable.

**CDS 510. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**CDS 542. Anatomy and Physiology of Speech Mechanism. 4 Credits.**  
Study of anatomy, physiology, and neurology of speech and language processes.

**CDS 544. Clinical Phonetics and Phonology. 4 Credits.**  
Focuses on sounds and symbols of American English, foreign accents, and dialects using broad and narrow transcription methods. Presents speech production, distinctive features, and basics of phonology.

**CDS 550. Introduction to Language Development. 4 Credits.**  
Primary focus on the development of phonology, morphology, syntax, semantics, pragmatics, and literacy.

**CDS 557. Fundamentals of Audiology. 4 Credits.**  
Anatomy and physiology of hearing and vestibular systems; causes, types, and symptomatology of hearing impairment.

**CDS 558. Audiology Disorders and Treatment. 4 Credits.**  
Pure tone, speech and impedance audiometry. Special tests, difficult-to-test populations, and central auditory processing. Audiogram interpretation and report writing.

**CDS 560. Developmental Disorders in Communication. 4 Credits.**  
Explores growth and developmental disorders that cause or contribute to child and adult speech, language, and fluency impairments.

**CDS 562. Acquired Disorders of Communication. 4 Credits.**  
Explores neurologic disorders that cause or contribute to child and adult speech, language, and voice impairments.

**CDS 570. Neuroscience of Speech and Language. 4 Credits.**  
Foundation in normal neuroanatomy and neurophysiology and the clinical signs observed with nervous-system damage.  
Prereq: CDS 542.

**CDS 601. Research: [Topic]. 1-9 Credits.**  
Repeatable.

**CDS 603. Dissertation. 1-16 Credits.**  
Repeatable.

**CDS 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**CDS 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.



**CDS 607. Seminar: [Topic]. 1-3 Credits.**

Repeatable. Topics include Multicultural Issues in Communication Disorders and Sciences, Dysphagia, Professional Ethics.

**CDS 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**CDS 609. Terminal Project. 1-12 Credits.**

Repeatable.

**CDS 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CDS 611. Clinical Methods. 1 Credit.**

Provides methodology behind the sound clinical practices and fundamentals of the UO Speech-Language-Hearing Center operations. Prepares students to begin working with clients.

**CDS 620. Workshop: Evidence-Based Practice. 1-2 Credits.**

This course supports students in developing their Evidence-Based Practice Projects via: (1) methods to promote critical evaluation and adoption of research findings; (2) principles of culturally responsive research practice, practice-based evidence and implementation science; and (3) activities to prepare students to complete their EBP projects.

**CDS 621. Practicum I. 2-7 Credits.**

Designed to support first year master's students as they proceed with their clinical training. The course will provide methodology, evidence-based practice and clinic operations training. The focus on using evidence-based practice and rational clinical decision-making will be incorporated throughout class instruction and clinical experiences.

**CDS 622. Practicum II. 2-7 Credits.**

Designed to help prepare second-year students for their medical and school externships. Students will learn clinical skills in the following areas: professional issues in medical settings; documentation in medical settings; ethical issues in speech-language pathology; school practicum requirements; professional issues in securing employment.

**CDS 623. September Experience in Speech Language Pathology. 1 Credit.**

Designed to prepare Graduate Student Clinicians to become Speech-Language Pathologists who can work in the school setting. There are specific skills that Speech-Language Pathologists in the school setting perform and the GSC will be prepared to demonstrate these skills by the end of this externship. Repeatable once for a maximum of 2 credits.

**CDS 624. Medical Externship. 1-15 Credits.**

Designed to prepare Graduate Student Clinicians to become Speech-Language Pathologists who can work in the medical setting. There are specific skills that Speech-Language Pathologists in the medical setting perform and the GSC will be prepared to demonstrate these skills by the end of this externship. Repeatable once for a maximum of 30 credits.

**CDS 625. Final Full-Time Practicum. 1-15 Credits.**

Diagnostic and treatment experience in the public school setting. Repeatable once for maximum of 30 credits.

**CDS 627. Fluency Disorders. 2 Credits.**

This course is designed to provide students with a foundation in the diagnosis and treatment of fluency disorders across the lifespan, with an emphasis on developmental stuttering.

**CDS 631. Cultural-Linguistic Diversity for Clinicians : [Topic]. 1-3 Credits.**

Topics include Multicultural Issues in Communication Disorders and Sciences, Dysphagia, Professional Ethics. Repeatable once for a maximum of 6 credits.

**CDS 632. Dual Language Development. 1 Credit.**

Discussion-based seminar designed to enhance knowledge of the processes and features of typical and atypical dual language development in children's earliest years of life (infancy to preschool). Focus is on dual language acquisition by children from Spanish-English language backgrounds in the context of the US. Sequence with CDS 633.

**CDS 633. Practice with Dual Language Learners. 1 Credit.**

Discussion-based seminar designed to further foundational knowledge of dual language assessment and intervention as it relates to the practice of speech-language pathology. Focus is on assessment and intervention with dual language learners ages 0-5 from Spanish-speaking language backgrounds in the context of the US. Sequence with CDS 632. Prereq: CDS 632.

**CDS 649. Feeding and Swallowing Disorders. 4 Credits.**

Nature and characteristics of feeding and swallowing; methods of evaluation and management of feeding and swallowing in adults and children.

**CDS 651. School-Age Language Disorders. 4 Credits.**

Presents normal language development and language disorders in school-age children and adolescents. Emphasizes contributions from linguistics, psychology, education, and learning theory.

**CDS 652. Speech Sound Disorders. 4 Credits.**

Causes and consequences of phonological disorders; principles and procedures for assessment and intervention.

**CDS 654. Management of Adult Language Disorders. 4 Credits.**

Provides a foundation in diagnosis and treatment of adult neurogenic language disorders, concentrating on aphasia and the cognitive-linguistic changes associated with dementia.

**CDS 656. Voice Science and Disorders. 3 Credits.**

Anatomy and physiology of vocal mechanism; diagnostic and therapeutic approaches for various voice disorders.

**CDS 657. Augmentative Procedures for Communication Disorders. 2 Credits.**

Recent advancements in design, development, and use of systems supplemental to vocal speech and language.

**CDS 660. Motor Speech Disorders. 3 Credits.**

Advanced study of speech disorders associated with lesions of central and peripheral nervous systems.

**CDS 663. Management of Acquired Cognitive Disorders. 4 Credits.**

Examines current theory and practice in cognitive rehabilitation. Reviews models and tools for treating attention, memory, and dysexecutive syndromes.

Prereq: CDS 662.

**CDS 665. Language Disorders in Children. 2,4 Credits.**

Child language disorders and related topics, including principles of assessment and intervention, cultural awareness and sensitivity, clinical application, and working with families.

**CDS 706. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**CDS 707. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CDS 708. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**CDS 709. Terminal Project. 1-16 Credits.**

Repeatable.



**CDS 710. Experimental Course [Topic]. 1-5 Credits.**  
Repeatable.

## Comparative Literature Courses

### Courses

**COLT 101. Introduction to Comparative Literature. 4 Credits.**

Introduction to the comparative study of literature. Emphasis on literary genre, world literature, historical period.

**COLT 102. Introduction to Comparative Literature. 4 Credits.**

Introduction to the comparative study of literature. Emphasis on significant works of world literature in their social and political contexts.

**COLT 103. Introduction to Comparative Literature. 4 Credits.**

Study of visual culture from around the world.

**COLT 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**COLT 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**COLT 211. Comparative World Literature. 4 Credits.**

Explores literature from a global standpoint. Examines movement of literary forms (e.g., genres, motifs, rhetorical modes) from one culture, region, historical epoch to the next.

**COLT 212. Comparative World Cinema. 4 Credits.**

Introduces the principles of comparative analysis, exploring the aesthetic, ideological, and socio-economic exchanges between national cinematic traditions. Themes vary by instructor. Recent themes include Melodrama, Zombies, Queer Cinema.

**COLT 213. United States Culture in Comparative Contexts. 4 Credits.**

Introduction to comparative analysis of literature and culture with emphasis on multilingual US-based writers reflecting on history, memory, identity, and place. Emphasis on the representation of race, gender, power, identity, difference. Introduces core methodologies: close-reading, analysis, comparison, and critique.

**COLT 231. Literature and Society. 4 Credits.**

Introduction to the interdisciplinary study of literature in relation to society and politics. Draws on perspectives from political science, law, sociology, and related fields.

**COLT 232. Literature and Film. 4 Credits.**

Introduction to the interdisciplinary study of literature and film. Draws on perspectives from cinema studies, media aesthetics, and related fields.

**COLT 301. Approaches to Comparative Literature. 4 Credits.**

Introduction to theory and methods in comparative literature, with some attention to the history and problems of the discipline.

**COLT 302. Theories of Poetry. 4 Credits.**

Introduction to the study of poetry and poetic form from a world perspective. Offered alternate years.

**COLT 303. Theories of the Novel. 4 Credits.**

Introduction to the study of narrative and the novel from a world perspective. Offered alternate years.

**COLT 305. Cultural Studies. 4 Credits.**

Introduction to the interdisciplinary study of cultural discourses and practices.

**COLT 360. Gender and Identity in Literature. 4 Credits.**

Introduction to the study of gender in literature, from Asia to Europe to the Americas, and from the classics to the late 20th century.

**COLT 370. Comparative Comics. 4 Credits.**

Examines genre of narrative from a comparative and global standpoint, reviewing the impact of comics and other visual media on questions of national, regional, and ethnic identity. Offered alternate years.

**COLT 380. Comparative Media: [Topic]. 4 Credits.**

Critical analysis of a range of media from a transnational and/or intercultural perspective. Taught as a hybrid course blending face-to-face and online learning. Recent topics include Tokyo Cyberpunk, Asian Horror, Listening to Cinema. Repeatable thrice for a maximum of 16 credits.

**COLT 390. Comparing Identities, Agencies and Differences. 4 Credits.**

A critical reflection on contemporary US power imbalances and systems of race, ethnic, gender and religious privilege, as viewed through the lens of poetry. Students analyze U.S. poetry in comparative contexts (Europe, Asia, Africa). Depending on instructor, comparison may be across historical periods.

**COLT 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**COLT 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**COLT 403. Thesis. 1-12 Credits.**

Repeatable.

**COLT 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**COLT 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**COLT 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**COLT 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**COLT 415. Capstone Seminar. 4 Credits.**

Senior seminar for all comparative literature students includes development and presentation of an original research project. Repeatable three times for a maximum of 16 credits.

**COLT 440. Studies in Genre: [Topic]. 4 Credits.**

Analysis of specific literary genres, modes, or both (e.g., lyric poetry, comedy, allegory). Offered every two to three years. Repeatable twice for a maximum of 12 credits when topic changes.

**COLT 450. Comparative Studies in Cinema: [Topic]. 4 Credits.**

Advanced consideration of the aesthetic (including literary) and cultural contexts of world film. Repeatable twice when topic changes for maximum of 12 credits.

**COLT 460. Major Theorists: [Topic]. 4 Credits.**

Concentrates on the work of a single literary or cultural theorist (e.g., Walter Benjamin, Jacques Derrida, Gayatri Spivak). Repeatable twice for a maximum of 12 credits when topic changes. Offered every two to three years.

**COLT 462. Cultural Intersections: [Topic]. 4 Credits.**

Studies designated issues between literatures and societies remote from one another, e.g., "minor" and "major" cultures, Asia and the West. Repeatable twice when topic changes for maximum of 12 credits.

**COLT 470. Studies in Identity: [Topic]. 4 Credits.**

Advanced study of gender, ethnicity, and other identity formations in literature. Offered every two to three years. Repeatable twice for a maximum of 12 credits when topic changes.

**COLT 503. Thesis. 1-16 Credits.**

Repeatable.

**COLT 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**COLT 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**COLT 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**COLT 540. Studies in Genre: [Topic]. 4 Credits.**

Analysis of specific literary genres, modes, or both (e.g., lyric poetry, comedy, allegory). Offered every two to three years. Repeatable twice for a maximum of 12 credits when topic changes.

**COLT 550. Comparative Studies in Cinema: [Topic]. 4 Credits.**

Advanced consideration of the aesthetic (including literary) and cultural contexts of world film. Repeatable twice when topic changes for maximum of 12 credits.

**COLT 560. Major Theorists: [Topic]. 4 Credits.**

Concentrates on the work of a single literary or cultural theorist (e.g., Walter Benjamin, Jacques Derrida, Gayatri Spivak). Repeatable twice for a maximum of 12 credits when topic changes. Offered every two to three years.

**COLT 562. Cultural Intersections: [Topic]. 4 Credits.**

Studies designated issues between literatures and societies remote from one another, e.g., "minor" and "major" cultures, Asia and the West. Repeatable twice when topic changes for maximum of 15 credits.

**COLT 570. Studies in Identity: [Topic]. 4 Credits.**

Advanced study of gender, ethnicity, and other identity formations in literature. Offered every two to three years. Repeatable twice for a maximum of 12 credits when topic changes.

**COLT 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**COLT 603. Dissertation. 1-16 Credits.**

Repeatable.

**COLT 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**COLT 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**COLT 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**COLT 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**COLT 613. Graduate Studies in Translation. 4-5 Credits.**

Approaches to literary translation in its theoretical, practical and pedagogical dimensions.

**COLT 614. Graduate Studies in Comparative Literature. 5 Credits.**

Overview of the state of the discipline. Treats historical and theoretical developments in literary studies including philology and cultural studies; reconsiders the place of comparative literature in a global, pluralistic curriculum.

**COLT 615. Graduate Studies in Comparative Literature. 5 Credits.**

Survey of contemporary literary theory.

**COLT 616. Transmedial Aesthetics. 5 Credits.**

Approaches to the analysis of film, photography, video, and new media. Emphasis on intersections between comparison and media theory.

**COLT 618. Histories, Theories, and Cultures of New Media. 5 Credits.**

Our class considers different traditions in media theory spanning generations, regions, languages, and methodological approaches to a range of media.

## Computer Information Technology Courses

### Courses

**CIT 281. Web Applications Development I. 4 Credits.**

Fundamentals of web application development using open-source software tools and technologies (Unix, Git), client-side frameworks, server-side programming (Node.js, PHP), model-view-controller pattern, data storage and APIs, cloud hosting.

Prereq: CS 111 with a grade of B- or higher.

**CIT 381. Database Systems. 4 Credits.**

Introduction to database systems, emphasis on database design and access. Database concepts, data modeling, SQL, connecting database to web.

Prereq: B- or better in CIT 281, and CS 110 or CS 115.

**CIT 382. Web Applications Development II. 4 Credits.**

Server- and client-side technologies and their interaction for database-driven web applications: application frameworks, single-page applications, cloud platforms, and open-source software stacks—MEAN (MongoDB, ExpressJS, AngularJS, Node.js) versus LAMP (Linux, Apache, MySQL, PHP).

Prereq: CIT 381.

**CIT 383. Networking Fundamentals. 4 Credits.**

Fundamentals of data communication and networks. Network management and security.

Prereq: CIT 382.

**CIT 405. Reading and Conference: [Topic]. 1-4 Credits.**

Repeatable.

## Computer Science Courses

### Courses

**CS 102. Fundamentals of Computer and Information Security. 4 Credits.**

This course introduces fundamental concepts, terminologies, principles, methods, and scenarios of computer and information security.

**CS 110. Fluency with Information Technology. 4 Credits.**

Introduction to information technology (IT), the study of computer-based information systems. Basics of the Internet and World Wide Web. Students create websites using XHTML and CSS.

**CS 111. Introduction to Web Programming. 4 Credits.**

Project-based approach to learning computer programming by building interactive web pages using JavaScript and XHTML. Programming concepts including structured and object-oriented program design. CS 110 recommended preparation.

Prereq: MATH 101 or equivalent.

**CS 122. Introduction to Programming and Problem Solving. 4 Credits.**

Computational problem solving, algorithm design, data structures, and programming using a multi-paradigm programming language. Introduces techniques for program design, testing, and debugging.

Prereq: MATH 101 or equivalent.

**CS 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**CS 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**CS 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CS 199L. Special Studies in Computer Science: [Topic]. 1-5 Credits.**

Repeatable.

**CS 210. Computer Science I. 4 Credits.**

Basic concepts and practices of computer science. Topics include algorithmic problem solving, levels of abstraction, object-oriented design and programming, software organization, analysis of algorithm and data structures. Sequence with CS 211, CS 212.

Prereq: MATH 112Z. Prior programming experience strongly encouraged.

**CS 211. Computer Science II. 4 Credits.**

Basic concepts and practices of computer science. Topics include algorithmic problem solving, levels of abstraction, object-oriented design and programming, software organization, analysis of algorithm and data structures. Sequence with CS 210, CS 212.

Prereq: CS 210.

**CS 212. Computer Science III. 4 Credits.**

Basic concepts and practices of computer science. Topics include algorithmic problem solving, levels of abstraction, object-oriented design and programming, software organization, analysis of algorithm and data structures. Sequence with CS 210, CS 211.

Prereq: CS 211.

**CS 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CS 313. Intermediate Data Structures. 4 Credits.**

Design and analysis of data structures as means of engineering efficient software; attention to data abstraction and encapsulation. Lists, trees, heaps, stacks, queues, dictionaries, priority queues.

Prereq: CS 210, CS 211, CS 212, MATH 231, MATH 232 with grades of B- or better.

**CS 314. Computer Organization. 4 Credits.**

Introduction to computer organization and instruction-set architecture -- digital logic design, binary arithmetic, design of central processing unit and memory, machine-level programming.

Prereq: CS 210, CS 211, CS 212 with grades of B- or better.

**CS 315. Intermediate Algorithms. 4 Credits.**

Algorithm design, worst-case and average-behavior analysis, correctness, computational complexity.

Prereq: CS 313.

**CS 322. Introduction to Software Engineering. 4 Credits.**

A project-intensive introduction to software engineering intended to build skills, knowledge, and habits of mind that prepare students for 400-level computer science courses, internships, and other software.

Prereq: CS 210, CS 211, CS 212 with grades of B- or better.

**CS 330. C/C++ and Unix. 4 Credits.**

Practical software design and programming activities in a C/C++ and Unix environment, with emphasis on the details of C/C++ and good programming style and practices.

Prereq: CS 314.

**CS 333. Applied Cryptography. 4 Credits.**

This course provides a systematic study of cryptography and its application. It covers cryptographic algorithms, including symmetric-key cryptography, public-key cryptography, cryptanalysis, cryptographic hash functions, and their usage toward message authentication codes, digital signatures, key management and distribution, and user authentication protocols.

Prereq: CS 212.

**CS 372M. Machine Learning for Data Science. 4 Credits.**

Introduction to Machine Learning, with an emphasis on topics relevant for data science. Multilisted with DSCI 372M.

Prereq: CS 212, DSCI 345M, MATH 342.

**CS 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when the topic changes.

**CS 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable

**CS 401. Research: [Topic]. 1-16 Credits.**

Repeatable.

Prereq: CS 313.

**CS 402. Supervised College Teaching. 1-2 Credits.**

Repeatable.

Prereq: CS 313.

**CS 403. Thesis. 1-12 Credits.**

Repeatable.

Prereq: CS 313.

**CS 404. Internship: [Topic]. 1-4 Credits.**

Repeatable.

Prereq: CS 313.

**CS 405. Reading and Conference: [Topic]. 1-12 Credits.**

Repeatable up to five times.

Prereq: CS 313.

**CS 406. Practicum: [Topic]. 1-2 Credits.**

Supervised consulting. Students provide learning assistance in computer science courses. Repeatable for a maximum of 4 credits.

Prereq: CS 313.

**CS 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable when the topic changes. Opportunity to study in greater depth specific topics arising out of other courses.

Prereq: CS 313.

**CS 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

Prereq: CS 313.

**CS 409. Terminal Project. 1-12 Credits.**

Repeatable.

Prereq: CS 313.

**CS 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable when the topic changes.

**CS 413. Advanced Data Structures. 4 Credits.**

Complex structures, storage management, sorting and searching, hashing, storage of texts, and information compression.

Prereq: CS 315.

**CS 415. Operating Systems. 4 Credits.**

Principles of operating system design. Process and memory management, concurrency, scheduling, input-output and file systems, security.

Prereq: CS 330.

**CS 420. Automata Theory. 4 Credits.**

Provides a mathematical basis for computability and complexity. Models of computation, formal languages, Turing machines, solvability. Nondeterminism and complexity classes.

Prereq: CS 315.

**CS 422. Software Methodology I. 4 Credits.**

Technical and nontechnical aspects of software development, including specification, planning, design, development, management and maintenance of software projects. Student teams complete projects.

Prereq: CS 313.

**CS 423. Software Methodology II. 4 Credits.**

Application of concepts and methodologies covered in CS 422/CS 522. Student teams complete a large system design and programming project. Final system specification, test plan, user documentation, and system walk throughs.

Prereq: CS 422 with a grade of B- or better.

**CS 425. Principles of Programming Languages. 4 Credits.**

Syntax and semantics. Scope rules, environments, stores, denoted and expressed values, procedures, and parameters. Definitional interpreters. Types, overloading, parametric polymorphism, and inheritance. Varieties of abstraction.

Prereq: CS 315.

**CS 429. Computer Architecture. 4 Credits.**

RISC (reduced instruction-set computer) and CISC (complex instruction-set computer) design, storage hierarchies, high-performance processor design, pipelining, vector processing, networks, performance analysis.

Prereq: CS 313, CS 314, CS 330.

**CS 431. Introduction to Parallel Computing. 4 Credits.**

Parallel architecture, theory, algorithms, and programming with emphasis on parallel programming, focusing on models, languages, libraries, and runtime systems.

Prereq: CS 330.

**CS 432. Introduction to Networks. 4 Credits.**

Principles of computer network design. Link technologies, packet switching, routing, inter-networking, reliability. Internet protocols. Programming assignments focus on protocol design.

Prereq: CS 330. CS 415 recommended.

**CS 433. Computer and Network Security. 4 Credits.**

Security for various aspects of computers and networks. Elementary cryptography, program security, trusted operating systems, network security, privacy, and legal and ethical issues.

Prereq: CS 415.

**CS 434. Computer and Network Security II. 4 Credits.**

This course covers security threats and solutions for distributed systems and networks, particularly the Internet, the Internet of Things, and distributed systems based on them.

Prereq: CS 433.

**CS 436. Secure Software Development. 4 Credits.**

This course establishes a foundation for applying security principles to the lifecycle of software development in order to minimize software vulnerabilities and counter cyber threats.

Prereq: CS 330.

**CS 441. Introduction to Computer Graphics. 4 Credits.**

Introduction to the hardware, geometrical transforms, interaction techniques, and shape representation schemes that are important in interactive computer graphics. Programming assignments using contemporary graphics hardware and software systems.

Prereq: CS 330.

**CS 443. User Interfaces. 4 Credits.**

Introduction to user interface software engineering. Emphasis on theory of interface design, understanding the behavior of the user, and implementing programs on advanced systems.

Prereq: CS 313.

**CS 445. Modeling and Simulation. 4 Credits.**

Theoretical foundations and practical problems for the modeling and computer simulation of discrete and continuous systems. Simulation languages, empirical validation, applications in computer science.

Prereq: CS 315, CS 330.

**CS 451. Database Processing. 4 Credits.**

Fundamental concepts of DBMS. Data modeling, relational models and normal forms. File organization and index structures. SQL, embedded SQL, and concurrency control.

Prereq: CS 313, CS 314.

**CS 453. Data Mining. 4 Credits.**

Databases, machine learning, artificial intelligence, statistics, and data visualization. Examines data warehouses, data preprocessing, association and classification rule mining, and cluster analysis.

Prereq: CS 451/CS 551.

**CS 461. Introduction to Compilers. 4 Credits.**

Lexical analysis, parsing, attribution, code generation.

Prereq: CS 314, CS 425. CS 420 strongly recommended.

**CS 471. Introduction to Artificial Intelligence. 4 Credits.**

Basic themes, issues, and techniques of artificial intelligence, including agent architecture, knowledge representation and reasoning, problem solving and planning, game playing, and learning.

Prereq: CS 315.

**CS 472. Machine Learning. 4 Credits.**

A broad introduction to machine learning and its established algorithms.

Topics include concept learning, decision trees, neural network.

Prereq: CS 315.

**CS 473. Probabilistic Methods for Artificial Intelligence. 4 Credits.**

Fundamental techniques for representing problems as probability distributions, performing inference, and learning from data. Topics include Bayesian and Markov networks, variable elimination, loopy belief propagation, and parameter.

Prereq: CS 315.

**CS 500M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**CS 503. Thesis. 1-16 Credits.**

Repeatable.

**CS 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Opportunity to study in greater depth specific topics arising out of other courses.

**CS 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**CS 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.



**CS 513. Advanced Data Structures. 4 Credits.**

Complex structures, storage management, sorting and searching, hashing, storage of texts, and information compression.

**CS 520. Automata Theory. 4 Credits.**

Provides a mathematical basis for computability and complexity. Models of computation, formal languages, Turing machines, solvability. Nondeterminism and complexity classes.

**CS 522. Software Methodology I. 4 Credits.**

Technical and nontechnical aspects of software development, including specification, planning, design, development, management and maintenance of software projects. Student teams complete projects.

**CS 523. Software Methodology II. 4 Credits.**

Student teams complete a large system design and programming project. Final system specifications, test plan, user documentation, and system walk-through.  
Prereq: CS 522.

**CS 529. Computer Architecture. 4 Credits.**

RISC (reduced instruction-set computer) and CISC (complex instruction-set computer) design, storage hierarchies, high-performance processor design, pipelining, vector processing, networks, performance analysis.

**CS 531. Introduction to Parallel Computing. 4 Credits.**

Parallel architecture, theory, algorithms, and programming with emphasis on parallel programming, focusing on models, languages, libraries, and runtime systems.

**CS 532. Introduction to Networks. 4 Credits.**

Principles of computer network design. Link technologies, packet switching, routing, inter-networking, reliability. Internet protocols. Programming assignments focus on protocol design.

**CS 533. Computer and Network Security. 4 Credits.**

Security for various aspects of computers and networks. Elementary cryptography, program security, trusted operating systems, network security, privacy, and legal and ethical issues.

**CS 534. Computer and Network Security II. 1-4 Credits.**

This course covers security threats and solutions for distributed systems and networks, particularly the Internet, the Internet of Things, and distributed systems based on them.

**CS 536. Secure Software Development. 4 Credits.**

This course establishes a foundation for applying security principles to the lifecycle of software development in order to minimize software vulnerabilities and counter cyber threats.

**CS 541. Introduction to Computer Graphics. 4 Credits.**

Introduction to the hardware, geometrical transforms, interaction techniques, and shape representation schemes that are important in interactive computer graphics. Programming assignments using contemporary graphics hardware and software systems.

**CS 543. User Interfaces. 4 Credits.**

Introduction to user interface software engineering. Emphasis on theory of interface design, understanding the behavior of the user, and implementing programs on advanced systems.

**CS 545. Modeling and Simulation. 4 Credits.**

Theoretical foundations and practical problems for the modeling and computer simulation of discrete and continuous systems. Simulation languages, empirical validation, applications in computer science.

**CS 551. Database Processing. 4 Credits.**

Fundamental concepts of DBMS. Data modeling, relational models and normal forms. File organization and index structures. SQL, embedded SQL, and concurrency control.

**CS 553. Data Mining. 4 Credits.**

Databases, machine learning, artificial intelligence, statistics, and data visualization. Examines data warehouses, data preprocessing, association and classification rule mining, and cluster analysis.  
Prereq: CS 551.

**CS 561. Introduction to Compilers. 4 Credits.**

Lexical analysis, parsing, attribution, code generation.  
Prereq: CS 314 or equivalent. CS 520 strongly recommended.

**CS 571. Introduction to Artificial Intelligence. 4 Credits.**

Basic themes, issues, and techniques of artificial intelligence, including agent architecture, knowledge representation and reasoning, problem solving and planning, game playing, and learning.

**CS 572. Machine Learning. 4 Credits.**

A broad introduction to machine learning and its established algorithms. Topics include concept learning, decision trees, neural network.

**CS 573. Probabilistic Methods for Artificial Intelligence. 4 Credits.**

Fundamental techniques for representing problems as probability distributions, performing inference, and learning from data. Topics include Bayesian and Markov networks, variable elimination, loopy belief propagation, and parameter.

**CS 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**CS 603. Dissertation. 1-16 Credits.**

Repeatable.

**CS 604. Internship: [Topic]. 1-4 Credits.**

Repeatable.

**CS 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**CS 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**CS 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Research topics are presented.

**CS 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**CS 609. Terminal Project. 1-16 Credits.**

Repeatable. Final project for master's degree without thesis.

**CS 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CS 621. Algorithms and Complexity. 4 Credits.**

Design and analysis of algorithms, strategies for efficient algorithms, introduction to complexity theory including NP-completeness.  
Prereq: CS 520 recommended.

**CS 624. Structure of Programming Languages. 4 Credits.**

Introduction to axiomatic, operational, and denotational semantics. Environments, stores, and continuations. Type theory, subtypes, polymorphism, and inheritance. Functional and logic programming.

**CS 630. Distributed Systems. 4 Credits.**

Principles of distributed computer systems: interprocess communication, distributed file systems, distributed timing and synchronization, distributed programming, transactions, process scheduling, distributed shared memory.  
Prereq: CS 529.



**CS 631. Parallel Processing. 4 Credits.**

Advanced topics in parallel processing including massively parallel computer architecture, supercomputers, parallelizing compiler technology, performance evaluation, parallel programming languages, parallel applications.  
Prereq: CS 529.

**CS 632. Computer Networks. 4 Credits.**

Advanced issues in computer networks, focusing on research to extend the services offered by the Internet.  
Prereq: CS 532.

**CS 633. Advanced Network Security. 4 Credits.**

Classic and state-of-the-art research topics in network security; threats and attacks, defense algorithms and mechanisms, measurement and evaluation of both security problems and solutions. Offered alternate years.  
Prereq: CS 533.

**CS 640. Writing in Computer Research. 2 Credits.**

Students learn to provide and accept constructive criticism of writing samples in a workshop format.

**CS 670. Data Science. 4 Credits.**

Data science is the development of methods to study large and complex data sets. Methods that scale to very large data sets are of particular interest. This course introduces state-of-art data science methods focused on processing very large data sets of real-world data.  
Prereq: CS 551.

## Conflict and Dispute Resolution Courses

### Courses

**CRES 101. Introduction to Conflict Resolution. 4 Credits.**

Explores up-to-date conflict management theories and practical steps to communicate effectively in sensitive situations.

**CRES 199. Special Studies: [Topic]. 1-4 Credits.**

Repeatable.

**CRES 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CRES 401. Research: [Topic]. 1-4 Credits.**

Repeatable.

**CRES 404. Internship: [Topic]. 1-4 Credits.**

Repeatable.

**CRES 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CRES 415. Conflict and Gender. 4 Credits.**

Focuses on the multiple relationships among conflict, violence, and gender in situations of warfare, militarization, and peacemaking.

**CRES 430. Working Internationally: Culture and Context. 4 Credits.**

The theoretical, historical, socio-political, and practical contexts of working, volunteering, doing internships and field research internationally.

**CRES 435. Israel and Palestine. 4 Credits.**

Examination of the Palestinian and Israeli conflict. Evolution of the political struggle with a broad look at the human side of conflict, and examination of critical negotiation issues.

**CRES 440. Dialogue across Differences. 2 Credits.**

Introduction to processes and facilitation of discourse and dialogue, with special emphasis on participation. Sequence with CRES 441.

**CRES 441. Dialogue Across Differences II. 2 Credits.**

Advanced course in dialogic processes and facilitation, with special emphasis on context. Sequence with CRES 440.  
Prereq: CRES 440.

**CRES 445. Conflicts of Incarceration. 4 Credits.**

Issues of crime, incarceration, and justice within the Western context.

**CRES 503. Thesis. 1-9 Credits.**

Repeatable.

**CRES 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CRES 515. Conflict and Gender. 4 Credits.**

Focuses on the multiple relationships among conflict, violence, and gender in situations of warfare, militarization, and peacemaking.

**CRES 530. Working Internationally: Culture and Context. 4 Credits.**

The theoretical, historical, socio-political, and practical contexts of working, volunteering, doing internships and field research internationally.

**CRES 535. Israel and Palestine. 4 Credits.**

Examination of the Palestinian and Israeli conflict. Evolution of the political struggle with a broad look at the human side of conflict, and examination of critical negotiation issues.

**CRES 540. Dialogue Across Differences. 1-2 Credits.**

Introduction to processes and facilitation of discourse and dialogue, with special emphasis on participation. Sequence with CRES 541.

**CRES 541. Dialogue Across Differences II. 2 Credits.**

Advanced course in dialogic processes and facilitation, with special emphasis on context. Sequence with CRES 540.  
Prereq: CRES 540.

**CRES 545. Conflicts of Incarceration. 4 Credits.**

Issues of crime, incarceration, and justice within the Western context.

**CRES 601. Research: [Topic]. 1-9 Credits.**

Repeatable.

**CRES 604. Internship: [Topic]. 1-8 Credits.**

Repeatable up to seven times or a maximum of 8 credits.

**CRES 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**CRES 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CRES 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**CRES 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CRES 611. Terminal Project. 1-9 Credits.**

Repeatable.

**CRES 612. Philosophy of Conflict Resolution. 4 Credits.**

Study of how philosophical and theoretical frameworks influence current views and practices of conflict resolution.

**CRES 613. Perspectives on Conflict Resolution. 4 Credits.**

Introduction to interdisciplinary perspectives on conflict and conflict resolution. Various disciplines (including economics, psychology, and communication) views of conflict and conflict resolution.

**CRES 614. Negotiation, Bargaining and Persuasion. 4 Credits.**

Examines issues that pervade negotiations, including framing arguments, analyzing bargaining conditions, and crafting deals. Basic skills in negotiation, bargaining and persuasion developed through simulated negotiations.

**CRES 616. Mediation Skills. 4 Credits.**

Develop mediation skills such as problem framing, listening, and issue identification and sequencing. Learn to diagnose problems, clarify facts and craft interventions.

**CRES 618. Adjudication and Courts. 2 Credits.**

Designed to familiarize students with litigation and formal legal alternatives such as arbitration. Court processes and regulations are explained.

**CRES 620. Facilitation. 2 Credits.**

Fundamentals of facilitating group discussions and decision-making.

**CRES 621. Culture, Power, and Conflict Resolution I. 2 Credits.**

This course introduces multiple approaches to conflict drawing from distinct cultural traditions. It asks students to consider how cultural differences and power dynamics impact how people approach conflict and conflict resolution.

**CRES 622. Culture, Power, and Conflict Resolution II. 1 Credit.**

Students will explore creative ways to engage cultural difference and power as central assumptions in conflict resolution.

Prereq: CRES 621.

**CRES 623. Culture, Power, and Conflict Resolution III. 1 Credit.**

In this course students theorize how they would like to engage cross cultural dynamics and existing power structures in their own practice.

Prereq: CRES 622.

**CRES 625. Psychology of Conflict. 4 Credits.**

Examines the psychological sources, nature, and functions of conflict, covering multiple levels of analysis relevant to intrapersonal, interpersonal, intragroup, and intergroup conflict.

**CRES 631. Managing Conflict in Organizations. 4 Credits.**

Prepares students to assist in managing disputes within organization. Students will receive a basic introduction to organizational context, and structure, leadership and communication styles, and sources of workplace disputes. The course also provides an overview of the processes by which organizations typically resolve disputes.

**CRES 632. Research Methods. 3 Credits.**

Explores questions that research may encounter or raise, and how to resolve them. Considers both qualitative and quantitative research methods.

**CRES 633. Professional Development Seminar. 1 Credit.**

Provides incoming students with tools to be successful in the graduate program and the professional world.

**CRES 650. Capstone Seminar. 1 Credit.**

Provides student with opportunities to systemically consider lessons from their practicum experiences. Class sessions based on student fieldwork.

**CRES 651. Academic Capstone: Course Concentration. 1 Credit.**

Fulfills the course component of the course concentration final project for conflict resolution students.

Prereq: students must have completed 50 percent or more of their course concentration credits prior to the term in which they enroll in this course.

**CRES 660. Environmental Conflict Resolution. 4 Credits.**

Students learn and critically examine methods of environmental conflict resolution, including conflict assessment, negotiation, decision-making, adaptive management, collaboration, and public participation.

**CRES 665. Family Mediation. 4 Credits.**

Preparation for work-related experiences in family mediation, specifically domestic relations involving custody and parenting time.

**CRES 670. Adversarial Processes. 4 Credits.**

This course is an introduction to the primary adversarial or adjudicative processes used to resolve civil disputes: Litigation and Arbitration.

## Counseling Psychology Courses

### Courses

**CPSY 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**CPSY 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**CPSY 217. Foundations of Student Health and Well-Being. 3 Credits.**

This course examines risk and protective factors for college students and reviews educational and behavioral strategies for reducing personal risk and enhancing well-being, with focus on topics including stress, physical health, healthy sexuality, sexual violence prevention, substance use, social media use, and being allies.

**CPSY 401. Research: [Topic]. 1-5 Credits.**

Repeatable.

**CPSY 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**CPSY 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**CPSY 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**CPSY 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CPSY 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**CPSY 409. Terminal Project. 1-12 Credits.**

Repeatable.

**CPSY 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CPSY 503. Thesis. 1-16 Credits.**

Repeatable.

**CPSY 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CPSY 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**CPSY 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CPSY 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**CPSY 603. Dissertation. 1-16 Credits.**

Repeatable.

**CPSY 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**CPSY 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**CPSY 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CPSY 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**CPSY 609. Terminal Project. 1-12 Credits.**

Repeatable.

**CPSY 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CPSY 611. Counseling Skills. 2-3 Credits.**

Emphasizes experiential learning of a broad range of communication skills needed to form effective helping relationships. Covers client intake procedures and interviewing strategies. Includes laboratory. Prereq for nonmajors; instructor's consent.

**CPSY 612. Professional Ethics. 3 Credits.**

Ethical and legal concerns in the professional practice of psychology. Ethical theory and decision-making processes; legal aspects of client-psychologist relationships.

**CPSY 613. Introduction to Counseling Psychology. 3 Credits.**

Historical foundations of counseling psychology. Major theories and theorists. Counseling as an ecological and context-sensitive interactive process. Settings and roles of the profession.

**CPSY 614. Theories of Counseling. 3 Credits.**

Overview of selected historical and current counseling theories.

**CPSY 615. Counseling Diverse Populations. 3 Credits.**

Influence of gender, race, ethnicity, and other factors related to diverse populations on the identity-formation process in contemporary society. Applications to counseling psychology.

**CPSY 617. Theories of Career Development. 3 Credits.**

Addresses life-span career development including issues, concepts, and definitions; theories of career development and choice; intervention in strategies; and career resources in the context of a multicultural society.

**CPSY 618. Group Dynamics and Counseling. 3 Credits.**

Presents basic elements of general group counseling theory and group dynamics; includes introduction to group-based interventions, guidelines for multicultural practice, ethical and professional issues in group practice, and group leadership.

**CPSY 621. Lifespan Developmental Psychology. 3 Credits.**

Understanding continuity and change in human development and the ways in which the development of children, adolescents, and adults can be enhanced. Repeatable once for a maximum of 6 credits.

**CPSY 622. Psychological Assessment II. 4 Credits.**

Selection and administration of instruments and procedures for generating personality and career assessment reports. Emphasizes the integration of assessment into the intervention planning process. Includes laboratory.

**CPSY 625. Child and Family Interventions. 3 Credits.**

Empirically oriented interventions with children and families, ranging from early childhood through adolescence. Integrates developmental and intervention sciences.

**CPSY 626. Psychological Services for Latinos. 3 Credits.**

Provide graduate students with content specific to carrying out human services work and research with those who are Latino and/or Spanish-speaking.

**CPSY 627. Latinx Mental Health: [Topic]. 3 Credits.**

This course is designed to enhance understanding of Spanish-speaking and Latinx populations in the US with attention to strengths, resilience, social injustice and inequity, and how these influence the health and well-being of Latinx communities as applied in clinical mental health and school settings.

**CPSY 635. Social Aspects of Behavior. 4-5 Credits.**

This course introduces research and concepts related to social influences on human behavior, including prejudice, conformity, aggression, prosocial behavior, internalized social norms, and social cognition.

**CPSY 642. Child-Family Interventions. 4 Credits.**

Empirically oriented interventions with children and families, ranging from early childhood through adolescence. Integrates developmental and intervention sciences.

**CPSY 645. Health Promotion and Equity. 3 Credits.**

This course introduces theoretical and empirical work in prevention-focused health psychology, integrating cultural, developmental, and community psychology concepts as they pertain to health related behaviors.

**CPSY 654. Supervision and Consultation. 4 Credits.**

Focuses on didactic knowledge of supervision theory, research, models of practice, and evidence-based practices in supervision and consultation and acquisition of supervision and consultation skills. Students refine their knowledge of supervision theory, research, and techniques and integrate these into supervision and consultation activities.

**CPSY 690. Adult Practicum. 4 Credits.**

Adult Practicum is a three-term experience over one academic year in which counseling psychology doctoral students work in a clinical setting and provide therapy services to adult clients. Students receive individual and group supervision and training in evidence-based interventions and theoretical models of practice.

**CPSY 704. Internship: [Topic]. 1-15 Credits.**

Repeatable.

**CPSY 706. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**CPSY 708. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**CPSY 709. Terminal Project. 1-16 Credits.**

Repeatable.

## Couples and Family Therapy Courses

### Courses

**CFT 401. Research: [Topic]. 1-5 Credits.**

Repeatable.

**CFT 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CFT 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**CFT 503. Thesis. 1-16 Credits.**

Repeatable.

**CFT 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**CFT 510. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**CFT 601. Research: [Topic]. 1-16 Credits.**  
A current topic is Methods.

**CFT 604. Internship: [Topic]. 1-9 Credits.**  
Repeatable.

**CFT 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**CFT 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**CFT 607. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**CFT 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**CFT 609. Terminal Project. 1-12 Credits.**  
Repeatable.

**CFT 610. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**CFT 612. Parenting Interventions. 3 Credits.**  
Examines evidence-based practices for parenting children and adolescents, including trauma-focused parenting strategies.

**CFT 615. Introduction to Marriage Family Therapy. 3 Credits.**  
Surveys the distinct disciplines of marriage and family therapy.

**CFT 616. Systems Theory Foundations. 3 Credits.**  
Surveys macro theories and their relationship to families and family therapy with emphasis on systems, communications, and ecological theories.

**CFT 620. Mental Health and Diagnosis. 3 Credits.**  
Study of maladaptive behavior, treatment, and prevention emphasizing the integrative contributions of biological, behavior, cognitive, psychodynamic, humanist-existential, and community perspectives, including the "Diagnostic and Statistical Manual of Mental Disorders."

**CFT 625. Violence, Trauma, and Healing. 4 Credits.**  
Theories and research on the acceleration and cessation of violence in the family and assessment of responses to violent family behaviors and to perpetrators, survivors, and families.

**CFT 626. Relational Sex Therapy. 3 Credits.**  
Increases understanding and clinical abilities for working with couples; special emphasis on the role of intimacy and sexual relationships.

**CFT 627. Advanced Theories in Relational Therapy. 4 Credits.**  
Studies theories and models of couples and family therapy; self-evaluation of clinical work. Examines integration, specifically the "metaframeworks" model, solution-focused therapy, and emotionally focused therapy.

**CFT 628. Addiction and Recovery. 4 Credits.**  
Increases the conceptual understanding and skills of family therapists working with contemporary issues; emphasis on addictions and addiction recovery.

**CFT 629. Intimate Partner Therapy. 4 Credits.**  
Application of systems theory to problems within relationships and their resolution. Includes research findings, assessment, motivation, change, content and process, ethics, and social-macro considerations.

**CFT 640. Beginning Practicum. 3 Credits.**

Provides basic clinical skills for initial work with client systems including intake and consent procedures, clinical assessment, treatment planning, and risk assessment.

## Creative Writing Courses

### Courses

**CRWR 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable up to six times.

**CRWR 225. Kidd Workshop I. 4 Credits.**  
Introduction to an intensive, yearlong sequence devoted to the study and practice of poetry, fiction, and nonfiction.

**CRWR 230. Introduction to Poetry Writing. 4 Credits.**  
Introduction to forms and techniques of writing poetry.

**CRWR 235. Kidd Workshop II Poetry. 4 Credits.**  
Second in a yearlong sequence devoted to the studying and practicing poetry and fiction, with an emphasis on poetry. Projects include beginning to develop an individual line of inquiry as well as workshopping original poetry.  
Prereq: CRWR 225 with a grade of B- or better.

**CRWR 240. Introduction to Fiction Writing. 4 Credits.**  
Introduction to forms and techniques of writing fiction.

**CRWR 244. Introduction to Literary Nonfiction. 4 Credits.**  
Introduction to techniques of writing creative nonfiction (the literary essay). Development of a critical appreciation of the art of writing.

**CRWR 245. Kidd Workshop II: Fiction. 4 Credits.**  
Second class in a yearlong sequence devoted to studying and practicing poetry and fiction, with an emphasis on fiction. Projects include beginning to develop an individual line of inquiry as well as workshopping original fiction.  
Prereq: CRWR 225 with a grade of B- or better.

**CRWR 330. Intermediate Poetry Writing. 4 Credits.**  
Intermediate-level study of poetry writing. Repeatable twice for a maximum of 12 credits.  
Prereq: one from CRWR 230, CRWR 235 with a grade of B- or better.

**CRWR 335. Kidd Workshop III: Poetry. 4 Credits.**  
Third class in a yearlong sequence devoted to studying and practicing poetry and fiction, with a special emphasis on poetry. Projects include completing the individual line of inquiry, an original portfolio, and the Kidd Workshops student anthology.  
Prereq: CRWR 235 with a Grade of B- or better.

**CRWR 336. Intermediate Creative Writing: Literary Nonfiction. 4 Credits.**  
Intermediate-level study of literary nonfiction writing. Repeatable twice for a maximum of 12 credits.  
Prereq: one from CRWR 240, CRWR 244, CRWR 245 with a grade of B- or better.

**CRWR 340. Intermediate Fiction Writing. 4 Credits.**  
Intermediate-level study of fiction writing. Repeatable twice for a maximum of 12 credits.  
Prereq: one from CRWR 240, CRWR 244, CRWR 245 with a grade of B- or better.



**CRWR 345. Kidd Workshop III: Fiction. 4 Credits.**

Third class in a yearlong sequence devoted to studying and practicing poetry and fiction, with a special emphasis on fiction. Projects include completing the individual line of inquiry, an original portfolio, and the Kidd Workshops student anthology.

Prereq: CRWR 245 with a Grade of B- or better.

**CRWR 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable up to six times.

**CRWR 405. Writing and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**CRWR 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable up to six times.

**CRWR 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable up to six times.

**CRWR 413. Literature for Poets. 4 Credits.**

Advanced discourse on issues and principles related to the craft of poetry. Repeatable twice for a maximum of 12 credits.

Prereq: one from CRWR 330, CRWR 335 with a grade of B- or better.

Students majoring in English, journalism, or comparative literature may also enroll with instructor approval.

**CRWR 414. Literature for Fiction Writers. 4 Credits.**

Advanced discourse on issues and principles related to the craft of fiction. Repeatable twice for a maximum of 12 credits.

Prereq: One from CRWR 336, CRWR 340, CRWR 345 with a grade of B- or better. Students majoring in English, journalism, or comparative literature may also enroll with instructor approval.

**CRWR 435. Advanced Poetry Writing. 4 Credits.**

Advanced workshop in the writing of poetry. Repeatable twice for a maximum of 12 credits.

Prereq: One from CRWR 330, CRWR 335 with a grade of B- or better.

**CRWR 445. Advanced Fiction Writing. 4 Credits.**

Advanced workshop in the writing of fiction. Repeatable twice for a maximum of 12 credits.

Prereq: One from CRWR 336, CRWR 340, CRWR 345 with a grade of B- or better.

**CRWR 503. Thesis. 1-16 Credits.**

Repeatable.

**CRWR 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable up to six times.

**CRWR 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**CRWR 605. Writing and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**CRWR 607. Seminar: [Topic]. 1-5 Credits.**

Selected seminars offered each year. Repeatable when topic changes.

**CRWR 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**CRWR 609. Terminal Project. 1-16 Credits.**

Repeatable.

**CRWR 610. Experimental Course [Topic]. 1-5 Credits.**

Repeatable when topic changes.

**CRWR 635. MFA Poetry Workshop. 6 Credits.**

Concentration on student writing in a workshop setting. Open only to students admitted to creative writing master of fine arts program in poetry. Repeatable five times for a maximum of 36 credits.

**CRWR 645. MFA Fiction Workshop. 6 Credits.**

Concentration on student writing in a workshop setting. Open only to students admitted to creative writing master of fine arts program in fiction. Repeatable five times for a maximum of 36 credits.

## Dance Activity Courses

### Courses

**DANC 170. Contemporary I. 1 Credit.**

DANC 170 Contemporary I is the study of basic principles of dance movement in the contemporary idiom with an emphasis on the elements of space, time and energy. Repeatable eight times for a maximum of 9 credits.

**DANC 172. Ballet I. 1 Credit.**

Ballet I explores basic movement vocabulary in the ballet idiom.

Repeatable eight times for a maximum of 9 credits.

**DANC 175. Hip Hop I. 1 Credit.**

Hip hop I is a beginning level hip hop technique class incorporating guided warm-up exercises, choreographed sequences, improvisation, and performance. Repeatable eight times for a maximum of 9 credits.

**DANC 185. African I. 1 Credit.**

DANC 185 is a beginning level studio course in dance vocabulary from the African diaspora. Repeatable eight times for a maximum of 9 credits.

**DANC 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Tango, Hip-Hop, Salsa, Drumming, and Swing.

**DANC 270. Contemporary II. 1 Credit.**

DANC 270 Contemporary II is intermediate dance training designed to build upon previously developed technical skills and artistic expression, with a focus on contemporary aesthetics. Repeatable eight times for maximum of 9 credits.

Prereq: DANC 170.

**DANC 272. Ballet II. 1 Credit.**

Ballet II is an intermediate studio technique course in the ballet idiom.

Prereq: DANC 172.

**DANC 275. Hip Hop II. 1 Credit.**

Hip hop II is an intermediate level hip hop technique class incorporating guided warm-up exercises, choreographed sequences, improvisation, and performance.

**DANC 285. African II. 1 Credit.**

African II offers students an intermediate level integration of African movement, traditions, culture, history, music, and storytelling.

Repeatable.

Prereq: DANC 185.

**DANC 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when topic changes.

**DANC 370. Contemporary III. 1 Credit.**

Contemporary III is an advanced level contemporary technique class incorporating guided warm-up exercises, choreographed sequences, improvisation, and performance.

Prereq: DANC 270.

**DANC 372. Ballet III. 1 Credit.**

Ballet III is an advanced technique studio course in the ballet idiom.

Repeatable.

Prereq: DANC 272.



**DANC 375. Hip hop III. 1 Credit.**

Hip hop III is an advanced level hip hop technique class incorporating guided warm-up exercises, choreographed sequences, improvisation, and performance.

Prereq: placement audition or instructor approval.

**DANC 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Tango, Hip-Hop, Salsa, Drumming, and Swing.

## Dance Professional Courses

### Courses

**DAN 125. First Year Seminar: [Topic]. 1 Credit.**

DAN 125 provides a general introduction to dance as a field of study in higher education with a specific focus on opportunities in Dance and allied studies at UO. Repeatable twice for a maximum of 3 credits.

**DAN 171. Dance Improvisation: [Topic]. 1 Credit.**

Dance Improvisation covers a range of solo and group improvisational techniques to develop improvisational skill and heighten creative instincts. Attention will be given to developing safe practices to heighten movement exploration. Topics vary based on the chosen focus of the teacher of record. Repeatable twice for a maximum of 3 credits.

**DAN 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable. Recent topics include Performance, Production Experience, Repertory.

**DAN 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**DAN 241. Screendance: History and Theory. 4 Credits.**

This Arts and Letters group satisfying course explores the historical, theoretical, and cultural contexts of screendance, an interdisciplinary art form at the intersection of dance, film, and new media technologies. It focuses on critical inquiries into screendance while locating that subject in a broader context.

**DAN 251. Looking at Dance. 4 Credits.**

Overview of dance as a cultural and aesthetic experience. Examines its meaning and impact on contemporary United States society.

**DAN 252. Dance Composition I. 3 Credits.**

This course is an introduction to the elements of dance composition. Students will create studies that concentrate on details of formal compositional structure as well as some more contemporary models  
Prereq: DAN 171, DAN 258.

**DAN 255. Dance Production I. 3 Credits.**

Introduction to production planning, management, lighting, design, costuming, and publicity for the dance concert. Practical experience in Dougherty Dance Theatre.

**DAN 256. Dance Somatics. 3 Credits.**

Exploration of patterning in movement. Various body therapies—Bartenieff Fundamentals, ideokinesis, and body-mind centering—provide a framework for experiential investigations.

**DAN 258. Musical Elements of Dance. 3 Credits.**

Explores musical elements of dance and dancing; especially music/dance culture, rhythm, melody, phrasing and form. Sequence with DAN 458.

**DAN 260. Anatomy of Human Movement. 4 Credits.**

An introduction to scientific reasoning focusing on methodology and current research in dance anatomy and kinesiology.

**DAN 271. Contact Improvisation: [Topic]. 1 Credit.**

This course is designed to develop skills, experience and awareness of contact improvisation. Sequence with DAN 171. Repeatable twice for a maximum of 3 credits.

Prereq: DAN 171.

**DAN 280. Dance Loft Performance. 1 Credit.**

Dance Loft Performance is a beginning level repertory dance course modeled after a professional choreographic rehearsal process and performance experience. Participants in this course will perform the work of a student choreographer, under the supervision of a faculty mentor, in a single informal performance. Repeatable twice for a maximum of 3 credits.

**DAN 294. Modern Dance Laboratory. 3 Credits.**

Rigorous training in modern dance as a performing art form emphasizing use of the body as an instrument, elements of movement, and performance skills. Repeatable for a maximum of 24 credits.

Prereq: placement audition.

**DAN 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when topic changes.

**DAN 301. African Dance Aesthetics. 4 Credits.**

Using the field of dance studies to examine African dance aesthetics in popular culture, daily media landscapes, and expressive cultures in Africa and the diaspora.

**DAN 352. Dance Composition II. 3 Credits.**

Compositional forms in dance. Crafting of movements into studies.  
Prereq: DAN 351.

**DAN 355. Dance Production II. 1-2 Credits.**

Extended application of skills and procedures used in producing a concert. Practical backstage work; pre- and postconcert sessions. Repeatable eleven times for maximum of 24 credits.  
Prereq: DAN 255.

**DAN 360. Dance Kinesiology. 4 Credits.**

Applications of anatomical, muscular, and motor control information to dance training and injury prevention.

**DAN 380. Student Dance Concert Performance. 2 Credits.**

Student Dance Concert Performance is an intermediate level practical studio course. Participants in this course will perform the work of a student choreographer, under the supervision of a faculty mentor, performed in a run of fully produced performances. Repeatable twice for a maximum of 6 credits.

**DAN 394. Contemporary III. 3 Credits.**

Intensive 5 days-a-week studio course integrating the study of contemporary dance theory and practice. Fall term focuses on music in dance, winter on dance in culture, and spring term focuses on science and somatics in dance. Repeatable seven times for a maximum of 24 credits.

Prereq: 3 terms of DANC 270, placement audition or instructor approval.

**DAN 401. Research: [Topic]. 1-4 Credits.**

Repeatable twice.

**DAN 403. Thesis. 1-12 Credits.**

Repeatable three times.

**DAN 404. Internship: [Topic]. 1-4 Credits.**

Apprenticeship under the guidance of a supervising teacher in areas such as teaching, arts management, administration, and dance production. Repeatable twice when topic changes for maximum of 12 credits.  
Prereq: Junior standing.

**DAN 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable up to six times.

**DAN 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**DAN 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Choreographic Analysis, Contemporary Issues. Repeatable when topic changes.

**DAN 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable. Topics include rehearsal and performance for department-sponsored events.

Prereq: Audition for performance experiences.

**DAN 409. Terminal Project. 1-12 Credits.**

Repeatable. Current topics are Choreography, Production Design, and Management.

**DAN 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Current topics include Neuromuscular Bases of Dance, Topics in Technique, Composition III.

**DAN 411. Senior Project. 3 Credits.****DAN 412. Student Dance Concert. 1-6 Credits.**

Students apply ideas learned about concert choreography, production, and management. In a cooperative venture, students produce dance works in Dougherty Dance Theatre. Repeatable for maximum of 24 credits.

Prereq: DAN 255, DAN 352.

**DAN 425. Senior Seminar: [Topic]. 1 Credit.**

This multi term topics course focuses on professional development within dance for senior dance majors. Repeatable twice for a maximum of 3 credits.

**DAN 436. Dema African Performance Ensemble: [Topic]. 3 Credits.**

Dema is the concept of total performance experience through dance, music, singing, storytelling, and costume-making through education, teaching, and to entertaining. Dema is a means of encouraging independence, critical thinking, self-worth, and freedom of the mind for students to discover their voices. Repeatable twice for a maximum of 9 credits.

**DAN 443. Dance and Power. 3 Credits.**

This course uses identity as a lens through which we examine structures of power in dance, including, but not limited to, intersections of race, gender, religion, sexual orientation, ethnicity, nationality, socioeconomic status, language, (dis)ability, age, religious commitment, and political perspective. Sequence with DAN 444.

Prereq: DAN 251.

**DAN 444. Contemporary Issues in Dance. 3 Credits.**

This course engages critical conversations about dance in contemporary society with emphasis on understanding various ways that dance functions within communities, how dance can participate and promote social change, and ways that dance makers are expanding possibility in dance. Sequence with DAN 443.

Prereq: DAN 251, DAN 443.

**DAN 452. Dance Composition III. 3 Credits.**

Advanced skills in dance composition to engage critical creative processes for the development of substantial choreographies.

Repeatable once for a maximum of 6 credits. Sequence with DAN 351, DAN 352.

Prereq: DAN 352.

**DAN 458. Music for Dancers. 3 Credits.**

Surveys musical form, style, and expressive content as it relates to dance. Examines the interrelationship of elements of music and dance in significant works from around the world.

Prereq: DAN 252.

**DAN 480. Faculty Dance Concert Performance. 2 Credits.**

Participants in this course will perform the work of a faculty choreographer, or guest artist, in a run of fully produced dance concerts. Repeatable four times for a maximum of 10 credits.

**DAN 481. Repertory Dance Company: Rehearsal. 1-12 Credits.**

Creating and rehearsing new or existing material in preparation for the spring tour. Repeatable four times.

Prereq: audition or application; coreq: DANC 300 level or above in ballet and modern.

**DAN 486. Student Dance Collective: [Topic]. 3 Credits.**

Student Dance Collective is an advanced dance performance ensemble modeled after a professional repertory dance company, which includes a collaborative rehearsal process and multiple live performances.

Prereq: DAN 480, DANC 370, DANC 372, DANC 375.

**DAN 491. Teaching Dance. 3 Credits.**

Application of teaching theories, course planning methods, teaching resources and techniques. Emphasis on teaching in university situation.

Prereq: DAN 252, DAN 394; DAN 271

**DAN 494. Advanced Movement Practice. 3 Credits.**

Advanced Movement Practice is a synthesis of physicality, creative practice, and theory whereby students will investigate the relationships between form, expression, technique, style and identity through embodiment, discussion, readings, writing, video and performance.

Prereq: DANC 370, DANC 372, DANC 375.

**DAN 503. Thesis. 1-16 Credits.**

Repeatable nine times.

**DAN 507. Seminar: [Topic]. 1-5 Credits.**

Recent topics include Choreographic Analysis, Contemporary Issues. Repeatable when topic changes.

**DAN 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable. Topics include rehearsal and performance for department-sponsored events.

Prereq: Audition for performance experiences.

**DAN 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Current topics include Neuromuscular Bases of Dance, Topics in Technique, Composition III.

**DAN 536. Dema African Performance Ensemble: [Topic]. 3 Credits.**

Dema is the concept of total performance experience through dance, music, singing, storytelling, and costume-making through education, teaching, and to entertaining. Dema is a means of encouraging independence, critical thinking, self-worth, and freedom of the mind for students to discover their voices. Repeatable twice for a maximum of 9 credits.

**DAN 558. Music for Dancers. 3 Credits.**

Surveys musical form, style, and expressive content as it relates to dance. Examines the interrelationship of elements of music and dance in significant works from around the world.

**DAN 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**DAN 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**DAN 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable. Topics include Formal Compositional Structure, Solo Composition, and student-initiated topics. Limited by faculty workload and availability.

**DAN 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**DAN 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable. Topics include Performance, Production, Rehearsal.

**DAN 609. Terminal Project. 1-12 Credits.**

Repeatable.

**DAN 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

## Danish Courses

### Courses

**DANE 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**DANE 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**DANE 401. Research: [Topic]. 1-16 Credits.**

Repeatable.

**DANE 403. Thesis. 1-12 Credits.**

Repeatable.

**DANE 405. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**DANE 409. Terminal Project. 1-12 Credits.**

Repeatable.

## Data Science Courses

### Courses

**DSCI 101. Foundations of Data Science I. 4 Credits.**

This course utilizes a quantitative approach to explore fundamental concepts in data science. Students will develop key skills in programming and statistical inference as they interact with real-world data sets across a variety of domains. Ethical and privacy concerns are explored. Sequence with DSCI 102.

**DSCI 102. Foundations of Data Science II. 4 Credits.**

This course expands upon critical concepts and skills introduced in DSCI 101. Topics include the normal distribution, confidence intervals, regression, and classifiers. Sequence with DSCI 101.

Prereq: DSCI 101, MATH 101 (or equivalent placement score) or any other college-level math course.

**DSCI 196. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**DSCI 198. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**DSCI 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**DSCI 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**DSCI 311. Principles and Techniques of Data Science. 4 Credits.**

Intermediate and advanced techniques in data science. Topics include managing data using software programs, data cleaning, handling text, dimensionality, principle component analysis, regression, classification and inference.

Prereq: DSCI 102, CS 211, MATH 342.

**DSCI 345M. Probability and Statistics for Data Science. 4 Credits.**

Introduction to probability and statistics, with an emphasis upon topics relevant for data science. Students cannot get credit for both MATH 343 and DSCI 345M/MATH 345M.

Prereq: MATH 342, CS 211.

**DSCI 372M. Machine Learning for Data Science. 4 Credits.**

Introduction to Machine Learning, with an emphasis on topics relevant for data science. Multilisted with CS 372M.

Prereq: CS 212, DSCI 345M, MATH 342.

**DSCI 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**DSCI 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**DSCI 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**DSCI 402. Supervised College Teaching. 1-6 Credits.**

Repeatable for a max of 6 credits.

**DSCI 403. Thesis. 1-12 Credits.**

Repeatable.

**DSCI 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**DSCI 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

**DSCI 406. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**DSCI 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**DSCI 409. Terminal Project. 1-12 Credits.**

Repeatable.

**DSCI 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**DSCI 411. Capstone Project. 4 Credits.**

This course for Data Science majors provides a student the opportunity to apply the theoretical knowledge and techniques acquired during the Data Science degree curriculum to a project involving real data from the student's domain of specialization. Requires an average 3.75 GPA in courses required.

Prereq: DSCI 311, DSCI 372M, PHIL 223.

**DSCI 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

## Earth Sciences Courses

### Courses

**ERTH 101. Exploring Planet Earth. 4 Credits.**

Plate tectonics, mantle flow, and magmatism. Volcanoes, earthquakes, mountain building, generation of Earth's crust; rocks and minerals; Earth's internal structure. Comparison with other planets. Laboratory, lecture.

**ERTH 102. Exploring Earth's Environment. 4 Credits.**

Landforms, surface processes, and interactions between humans and the environment. Weathering, erosion, sedimentation, ground water, streams, glaciers, deserts, oceans, and coastlines; geologic hazards. Laboratory, lecture. Roering.

**ERTH 103. Exploring Earth History. 4 Credits.**

History of the Earth. Geologic time, sedimentary environments; oceans, mountains, and climate through time; stratigraphic history of North America; evolution of plants and animals; interactions between humans, science, and the environment.

**ERTH 110. People, Rocks, and Fire. 4 Credits.**

Investigation of topics in geology, ecology, and anthropology relevant to contemporary global energy debates; current energy policy issues investigated through term projects.

**ERTH 137. Mountains and Glaciers. 4 Credits.**

Survey of the geological processes that both create and destroy mountain ranges around the world, and an introduction to geological science.

**ERTH 156M. Scientific Revolutions. 4 Credits.**

Surveys several major revolutions in our views of the natural and technological world, focusing on scientific concepts and methodological aspects. For nonscience majors. Multilisted with PHYS 156M.

**ERTH 198. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**ERTH 199. Special Studies: [Topic]. 1-6 Credits.**

Repeatable. Studies of geologic topics combine background lectures with guided field trips to areas of geologic interest.

**ERTH 201. Dynamic Planet Earth. 4 Credits.**

Processes that cause earthquakes, volcanism, mountain building, and plate tectonics. Includes Earth's origin and internal structure, rocks and minerals, gravity and magnetism. Weekly lectures, two-hour laboratory.

**ERTH 202. Earth's Surface and Environment. 4 Credits.**

Earth materials, the rock record, human interactions with surface environment. Sedimentary rocks and environments, chemical and physical weathering, hydrogeology, ground-water contamination, surface processes, human impacts. Weekly lectures, two-hour laboratory.

**ERTH 203. History of Life. 4 Credits.**

Origin, history, and physical evolution of the Earth; geologic time scales, development of the global stratigraphic section. Weekly lectures, two-hour laboratory.

**ERTH 213. Geology of National Parks. 4 Credits.**

Examines selected geologic features in United States national parks/monuments and the processes that form them within a historical approach to the development of the North American continent. Focuses on parks and monuments throughout the conterminous 48 states.

**ERTH 304. The Fossil Record. 4 Credits.**

This course will cover the history of life on Earth through time as found in the fossil record, as well as how scientists go about studying the fossil record. The curriculum also includes the processes of speciation and the disciplines of functional morphology and paleoecology.

**ERTH 305. Dinosaurs. 4 Credits.**

This course covers the evolution, occurrence, and variety of animals classified within the Dinosauria and the changing climate and vegetation during their time. Students will discuss dinosaur video depiction in popular culture and will assess the accuracy of those representations.

**ERTH 306. Volcanoes and Earthquakes. 4 Credits.**

Mechanisms that cause earthquakes and volcanoes, relation to plate tectonics, associated hazards, examples in Oregon and the western United States.

**ERTH 307. Oceanography. 4 Credits.**

Characteristics and physical, chemical, and biological processes of the world's oceans. Includes sections on origin of the oceans, plate tectonics, and human use and misuse of oceans. Students cannot receive credit for both BI 150 and EARTH 307.

**ERTH 308. Geology of Oregon and the Pacific Northwest. 4 Credits.**

The region's geologic and tectonic history and the plate tectonic processes responsible for its evolution.

**ERTH 310. Earth Resources and the Environment. 4 Credits.**

Geology of energy, mineral, and water resources and environmental issues related to their use. Topics include fossil fuels, metals, nuclear waste disposal, and water pollution.

**ERTH 311. Earth Materials. 5 Credits.**

Chemical and mineralogical composition of rocks, sediment, and soil. Properties of common minerals; origin of rocks; microscopic study of rock textures; environmental issues.

Prereq: EARTH 101, EARTH 102 or EARTH 201, EARTH 202; coreq: CH 221 or CH 224.

**ERTH 315. Earth Physics. 4 Credits.**

Physics of basic Earth processes; application of physics to plate tectonics and lithospheric deformation. Topics include forces, deformation, gravity, and seismology. Taught once or more per academic year.

Prereq: MATH 252, PHYS 201.

**ERTH 316. Introduction to Hydrogeology. 4 Credits.**

Examines the role of water in geologic and environmental processes. Topics include the water cycle, groundwater flow, and contaminant transport.

Pre- or coreq: MATH 252, PHYS 201.

**ERTH 318. Introduction to Field Methods. 3 Credits.**

Introduction to geologic mapping and related field skills, rock descriptions, cross sections, and structures. Lectures, laboratories, mandatory field trips.

Prereq: EARTH 101–EARTH 103 or EARTH 201–EARTH 203.

**ERTH 319. Cascade Volcanoes - Field Studies. 4 Credits.**

Two-week summer course. Physical processes that cause volcanic activity, and an introduction to geological science. Examines recent volcanic activity in the Cascades, impacts of volcanism on people, infrastructure, and natural resources, and volcano monitoring and hazard assessment.

**ERTH 331. Mineralogy. 5 Credits.**

Crystal chemistry, systematic study of rock-forming silicate, and selected other minerals, mineral optics, and x-ray diffraction. Lab work with hand samples and petrographic microscopes.

Prereq: EARTH 201, EARTH 202 or EARTH 101, EARTH 102; coreq: CH 221 or CH 224.

**ERTH 332. Introduction to Petrology. 5 Credits.**

Origin and classification of igneous, metamorphic, and sedimentary rocks. Microscopic study of rocks in thin section.

Prereq: EARTH 331.



**ERTH 334. Sedimentology and Stratigraphy. 4 Credits.**

Sedimentary processes; characteristic properties of sedimentary rocks and their use in interpreting depositional environments; principles of lithostratigraphy and sequence stratigraphy.

Prereq: ERTH 101–ERTH 103 or ERTH 201–ERTH 203; pre- or coreq: ERTH 311 or ERTH 332.

**ERTH 337. Introduction to Physical Oceanography. 4 Credits.**

Introduction to the physical processes that occur in the ocean. These processes control the movement of sediment, pollution, nutrients, and biota, as well as heat and freshwater. Topics might include waves, global ocean circulation, sediment transport, estuarine circulation, and biological oceanography.

Prereq: ERTH 101 and ERTH 102 or ERTH 201 and ERTH 202; PHYS 101 and PHYS 102 or PHYS 201 and PHYS 202 or PHYS 251 and PHYS 252.

**ERTH 350. Structural Geology. 3 Credits.**

Description, analysis, and origin of geologic structures including faults, folds, and tectonites. Focus on kinematic and dynamic analysis of deformation of earth materials.

Prereq: ERTH 318; ERTH 311 or ERTH 332.

**ERTH 351. Structural Geology Problems. 1 Credit.**

Exercises in solving structural geology problems using orthographic and stereographic projection techniques. Problems emphasize calculating stress and strain from structural markers.

Coreq: ERTH 350.

**ERTH 352. Structural Geology Laboratory and Field. 1 Credit.**

Collection and interpretation of field and map data for structural analysis. Includes field trips, map and cross-section generation, and some computer-based exercises.

Coreq: ERTH 350.

**ERTH 353. Geologic Hazards. 4 Credits.**

A hands-on study of natural hazards, their physical processes and geography, and their impact on societies worldwide including recent occurrences of natural disasters. This course is accessible and to individuals interested in Geosciences, Geography, and Environmental Science.

Prereq: ERTH 101 or ERTH 201.

**ERTH 363. Computational Tools for Earth Sciences. 4 Credits.**

Introduction to computational tools vital to the work of Earth scientists, including data management and analysis, algorithms, basic programming, computational environments, and visualization.

Prereq: MATH 251.

**ERTH 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ERTH 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**ERTH 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**ERTH 403. Thesis. 1-6 Credits.**

Repeatable three times for a maximum of 6 credits.

Prereq: earth sciences honors or senior thesis students only.

**ERTH 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**ERTH 406. Field Studies: [Topic]. 1-6 Credits.**

Repeatable.

**ERTH 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ERTH 408. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**ERTH 409. Terminal Project. 1-12 Credits.**

Repeatable.

**ERTH 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ERTH 410L. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ERTH 414. Igneous and Metamorphic Petrology. 4 Credits.**

Advanced principles of igneous and metamorphic petrogenesis.

Gibbs phase rule, phase diagrams, mineral thermodynamics; magma geochemistry and rheology; metamorphic facies, geothermometry and geobarometry. Johnston.

Prereq: ERTH 332; CH 223 or CH 226H.

**ERTH 415. Field Geophysics. 4 Credits.**

Introduction to geophysical methods for subsurface investigation, useful for exploration, geotechnical engineering, and characterization of subsurface groundwater and environmental conditions.

Prereq: MATH 112Z or PHYS 201.

**ERTH 416. Geophysical and Environmental Sensors. 4 Credits.**

This experiential course will provide students an introduction to sensors, microcontrollers, automation, data collection and programming from the perspective of sensing the Earth and the environment.

Prereq: MATH 252, ERTH 363 or CS 122.

**ERTH 418. Earth and Environmental Data Analysis. 4 Credits.**

Tools-based instruction in data analysis for earth and environmental scientists. Topics include descriptive statistics, visualization, uncertainty analysis, hypothesis testing, regression, time series, and directional data.

Prereq: MATH 246 or MATH 251.

**ERTH 420. Geocommunication. 3 Credits.**

Scientific writing and presentations for the geological sciences. Focus on writing scientific papers and proposals, preparing oral and visual presentations.

**ERTH 423M. Introduction to Space Physics. 4 Credits.**

Course explores the interaction of the solar wind with the Earth's magnetosphere using fundamental plasma physics supported and motivated by spacecraft observations. Students will gain an understanding of the physics governing the interaction building from single particle plasma motion to specific observation supported examples.

Prereq: PHYS 253, MATH 282.

**ERTH 425. Geology of Ore Deposits. 5 Credits.**

Porphyry copper-molybdenum, epithermal, massive sulfides in volcanic rocks, and base and precious metals in sedimentary rocks. Geologic setting, alteration and ore mineral assemblages, and geochemistry of ore formation.

Prereq: CH 223; ERTH 332.

**ERTH 433. Paleobotany. 4 Credits.**

Evolution and ecology of plants and microbes from the origin of life to global warming. Laboratory exercises and field trip to collect plant fossils.

Pre- or coreq: ERTH 103 or ERTH 203.

**ERTH 434. Vertebrate Paleontology. 4 Credits.**

Evolution of vertebrates, including ourselves, based on fossil evidence.

Physical and other evolutionary constraints are addressed, and lab exercises provide practical experience.

Prereq: ERTH 103 or ERTH 203.



**ERTH 435. Paleopedology. 4 Credits.**

Soil formation; mapping and naming fossil soils; features of soils in hand specimens and petrographic thin sections; interpretations of ancient environments from features of fossil soils.

Prereq: ERTH 311 or ERTH 332.

**ERTH 436. Paleocology and Functional Morphology. 4 Credits.**

Ecological methods for the study of fossil organisms, both terrestrial and marine. Covers a range of methods from those that reconstruct the ecology of individual species to those that deal with whole communities and ecosystems. Laboratory offers practical and analytical experience in the methods.

Prereq: ERTH 103, ERTH 203, or BI 213.

**ERTH 438. Geobiology. 4 Credits.**

Studies how microorganisms interact with geological environments at scales from enzymes to global element cycles.

**ERTH 440. Sedimentary Basin Analysis. 4 Credits.**

Evolution of sedimentary basins, emphasizing tectonic controls on basin formation and filling. Interpretation of subsidence mechanisms and sedimentary processes through analysis of the stratigraphic record.

Prereq: ERTH 334, ERTH 350.

**ERTH 441. Hillslope Geomorphology. 4 Credits.**

Hillslope processes and landforms; includes hillslope hydrology, overland flow erosion, weathering and soil formation, soil creep, landslides and related hazards, glacial and periglacial processes, effects of land-use practices and fire, and landscape evolution.

**ERTH 451. Hydrogeology. 4 Credits.**

Study of the origin, motion, and physical and chemical properties of ground water. Emphasizes quantitative analysis of flow and interaction with geologic materials.

Prereq: CH 222 or CH 225H; ERTH 316.

**ERTH 452. Neotectonics and Quaternary Geology. 4 Credits.**

Interpretation of active structures from deformed quaternary sediments and surfaces using case histories. Field project uses air photos and field techniques. Repeatable once for maximum of 8 credits.

Prereq: ERTH 334, ERTH 350.

**ERTH 453. Tectonics. 3 Credits.**

Tectonic processes and examples. Global kinematics of plates and the forces that drive them. Continental deformation in compressional, shear, and extensional settings.

Prereq: ERTH 350 and calculus.

**ERTH 454. Fluid Dynamics. 4 Credits.**

Introduction to the continuum theory of fluid dynamics, focusing on the Navier-Stokes equations of motion including common simplified limits and extensions. Applications are drawn from Earth and Planetary Science, Biology, and Physics.

Prereq: PHYS 252, MATH 252.

**ERTH 455. Mechanical Earth. 4 Credits.**

Introduction to continuum mechanics. Includes stress and strain, friction, elasticity, viscous fluids, constitutive laws, equations of motion, and deformation of the Earth.

Prereq: ERTH 315, PHYS 202, or equivalent; MATH 256.

**ERTH 456. Signal Processing. 4 Credits.**

A theoretical and hands-on introduction to signal processing techniques that are widely used in geophysical, geological, and related fields.

Prereq: MATH 252 or ERTH 363.

**ERTH 458. Earth Monitoring. 4 Credits.**

Learn hands-on applications of tools used to monitor the solid earth and its changes through time (deformation, gravity, etc.). Address problems related to natural hazards (earthquakes, landslides, volcanoes) and natural resources (climate change).

Prereq: ERTH 101 or ERTH 201, PHYS 201 or MATH 252.

**ERTH 462. Environmental Geomechanics. 4 Credits.**

Application of fluid and solid mechanics to understanding processes in the earth and environmental sciences. Offered alternate years.

Prereq: ERTH 455.

**ERTH 463. Computational Earth Science. 4 Credits.**

Practical techniques for scientific computing. Topics include root finding, curve fitting, interpolation, integration and differentiation, optimization, differential equations.

Prereq: MATH 253; ERTH 363 or equivalent.

**ERTH 466. Geodynamics. 4 Credits.**

Introduction to the process of the earth's physical workings. Includes rheology, bending of lithosphere, viscous flow, and heat transport.

Prereq: MATH 256 or equivalent; ERTH 455.

**ERTH 467. Fault Mechanics. 4 Credits.**

The physics of faulting throughout the earthquake cycle. Topics include fault friction, seismic rupture, earthquake triggering, and other fault zone processes. Offered alternate years.

Prereq: ERTH 315, MATH 253.

**ERTH 468. Introduction to Seismology. 4 Credits.**

Introduction to observational, theoretical, and computational seismology. Includes review of earth structure, source representation, ray theory, and seismic wave phenomena.

Prereq: MATH 256, ERTH 455.

**ERTH 471. Thermodynamic Geochemistry. 4 Credits.**

Introduction to geologic application of classical chemical thermodynamics. Gibbs free energy and its temperature, pressure, and composition derivatives; fugacity, activity, and chemical potential. Solutions, ideal and nonideal.

Prereq: ERTH 311 or ERTH 332, CH 223, MATH 253.

**ERTH 472. Aqueous-Mineral-Gas Equilibria. 4 Credits.**

Aqueous chemistry applied to natural waters (geothermal, diagenetic, continental brines). Equilibrium calculations applied to aqueous-mineral-gas systems.

Prereq: CH 223; MATH 252.

**ERTH 473. Isotope Geochemistry. 4 Credits.**

Introduction to nuclear physics and isotope systematics; techniques of isotope analysis; applications of stable and radioactive isotopes in geochronology and as tracers of geological processes.

**ERTH 474. Soil and Environmental Chemistry. 4 Credits.**

Understanding the flow and cycling of chemicals in soils is vital for addressing many pressing societal issues, including mitigating climate change, growing abundant and safe food, and protecting water quality. This class will describe fundamental soil chemical principles and consider their broader applications.

Prereq: ENVS 477, CH 222.

**ERTH 480. Volcanology. 4 Credits.**

Products and processes of volcanism, transport of magma in the conduit and into the atmosphere, eruptive mechanisms, volcanic hazards.

Prereq: ERTH 201, PHYS 201 or PHYS 251, and MATH 251 or MATH 246.

**ERTH 500M. Temp Multilist Course. 1-5 Credits.**

Repeatable.

**ERTH 503. Thesis. 1-16 Credits.**

Repeatable.

**ERTH 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ERTH 508. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**ERTH 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ERTH 510L. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ERTH 514. Igneous and Metamorphic Petrology. 4 Credits.**

Advanced principles of igneous and metamorphic petrogenesis.

Gibbs phase rule, phase diagrams, mineral thermodynamics; magma geochemistry and rheology; metamorphic facies, geothermometry and geobarometry. Johnston.

**ERTH 515. Field Geophysics. 4 Credits.**

Introduction to geophysical methods for subsurface investigation, useful for exploration, geotechnical engineering, and characterization of subsurface groundwater and environmental conditions.

**ERTH 516. Geophysical and Environmental Sensors. 4 Credits.**

This experiential course will provide students an introduction to sensors, microcontrollers, automation, data collection and programming from the perspective of sensing the Earth and the environment.

**ERTH 518. Earth and Environmental Data Analysis. 4 Credits.**

Tools-based instruction in data analysis for earth and environmental scientists. Topics include descriptive statistics, visualization, uncertainty analysis, hypothesis testing, regression, time series, and directional data. Prereq: MATH 246 or MATH 251.

**ERTH 520. Geocommunication. 3 Credits.**

Scientific writing and presentations for the geological sciences. Focus on writing scientific papers and proposals, preparing oral and visual presentations.

**ERTH 523M. Introduction to Space Physics. 4 Credits.**

Course explores the interaction of the solar wind with the Earth's magnetosphere using fundamental plasma physics supported and motivated by spacecraft observations. Students will gain an understanding of the physics governing the interaction building from single particle plasma motion to specific observation supported examples.

**ERTH 525. Geology of Ore Deposits. 5 Credits.**

Porphyry copper-molybdenum, epithermal, massive sulfides in volcanic rocks, and base and precious metals in sedimentary rocks. Geologic setting, alteration and ore mineral assemblages, and geochemistry of ore formation.

**ERTH 533. Paleobotany. 4 Credits.**

Evolution and ecology of plants and microbes from the origin of life to global warming. Laboratory exercises and field trip to collect plant fossils.

**ERTH 534. Vertebrate Paleontology. 4 Credits.**

Evolution of vertebrates, including ourselves, based on fossil evidence. Physical and other evolutionary constraints are addressed, and lab exercises provide practical experience.

**ERTH 535. Paleopedology. 4 Credits.**

Soil formation; mapping and naming fossil soils; features of soils in hand specimens and petrographic thin sections; interpretations of ancient environments from features of fossil soils.

**ERTH 536. Paleoeecology and Functional Morphology. 4 Credits.**

Ecological methods for the study of fossil organisms, both terrestrial and marine. Covers a range of methods from those that reconstruct the ecology of individual species to those that deal with whole communities and ecosystems. Laboratory offers practical and analytical experience in the methods.

**ERTH 538. Geobiology. 4 Credits.**

Studies how microorganisms interact with geological environments at scales from enzymes to global element cycles.

**ERTH 540. Sedimentary Basin Analysis. 4 Credits.**

Evolution of sedimentary basins, emphasizing tectonic controls on basin formation and filling. Interpretation of subsidence mechanisms and sedimentary processes through analysis of the stratigraphic record.

**ERTH 541. Hillslope Geomorphology. 4 Credits.**

Hillslope processes and landforms; includes hillslope hydrology, overland flow erosion, weathering and soil formation, soil creep, landslides and related hazards, glacial and periglacial processes, effects of land-use practices and fire, and landscape evolution.

**ERTH 551. Hydrogeology. 4 Credits.**

Study of the origin, motion, and physical and chemical properties of ground water. Emphasizes quantitative analysis of flow and interaction with geologic materials.

**ERTH 552. Neotectonics and Quaternary Geology. 4 Credits.**

Interpretation of active structures from deformed quaternary sediments and surfaces using case histories. Field project uses air photos and field techniques. Repeatable once for maximum of 8 credits.

**ERTH 553. Tectonics. 3 Credits.**

Tectonic processes and examples. Global kinematics of plates and the forces that drive them. Continental deformation in compressional, shear, and extensional settings.

**ERTH 554. Fluid Dynamics. 4 Credits.**

Introduction to the continuum theory of fluid dynamics, focusing on the Navier-Stokes equations of motion including common simplified limits and extensions. Applications are drawn from Earth and Planetary Science, Biology, and Physics.

**ERTH 555. Mechanical Earth. 4 Credits.**

Introduction to continuum mechanics. Includes stress and strain, friction, elasticity, viscous fluids, constitutive laws, equations of motion, and deformation of the earth.

**ERTH 556. Signal Processing. 4 Credits.**

A theoretical and hands-on introduction to signal processing techniques that are widely used in geophysical, geological, and related fields.

**ERTH 558. Earth Monitoring. 4 Credits.**

Learn hands-on applications of tools used to monitor the solid earth and its changes through time (deformation, gravity, etc.). Address problems related to natural hazards (earthquakes, landslides, volcanoes) and natural resources (climate change).

**ERTH 562. Environmental Geomechanics. 4 Credits.**

Application of fluid and solid mechanics to understanding processes in the earth and environmental sciences. Offered alternate years.

**ERTH 563. Computational Earth Science. 4 Credits.**

Practical techniques for scientific computing. Topics include root finding, curve fitting, interpolation, integration and differentiation, optimization, differential equations.

**ERTH 566. Geodynamics. 4 Credits.**

Introduction to the process of the earth's physical workings. Includes rheology, bending of lithosphere, viscous flow, and heat transport.

**ERTH 567. Fault Mechanics. 4 Credits.**

The physics of faulting throughout the earthquake cycle. Topics include fault friction, seismic rupture, earthquake triggering, and other fault zone processes. Offered alternate years.

**ERTH 568. Introduction to Seismology. 4 Credits.**

Introduction to observational, theoretical, and computational seismology. Includes review of earth structure, source representation, ray theory, and seismic wave phenomena.

**ERTH 571. Thermodynamic Geochemistry. 4 Credits.**

Introduction to geologic application of classical chemical thermodynamics. Gibbs free energy and its temperature, pressure, and composition derivatives; fugacity, activity, and chemical potential. Solutions, ideal and nonideal.

**ERTH 572. Aqueous-Mineral-Gas Equilibria. 4 Credits.**

Aqueous chemistry applied to natural waters (geothermal, diagenetic, continental brines). Equilibrium calculations applied to aqueous-mineral-gas systems.

Prereq: CH 223; MATH 252.

**ERTH 573. Isotope Geochemistry. 4 Credits.**

Introduction to nuclear physics and isotope systematics; techniques of isotope analysis; applications of stable and radioactive isotopes in geochronology and as tracers of geological processes.

**ERTH 574. Soil and Environmental Chemistry. 4 Credits.**

Understanding the flow and cycling of chemicals in soils is vital for addressing many pressing societal issues, including mitigating climate change, growing abundant and safe food, and protecting water quality. This class will describe fundamental soil chemical principles and consider their broader applications.

**ERTH 580. Volcanology. 4 Credits.**

Products and processes of volcanism, transport of magma in the conduit and into the atmosphere, eruptive mechanisms, volcanic hazards.

**ERTH 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**ERTH 603. Dissertation. 1-16 Credits.**

Repeatable.

**ERTH 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**ERTH 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**ERTH 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ERTH 608. Laboratory Projects: [Topic]. 1-16 Credits.**

Repeatable.

**ERTH 609. Terminal Project. 1-12 Credits.**

Repeatable.

**ERTH 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ERTH 620. Advanced Igneous Petrology. 3 Credits.**

Igneous rocks of the ocean basins, continental margins, and stable continental interior including basalts, calcalkaline series, and granites. Content varies according to research interests.

Prereq: ERTH 514, 571, or equivalent.

**ERTH 692. Advanced Volcanology. 4 Credits.**

This course introduces students to concepts of heat and mass transfer to understand the transport of magma in the subsurface and the physical processes involved in volcanic eruptions.

Prereq: ERTH 480, ERTH 580.

## East Asian Languages and Literatures Courses

### Courses

**EALL 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**EALL 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**EALL 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**EALL 199L. Special Studies: [Topic]. 4 Credits.**

Repeatable.

**EALL 209. Languages and Societies in East Asia. 4 Credits.**

Introduction to languages and societies in East Asia. Topics include the structure of Chinese, Japanese, and Korean; politeness; intercultural communication; writing; minority and immigrant communities. Taught in English.

**EALL 211. Japan: A Cultural Odyssey. 4 Credits.**

Introduction to distinctive features of Japan's linguistic, literary, artistic, and religio-philosophical heritage. Includes guest lectures, films.

**EALL 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**EALL 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**EALL 402. Supervised Tutoring. 1-12 Credits.**

Repeatable.

**EALL 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**EALL 406. Field Studies: [Topic]. 1-21 Credits.**

Repeatable.

**EALL 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**EALL 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**EALL 409. Terminal Project. 1-12 Credits.**

Repeatable.

**EALL 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**EALL 442. Second-Language Acquisition. 4 Credits.**

Analyzes how important theories and concepts in second-language acquisition apply specifically to the learning of Chinese, Japanese, and Korean.

**EALL 443. Chinese, Japanese, and Korean Pedagogy. 4 Credits.**

Advanced language pedagogy; includes investigation of issues pertinent to the teaching of East Asian languages.

Prereq: CHN 303, JPN 303, or KRN 303.

**EALL 460. Teaching East Asian Languages and Literatures at College Level. 2 Credits.**

Training in Chinese and Japanese language instruction through lectures, observations, and teaching practicums. Repeatable thrice for maximum of 8 credits.

**EALL 507. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**EALL 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**EALL 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**EALL 542. Second-Language Acquisition. 4 Credits.**

Analyzes how important theories and concepts in second-language acquisition apply specifically to the learning of Chinese, Japanese, and Korean.

**EALL 543. Chinese, Japanese, and Korean Pedagogy. 4 Credits.**

Advanced language pedagogy; includes investigation of issues pertinent to the teaching of East Asian languages.

**EALL 560. Teaching East Asian Languages and Literatures at College Level. 2 Credits.**

Training in Chinese and Japanese language instruction through lectures, observations, and teaching practicums. Repeatable thrice for maximum of 8 credits.

**EALL 601. Research: [Topic]. 1-10 Credits.**

Repeatable.

**EALL 603. Dissertation. 1-16 Credits.**

Repeatable.

**EALL 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**EALL 607. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**EALL 608. Workshop: [Topic]. 1-4 Credits.**

Repeatable three times when topic changes for maximum of 12 credits.

**EALL 609. Terminal Project. 1-12 Credits.**

Repeatable.

**EALL 611. Critical Approaches. 2 Credits.**

Introduces recent research and methodologies in the fields of Chinese, Japanese and Korean traditional and modern literary, cultural, film, and linguistic studies.

**EALL 680. Linguistics Research and Bibliography. 5 Credits.**

Provides critical training in quantitative and qualitative methods and bibliography research in linguistics and language pedagogy.

## Economics Courses

### Courses

**EC 101. Contemporary Economic Issues. 4 Credits.**

Examines contemporary public policy using economic principles. Topics may include balanced budgets and tax reform, unemployment, health care, poverty and income redistribution, environmental policy, and international trade policy.

**EC 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**EC 201. Introduction to Economic Analysis: Microeconomics. 4 Credits.**

Examines how consumers, firms, and governments make decisions when facing scarce resources and how those decisions affect market outcomes, such as prices and output. MATH 111 recommended.

**EC 202. Introduction to Economic Analysis: Macroeconomics. 4 Credits.**

Examines the aggregate activity of a market economy, the problems that arise, such as inflation and unemployment, and how the government can use macroeconomic policy to address these problems. EC 201 recommended.

**EC 311. Intermediate Microeconomic Theory. 4 Credits.**

Consumer and firm behavior, market structures. General equilibrium theory, welfare economics, collective choice, rules for evaluating economic policy. Students cannot receive credit for both EC 311 and FIN 311.

Prereq: EC 201, MATH 111Z.

**EC 313. Intermediate Macroeconomic Theory. 4 Credits.**

Determination of aggregate income, employment, and unemployment; evaluation of macroeconomic policies.

Prereq: EC 202, MATH 111Z; EC 311 strongly recommended.

**EC 320. Introduction to Econometrics I. 4 Credits.**

Application of classical statistical techniques of estimation, hypothesis testing, and regression to economic models. Includes laboratory section.

Prereq: MATH 242, STAT 243Z.

**EC 327. Introduction to Game Theory. 4 Credits.**

Introductory course in game theory. Develops game-theoretic methods of rational decision making and equilibriums, using many in-class active games. Ellis.

Prereq: one from EC 101, EC 201.

**EC 328. Behavioral Economics and Its Applications. 4 Credits.**

This is an introductory course on behavioral economics, which brings together economics and psychology to understand human decision making in a wide range of real life applications.

Prereq: EC 201.

**EC 330. Urban and Regional Economic Problems. 4 Credits.**

Topics may include urban and metropolitan growth, land use, race and poverty, education systems, slums and urban renewal, transportation, crime, and pollution and environmental quality.

Prereq: EC 201.

**EC 333. Resource and Environmental Economic Issues. 4 Credits.**

Economic analysis of replenishable and nonreplenishable natural resources; environmental issues and policies.

Prereq: EC 201.

**EC 340. Issues in Public Economics. 4 Credits.**

Principles and problems of government financing. Expenditures, revenues, debt, and financial administration. Production by government versus production by the private sector. Tax measures to control externalities.

Prereq: EC 201.

**EC 350. Labor Market Issues. 4 Credits.**

Topics may include the changing structure of employment, the minimum wage, the dual labor market hypothesis, collective bargaining, discrimination, and health and safety regulation.

Prereq: EC 201.

**EC 360. Issues in Industrial Organization. 4 Credits.**

Topics may include analysis of market power, trends in industrial structure, the role of advertising, pricing policies and inflation, impact of social regulation (e.g., OSHA, EPA), and international comparisons.  
Prereq: EC 201.

**EC 370. Money and Banking. 4 Credits.**

Operations of commercial banks, the Federal Reserve System, and the Treasury that affect the United States monetary system.  
Prereq: EC 202.

**EC 380. International Economic Issues. 4 Credits.**

Exchange across international boundaries, theory of comparative advantage, balance of payments and adjustments, international financial movements, exchange rates and international financial institutions, trade restrictions and policy.  
Prereq: EC 201.

**EC 390. Problems and Issues in the Developing Economies. 4 Credits.**

Topics may include the role of central planning, capital formation, population growth, agriculture, health and education, interaction between economic and cultural change, and the "North-South debate."  
Prereq: EC 201.

**EC 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**EC 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**EC 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**EC 404. Internship. 1-4 Credits.**

Repeatable for maximum of 4 credits.

**EC 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**EC 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable only when the topic changes. Yearly offerings vary depending on interests and needs of students and on availability of faculty members.

**EC 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**EC 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable only when the topic changes.  
Prereq: EC 311; EC 313; one from EC 320, EC 423.

**EC 411. Advanced Microeconomic Theory. 4 Credits.**

Advanced theory of consumer and firm behavior, market structures.  
Prereq: one from MATH 253, MATH 263.

**EC 412. Foundations of Economic Policy Analysis. 4 Credits.**

Advanced theoretical foundations of economic policy design and analysis.  
Prereq: EC 411.

**EC 413. Advanced Macroeconomic Theory. 4 Credits.**

Advanced theory about the determination of aggregate income, employment, unemployment; evaluation of macroeconomic policies.  
Prereq: one from MATH 253, MATH 263.

**EC 418. Economic Analysis of Community Issues I. 2 Credits.**

Hands-on experience applying economic analysis and econometrics to problems that face local community nonprofits and government agencies.  
Prereq: EC 311, EC 313; one from EC 320, EC 423.

**EC 419. Economic Analysis of Community Issues II. 4 Credits.**

Hands-on experience applying economic analysis and econometrics to problems that face local community nonprofits and government agencies.  
Prereq: EC 311, EC 320.

**EC 421. Introduction to Econometrics II. 4 Credits.**

Analysis of departures from classical regression assumptions, corrections, and other related topics. Includes laboratory section.  
Prereq: one from EC 320, EC 423.

**EC 422. Economic Forecasting. 4 Credits.**

Basic techniques of economic forecasting that are typically used in a business environment.  
Prereq: one from EC 320, EC 423; coreq: one from EC 421, EC 424.

**EC 423. Econometrics. 4 Credits.**

Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.  
Prereq: MATH 281, MATH 341; MATH 282 and MATH 461 strongly recommended.

**EC 424. Econometrics. 4 Credits.**

Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.  
Prereq: one from EC 423, EC 523.

**EC 425. Econometrics. 4 Credits.**

Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.  
Prereq: one from EC 424, EC 524.

**EC 427. Games and Decisions. 4 Credits.**

Game-theoretic methods of decision-making. Topics may include extensive-form games, noncredible threats, subgame perfect equilibrium, strategic-form games, undominated strategies, Nash equilibrium, coalitional games, and the core.  
Prereq: EC 311; one from EC 320, EC 423.

**EC 428. Behavioral and Experimental Economics. 4 Credits.**

Investigates the "rational choice" model and behavioral alternatives, using laboratory experiments. Topics may include altruism, auctions, bargaining, behavioral finance, hyperbolic discounting, and decision-making under uncertainty.  
Prereq: EC 311; one from EC 320, EC 423.

**EC 430. Urban and Regional Economics. 4 Credits.**

Location theory; urbanization and metropolitan growth; regional analysis; intraurban rent, location and land use, size distribution of urban areas; welfare economics, political economy, and urban problems.  
Prereq: EC 311, FIN 311 or equiv; one from EC 320, EC 423.



**EC 434. Environmental Economics. 4 Credits.**

Introduction to the field that includes theoretical environmental policy, issues in environmental regulation, and empirical techniques used by practitioners.

Prereq: EC 311; one from EC 320, EC 423.

**EC 435. Natural Resource Economics. 4 Credits.**

Applications of economic theory and empirical methods to natural resources problems: ecosystems and renewable resources (land, water, fisheries, forests); exhaustible resources (energy, minerals).

Prereq: EC 311, EC 320.

**EC 440. Public Economics. 4 Credits.**

Theory of public goods and their optimal provision. Collective choice versus private choice and implications for resource allocation and efficiency.

Prereq: EC 311; one from EC 320, EC 423.

**EC 443. Health Economics. 4 Credits.**

Includes moral hazard and adverse selection; incentives faced by health care providers through reimbursement, managed care, and malpractice; rationale for government intervention in the health care sector.

Prereq: EC 311; one from EC 320, EC 423.

**EC 448. Political Economy. 4 Credits.**

Covers the economic problems that arise when the government is a self-interested actor in the economy. We study political agency, voting, the economic origins of political institutions and the size and number of nations.

Prereq: EC 311, EC 313, EC 320.

**EC 450. Labor Economics. 4 Credits.**

Supply and demand for labor, wage determination under various market structures, minimum wage and worker exploitation, human capital investments, labor market signaling and sorting, discrimination, uncertainty, and job matching.

Prereq: EC 311; one from EC 320, EC 423.

**EC 451. Issues in Labor Economics. 4 Credits.**

Topics may include the determination of wages, employment, and unemployment; globalization and immigration; income inequality; internal labor markets; the role of unions; human capital, education, and schools.

Prereq: EC 311; one from EC 320, EC 423.

**EC 460. Theories of Industrial Organization. 4 Credits.**

Theories, quantitative measures, and institutional descriptions of the structure, conduct, and results that characterize American industry. Emphasis is on the determinants and consequences of market power.

Prereq: EC 311; one from EC 320, EC 423.

**EC 462. Economics of Transportation. 4 Credits.**

Examines economic transportation issues and models, including regulation, demand-cost modeling, productivity analysis, random utility and choice modeling, and spatial economics.

Prereq: EC 311; one from EC 320, EC 423.

**EC 470. Monetary Policy. 4 Credits.**

Federal Reserve System strategies and methods of monetary and credit control. Effects of federal policies on prices, output, and employment.

Prereq: EC 313; one from EC 320, EC 423.

**EC 471. Monetary Theory. 4 Credits.**

Money creation, deficit finance, and taxation in monetary economies. Topics may include the government budget constraint, causes and consequences of inflation, Richardian equivalence, and seigniorage.

Prereq: EC 311, EC 313; one from EC 320, EC 423.

**EC 480. International Finance. 4 Credits.**

Foreign exchange markets, interaction between spot and forward markets, speculation and interest arbitrage, balance-of-payments accounting, measures of deficits and surpluses, "open-economy" macroeconomic issues.

Prereq: EC 311, EC 313; one from EC 320, EC 423.

**EC 481. International Trade. 4 Credits.**

Theories of international trade, direction of trade flows, determination of prices and volumes in international trade, tariffs, quotas, customs unions, free versus restricted trade.

Prereq: EC 311; one from EC 320, EC 423.

**EC 482. Economics of Globalization. 4 Credits.**

Applications of economic theories and empirical methods to globalization issues: market integration of goods and factors, international labor and environmental standards, economic growth and income inequality, financial stability, global governance.

Prereq: EC 311, EC 320.

**EC 484. Multinational Corporations. 4 Credits.**

Economist's perspective of multinational corporations. Explores the policies governments use to influence corporate behavior and patterns of investment; taxation as a tool for implementing public policy.

Prereq: EC 311; one from EC 320, EC 423.

**EC 490. Economic Growth and Development. 4 Credits.**

Experience of developed countries and theories of development.

Analysis of specific development programs, role of agriculture, sources of investment, techniques and strategies of investment planning.

Prereq: EC 311, EC 313; one from EC 320, EC 423.

**EC 491. Issues in Economic Growth and Development. 4 Credits.**

Economic issues in developing countries, including use of central planning or markets, capital formation, agriculture, population growth, health and education systems, and the "North-South debate."

Prereq: EC 311, EC 313; one from EC 320, EC 423.

**EC 503. Thesis. 1-16 Credits.**

Repeatable.

**EC 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable only when the topic changes. Yearly offerings vary depending on interests and needs of students and on availability of faculty members.

**EC 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**EC 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable only when the topic changes.

**EC 511. Advanced Microeconomic Theory. 4 Credits.**

Advanced theory of consumer and firm behavior, market structures.

**EC 512. Foundations of Economic Policy Analysis. 4 Credits.**

Advanced theoretical foundations of economic policy design and analysis.

**EC 513. Advanced Macroeconomic Theory. 4 Credits.**

Advanced theory about the determination of aggregate income, employment, unemployment; evaluation of macroeconomic policies.

**EC 522. Economic Forecasting. 4 Credits.**

Basic techniques of economic forecasting that are typically used in a business environment.

**EC 523. Econometrics. 4 Credits.**

Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.

Prereq: MATH 281, MATH 341; MATH 282 and MATH 461 strongly recommended.

**EC 524. Econometrics. 4 Credits.**

Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.

Prereq: EC 523.

**EC 525. Econometrics. 4 Credits.**

Introductory topics in probability theory and statistical inference; regression problems of autocorrelation, heteroskedasticity, multicollinearity, and lagged dependent variables; special single-equation estimating techniques; the identification problem in a simultaneous equation setting; development of simultaneous equation estimating procedures.

Prereq: EC 524.

**EC 527. Games and Decisions. 4 Credits.**

Game-theoretic methods of decision-making. Topics may include extensive-form games, noncredible threats, subgame perfect equilibrium, strategic-form games, undominated strategies, Nash equilibrium, coalitional games, and the core.

**EC 528. Behavioral and Experimental Economics. 4 Credits.**

Investigates the "rational choice" model and behavioral alternatives, using laboratory experiments. Topics may include altruism, auctions, bargaining, behavioral finance, hyperbolic discounting, and decision-making under uncertainty.

**EC 530. Urban and Regional Economics. 4 Credits.**

Location theory; urbanization and metropolitan growth; regional analysis; intraurban rent, location and land use, size distribution of urban areas; welfare economics, political economy, and urban problems.

**EC 534. Environmental Economics. 4 Credits.**

Introduction to the field that includes theoretical environmental policy, issues in environmental regulation, and empirical techniques used by practitioners.

**EC 535. Natural Resource Economics. 4 Credits.**

Applications of economic theory and empirical methods to natural resources problems: ecosystems and renewable resources (land, water, fisheries, forests); exhaustible resources (energy, minerals).

**EC 540. Public Economics. 4 Credits.**

Theory of public goods and their optimal provision. Collective choice versus private choice and implications for resource allocation and efficiency.

Prereq: EC 311.

**EC 543. Health Economics. 4 Credits.**

Includes moral hazard and adverse selection; incentives faced by health-care providers through reimbursement, managed care, and malpractice; rationale for government intervention in the health-care sector.

**EC 548. Political Economy. 4 Credits.**

Covers the economic problems that arise when the government is a self-interested actor in the economy. We study political agency, voting, the economic origins of political institutions and the size and number of nations.

**EC 550. Labor Economics. 4 Credits.**

Supply and demand for labor, wage determination under various market structures, minimum wage and worker exploitation, human capital investments, labor market signaling and sorting, discrimination, uncertainty, and job matching.

**EC 551. Issues in Labor Economics. 4 Credits.**

Topics may include the determination of wages, employment, and unemployment; globalization and immigration; income inequality; internal labor markets; the role of unions; human capital, education, and schools.

**EC 560. Theories of Industrial Organization. 4 Credits.**

Theories, quantitative measures, and institutional descriptions of the structure, conduct, and results that characterize American industry. Emphasis is on the determinants and consequences of market power.

**EC 562. Economics of Transportation. 4 Credits.**

Examines economic transportation issues and models, including regulation, demand-cost modeling, productivity analysis, random utility and choice modeling, and spatial economics.

**EC 571. Monetary Theory. 4 Credits.**

Money creation, deficit finance, and taxation in monetary economies. Topics may include the government budget constraint, causes and consequences of inflation, Richardian equivalence, and seigniorage.

**EC 580. International Finance. 4 Credits.**

Foreign exchange markets, interaction between spot and forward markets, speculation and interest arbitrage, balance-of-payments accounting, measures of deficits and surpluses, "open-economy" macroeconomic issues.

**EC 581. International Trade. 4 Credits.**

Theories of international trade, direction of trade flows, determination of prices and volumes in international trade, tariffs, quotas, customs unions, free versus restricted trade.

**EC 582. Economics of Globalization. 4 Credits.**

Applications of economic theories and empirical methods to globalization issues: market integration of goods and factors, international labor and environmental standards, economic growth and income inequality, financial stability, global governance.

**EC 584. Multinational Corporations. 4 Credits.**

Economist's perspective of multinational corporations. Explores the policies governments use to influence corporate behavior and patterns of investment; taxation as a tool for implementing public policy.

**EC 590. Economic Growth and Development. 4 Credits.**

Experience of developed countries and theories of development. Analysis of specific development programs, role of agriculture, sources of investment, techniques and strategies of investment planning.

**EC 591. Issues in Economic Growth and Development. 4 Credits.**

Economic issues in developing countries, including use of central planning or markets, capital formation, agriculture, population growth, health and education systems, and the "North-South debate."

**EC 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**EC 603. Dissertation. 1-16 Credits.**

Repeatable.

**EC 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**EC 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable. Graduate teaching fellows may earn 3 credits a term; available to other graduate students with department head's consent.

**EC 607. Seminar: [Topic]. 1-5 Credits.**  
Repeatable. Recent topics are Econometrics, Game Theory, Labor Economics, and Public Finance.

**EC 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**EC 609. Terminal Project. 1-12 Credits.**  
Repeatable.

## Education Courses

### Courses

**EDUC 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable. Recent topics include Exploring Careers in Education.

**EDUC 399. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**EDUC 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable. Recent topics include Peer Advising Experience.

**EDUC 407. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**EDUC 408. Workshop: [Topic]. 1-18 Credits.**  
Repeatable.

**EDUC 410. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**EDUC 507. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**EDUC 508. Workshop: [Topic]. 1-18 Credits.**  
Repeatable.

**EDUC 510. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**EDUC 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**EDUC 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**EDUC 607. Seminar: [Topic]. 1-5 Credits.**  
Repeatable. Recent topics include Advanced Professional Practices.

**EDUC 609. Terminal Project. 1-12 Credits.**  
Repeatable.

**EDUC 610. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**EDUC 610L. Experimental Course: [Topic]. 1-4 Credits.**  
Repeatable.

**EDUC 611. Survey of Educational Research Methods. 3 Credits.**  
Survey of qualitative, quantitative, and single-subject research methods. Students develop competence in using published research to inform decision-making in various settings.

**EDUC 612. Social Science and Education Research Design. 3 Credits.**

Overview of qualitative, quantitative, and single-subject research methods. Emphasis on introducing students to considerations, issues, and techniques of social science research design.

**EDUC 614. Educational Statistics. 3 Credits.**

Foundations of statistical methods for research producers. Covers sampling methods, descriptive statistics, standard scores, distributions, estimation, statistical significance testing, T tests, correlation, Pearson's chi-square test, power, effect size.

Prereq: EDUC 612.

**EDUC 615. Qualitative Data and Coding Methods. 4 Credits.**

Introduces basic methods of qualitative research, including data collection and thematic coding of interview and observation data.

**EDUC 616. Philosophical Foundations of Social Science. 4 Credits.**

This course examines the philosophical assumptions that underlie various research methodologies in the human and social sciences. It additionally introduces beginning doctoral students to the work of a variety of professors in the College of Education.

**EDUC 620. Program Evaluation I. 3 Credits.**

Focuses on small-scale evaluations, particularly in the field of education and human services. Students plan and design an evaluation.

Prereq: EDUC 640.

**EDUC 621. Program Evaluation II. 3 Credits.**

Implementation and completion of the evaluation design defined in Program Evaluation I.

Prereq: EDUC 620.

**EDUC 630. Qualitative Methodology I: Interpretivist Inquiry. 4 Credits.**

Examines the history of qualitative research in the study of human experience, emphasizing interpretive approaches to qualitative research that retain the regulative ideal of objectivity.

**EDUC 632. Qualitative Methodology II: Postcritical Inquiry. 4 Credits.**

Explores the epistemic limits of representing human experience, and the political and ethical implications for researchers beginning with Marx.

Pre- or coreq: EDUC 630.

**EDUC 634. Qualitative Methodology III: Posthumanist Inquiry. 4 Credits.**

Examines theoretical influences on qualitative research beginning with those associated with the linguistic turn, then critiquing the linguistic turn, and ending with the ontological turn.

Pre- or coreq: EDUC 630, EDUC 632.

**EDUC 636. Advanced Qualitative Methodology: New Materialisms. 4 Credits.**

Examines contemporary theoretical explorations prompted by "the new materialisms" and how questions of ontology and materiality produce considerations of agency, data, subjectivity, voice, and analysis.

Pre- or coreq: EDUC 630, EDUC 632, EDUC 634

**EDUC 640. Applied Statistical Design and Analysis. 3 Credits.**

Factor analysis of variance, planned comparisons, post hoc tests, trend analysis, effect size and strength of association measures, repeated measures designs.

Prereq: EDUC 614.

**EDUC 641. Applied Statistics in Education and Human Services I. 3 Credits.**

First course in a PhD and advanced master's degree three-course sequence intended to provide a toolkit of statistical concepts, methods and their implementation to producers of applied research in education and other social sciences. Course is organized around principles of research design. Sequence with EDUC 614, EDUC 640, EDUC 643.

**EDUC 642. Multiple Regression in Educational Research. 3 Credits.**

Application and use of multiple regression in educational research. Topics include bivariate regression, multiple regression with continuous and categorical independent variables.

Prereq: EDUC 640.

**EDUC 643. Applied Statistics in Education and Human Service II. 3 Credits.**

Second course in a PhD and advanced master's degree level three-course sequence intended to provide a toolkit of statistical concepts, methods and their implementation to producers of applied research in education and other social sciences. Course is organized around the principle that research design. Sequence with EDUC 614, EDUC 640, EDUC 641.

Prereq: EDUC 641.

**EDUC 644. Applied Multivariate Statistics. 3 Credits.**

Advanced statistical techniques including covariance analyses, discriminant function analysis, multivariate analysis of variance, principal components analysis, exploratory factor analysis.

Prereq: EDUC 640.

**EDUC 646. Advanced Research Design. 3 Credits.**

Provides a deeper understanding of educational research with an emphasis on principles of research designs and their use in applied research. Offered alternate years.

Prereq: EDUC 640.

**EDUC 650. Single-Subject Research Methods I. 3 Credits.**

Basic single-subject design strategies and general procedures as well as issues related to conducting and analyzing single-subject research in applied settings. Sequence with EDUC 652.

Prereq: EDUC 614.

**EDUC 652. Single-Subject Research Methods II. 3 Credits.**

Critical evaluation of single-subject and group-analysis research designs; elaboration on critical topics in single-subject methodology. Sequence with EDUC 650.

Prereq: EDUC 650.

**EDUC 654. Advanced Applied Behavior Analysis. 3 Credits.**

Doctoral-level seminar designed to provide skills, practice, and knowledge in advanced methods and theory of applied behavior analysis.

Prereq: EDUC 652.

**EDUC 656. Advanced Analysis of Single-Case Research. 3 Credits.**

Focuses on application of statistical and meta-analytic strategies for analyzing single-case research. Sequence with EDUC 650, EDUC 652, EDUC 654. Offered alternate years.

Prereq: EDUC 650. One course in structural equation modeling or hierarchical linear modeling is recommended preparation.

## Education Studies Courses

### Courses

**EDST 111. Education and Social Change. 4 Credits.**

Students will evaluate historical, philosophical, and social viewpoints related to the purposes and goals of American education. Additionally, students will compare/contrast multiple approaches to address a range of challenges and opportunities in American schools.

**EDST 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**EDST 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**EDST 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable. A recent topic is Exploring Educational Studies.

**EDST 211. Childhood Studies. 4 Credits.**

Examines child development from within the context of specific development and ecological theories.

**EDST 225. School and Representation in Media. 4 Credits.**

Examines popular culture's influence on schools and teachers along with the various mediating factors such as race, ethnicity, social class, gender, sexuality, religion, and nationality.

**EDST 331. Autobiography of Schooling. 4 Credits.**

The purpose of this course is to engage students in a critical reflection on life in classrooms through recognizing and questioning the assumptions underlying the routine of school. Includes analysis of critical autobiographies, case studies, readings along with application activities.

Sequence with EDST 332, EDST 333.

Prereq: EDST 111, EDST 211.

**EDST 332. Learning, Teaching, and Assessment I. 3 Credits.**

Students move beyond their own critical autobiographies of life in classrooms into various disciplinary literatures on learning, teaching, and assessment.

Prereq: EDST 331; coreq: EDST 338.

**EDST 333. Learning, Teaching, and Assessment II. 3 Credits.**

Focus on specific school subjects that provide a context for examining the basic assumptions underlying teaching, learning, and assessment.

Prereq: EDST 332; coreq: EDST 339.

**EDST 338. Observation: Learning, Teaching, Assessment I. 1 Credit.**

Students focus on listening to children to better understand how they make sense of school subjects.

Pre- or coreq: EDST 332.

**EDST 339. Observation: Learning, Teaching, Assessment II. 1 Credit.**

Focuses on developing skills in observation of learning, teaching, and assessments.

Coreq: EDST 333.

**EDST 342. Curriculum Studies I. 4 Credits.**

This course will examine the development of curriculum theory through analysis of a collection of pivotal readings authored by influential scholars from the 18th and 19th centuries paired with contemporary writings that link historical developments with current policy and practice. Sequence with EDST 333.

Prereq: EDST 333.

**EDST 343. Curriculum Studies II. 4 Credits.**

Examines basic assumptions underlying curriculum development in K-12 schools.

Prereq: EDST 342.



**EDST 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Exploring Educational Studies, IDEA Reading.

**EDST 401. Research: [Topic]. 1-18 Credits.**

Repeatable.

**EDST 402. Supervised College Teaching. 1-6 Credits.**

Repeatable.

**EDST 404. Internship: [Topic]. 1-18 Credits.**

Repeatable.

**EDST 405. Reading and Conference: [Topic]. 1-18 Credits.**

Repeatable.

**EDST 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable. Recent topics include Educational Foundations.

**EDST 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Professional Practices, Education for Minority Students, Reading in the Upper Elementary Grades.

**EDST 408. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**EDST 409. Terminal Project. 1-12 Credits.**

Repeatable. Topics include Integrated Licensure I, II, III.

**EDST 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Topics include Foundations of Education, Science and Health Methods, Social Studies and Language Arts Methods.

**EDST 420. Living in a Stratified Society. 4 Credits.**

Examines the role of public education in the social context of the United States. The purpose of the course is to develop critical ways of thinking about schools as institutions that both reproduce and challenge social inequality.

Prereq: EDST 111, EDST 225.

**EDST 422. Technology Education. 4 Credits.**

Examines educational technology, including the theoretical, methodological, practical, and policy issues that influence the field.

**EDST 440. Physical Education for Diverse Learners. 3 Credits.**

Provides a variety of physical education and fitness activities appropriate for children with diverse abilities.

**EDST 448. Integrating the Arts. 4 Credits.**

This course introduces students to the foundational conceptions of art, learning, curriculum, culture and society that inform the integration of the arts across subjects in elementary classrooms.

**EDST 450. Food and Schools. 4 Credits.**

This course focuses on a topic that has typically been omitted from education courses and programs: food. Through this course, we will be thinking about the ways that food intersects with schools, and the implications of this for formal and informal educators.

Prereq: EDST 420.

**EDST 451. Teaching for Climate Activism. 4 Credits.**

Future teachers survey current research and synthesize best practices for teaching about climate change. The course will draw from research across the fields of climate change education and communication as well as current curricula, books, and materials to explore how best to teach climate change.

Prereq: EDST 420.

**EDST 452. Poverty and Education. 4 Credits.**

Examines the way poverty structures and mediates educational experiences and influences the educational achievement of students.

Prereq: EDST 420.

**EDST 453. Racism and Education. 4 Credits.**

Examines multiple ways institutionalized racism structures and mediates educational experience and multiple visions of anti-racist teaching.

Prereq: EDST 420.

**EDST 454. Patriarchy and Education. 4 Credits.**

Examines the way gender affects educational experiences and influences the educational achievement of students.

Prereq: EDST 420.

**EDST 455. Heteronormativity and Education. 4 Credits.**

Examines the way sexuality and sexual identity influence the educational experiences of students.

Prereq: EDST 420.

**EDST 456. Decolonization and Education. 4 Credits.**

Examines educational institutions and their continuing part in larger social processes of colonization and cultural genocide.

Prereq: EDST 420.

**EDST 457. Immigration, Diaspora and Education. 4 Credits.**

Examines the way educational institutions have responded to human migration generally and to immigrant students specifically.

Prereq: EDST 420.

**EDST 463. Foundations of Literacy. 4 Credits.**

Introduction to the various theoretical dimensions of reading and writing that form the foundation for understanding and teaching the complex texts children encounter today.

Prereq: EDST 333.

**EDST 464. Multicultural Literacy. 4 Credits.**

Introduces preservice teachers to literature written from ethnic, linguistic, social, and cultural perspectives and draws connections to broader cultural, social, historical, economic, and political contexts.

Prereq: EDST 420.

**EDST 471. Foundations of Algebra Learning. 4 Credits.**

Focuses on the principles underlying the teaching and learning of algebra. Sequence with EDST 472.

**EDST 472. Foundations of Geometry Learning. 4 Credits.**

Focuses on the principles underlying the teaching and learning of geometry. Sequence with EDST 471.

Prereq: EDST 471.

**EDST 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Professional Practices, Education for Minority Students, Reading in the Upper Elementary Grades.

**EDST 508. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**EDST 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Topics include Foundations of Education, Science and Health Methods, Social Studies and Language Arts Methods.

**EDST 522. Technology Education. 4 Credits.**

Examines educational technology, including the theoretical, methodological, practical, and policy issues that influence the field.

**EDST 548. Integrating the Arts. 4 Credits.**

This course introduces students to the foundational conceptions of art, learning, curriculum, culture and society that inform the integration of the arts across subjects in elementary classrooms.



**EDST 550. Food and Schools. 4 Credits.**

This course focuses on a topic that has typically been omitted from education courses and programs: food. Through this course, we will be thinking about the ways that food intersects with schools, and the implications of this for formal and informal educators.

**EDST 552. Poverty and Education. 1,4 Credit.**

Examines the way poverty structures and mediates educational experiences and influences the educational achievement of students.

**EDST 553. Racism and Education. 4 Credits.**

Examines multiple ways institutionalized racism structures and mediates educational experience and multiple visions of anti-racist teaching.

**EDST 555. Heteronormativity and Education. 4 Credits.**

Examines the way sexuality and sexual identity influence the educational experiences of students.

**EDST 556. Decolonization and Education. 4 Credits.**

Examines educational institutions and their continuing part in larger social processes of colonization and cultural genocide.

**EDST 557. Immigration, Diaspora and Education. 4 Credits.**

Examines the way educational institutions have responded to human migration generally and to immigrant students specifically.

**EDST 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**EDST 603. Dissertation. 1-16 Credits.**

Repeatable.

**EDST 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**EDST 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**EDST 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**EDST 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**EDST 609. Terminal Project. 1-12 Credits.**

Repeatable.

**EDST 610. Experimental Course. 1-5 Credits.**

Repeatable.

**EDST 612. Foundations of Teaching and Learning. 3 Credits.**

Provides students with the psychological foundations of teaching and learning.

**EDST 614. Cultural Context of Education. 4 Credits.**

Examines the cultural foundations of educational practice through a critical review of four decades of ethnographic research on school and student culture.

**EDST 616. Language, Power, and Education. 1-4 Credits.**

Examines the politics, policies, and practical realities associated with language and literacy in educational settings and how these issues affect all students to some degree.

**EDST 617. Sapsik'walá Indigenous Education Seminar I. 1-2 Credits.**

Students in the Sapsik'walá (Teacher) Education Program study Indigenous teaching methods, including decolonizing, Indigenous feminist, and Elder pedagogies, and reflect on and analyze the importance of their own work as Indigenous educators who are contributing to Indigenous self-determination in education and Tribal Nation building.

**EDST 618. Methods ESOL: Teaching English Language Development, K-12. 3 Credits.**

Examines best practices of delivering English-language development in light of federal and state standards, including teaching methods, technology, and parental involvement.

**EDST 620. Curricular Controversies: Math and Literacy. 4 Credits.**

Focuses on the debates that influence, and in some cases overshadow, the teaching of mathematics and literacy from kindergarten to grade 12. Sequence with EDST 621, EDST 640.

**EDST 621. Methods: Representing Mathematical Concepts. 4 Credits.**

Students deepen their content knowledge, widen their understanding of student conceptualizations of mathematics, and reflect on their own mathematics instructional practices. Sequence with EDST 620, EDST 622.

**EDST 622. Methods: Mathematical Problem-Solving Curriculum. 4 Credits.**

Prepares students to view mathematics as a problem-solving field rather than a set of discrete skills and operational rules. Sequence with EDST 620, EDST 621.

Prereq: EDST 621.

**EDST 623. Methods: Representing Science Concepts. 4 Credits.**

Examines why science is taught, what science subjects need to be taught, and how science is learned. Sequence with EDST 620, EDST 624.

**EDST 624. Methods: Scientific Problem-Solving Curriculum. 4 Credits.**

Presents science as a problem-solving field rather than a set of discrete facts and concepts. Introduces scientific literacy as the aim of science teaching. Sequence with EDST 620, EDST 623.

Prereq: EDST 623.

**EDST 627. Mgmt: Introduction to Supportive Learning Communities. 1 Credit.**

Introduces the teacher candidate to the necessary components for creating supportive and successful classroom communities, including interaction between motivation, "classroom management," and teacher-student relationships. Sequence with EDST 628.

**EDST 628. Mgmt: Creating Supportive Classroom Communities. 3 Credits.**

Builds on EDST 627 by providing specific research, experience, and strategies for developing classroom environments where student behaviors are focused on learning. Sequence with EDST 627.

Prereq: EDST 627.

**EDST 630. Curriculum Studies and the Profession of Teaching. 4 Credits.**

Examines a variety of ways curriculum is conceptualized at the secondary level. Sequence with EDST 631, EDST 632 (or EDST 634 or EDST 635, EDST 636); EDST 638.

**EDST 631. Methods ELA: Representing Literature to Young People. 4 Credits.**

Examines why literature is taught and the way teachers represent literary works to students. Sequence with EDST 630, EDST 632, EDST 638.

**EDST 632. Methods: Engaging Students in Writing. 4 Credits.**

Overview of strategies and tools for engaging students in the writing process. Emphasis on genres of writing and use of technology to enhance student writing. Sequence with EDST 630, EDST 631, EDST 638.

Prereq: EDST 631.

**EDST 633. Methods: Representing Second-Language Concepts. 4 Credits.**

Provides a research-based foundation for planning, teaching, assessing, and managing second-language learning for the great diversity of students encountered in middle and high school. Sequence with EDST 630, 634, 637, 638.

**EDST 634. Methods: Second-Language Conversation and Composition. 4 Credits.**

Advanced teaching methodologies, techniques, and skills to effectively promote proficiency and fluency in second languages. Sequence with EDST 630, EDST 638.

Prereq: EDST 633.

**EDST 635. Methods: Representing Social Studies Concepts. 4 Credits.**

Examines why social studies is taught and the way teachers represent social studies concepts to students. Sequence with EDST 630, EDST 636, EDST 638.

**EDST 636. Methods: Social Studies Inquiry and Analysis. 4 Credits.**

Explores the theory and practice of teaching social studies as a specialized form of inquiry. Sequence with EDST 630, EDST 635, EDST 638.

Prereq: EDST 635.

**EDST 638. Methods ESOL: English Language Learners Pedagogy Humanities. 4 Credits.**

Examines a variety of research-based instructional and assessment strategies that support English language learners in meeting the curricular mandates of mainstream language arts and social studies courses. Sequence with EDST 630; EDST 631, EDST 632 (or EDST 634 or EDST 635, EDST 636).

**EDST 639. Sapsik'walá Indigenous Education Seminar II. 1 Credit.**

This continuing Sapsik'walá (Teacher) seminar studies Indigenous teaching methods, including decolonizing, Indigenous feminist, and Elder pedagogies, and reflect on and analyze the importance of their own work as Indigenous educators who are contributing to Indigenous self-determination in education and Tribal Nation building.

**EDST 640. Methods: Constructing Meaning through Literacy. 4 Credits.**

Provides concepts and strategies used in teaching children to read. Focuses in particular on instruction for beginning and intermediate readers and writers.

**EDST 642. Methods: Humanities Pedagogy. 4 Credits.**

Explores the application of language arts and social studies methods and strategies for future elementary school practitioners.

**EDST 643. Methods: Teaching Mathematics-Facts and Inquiry. 4 Credits.**

Focuses on four areas of instruction crucial to becoming a skillful beginning teacher of mathematics.

**EDST 645. Methods: Teaching Science-Detail and Discovery. 4 Credits.**

Emphasizes science as a process of contemplating, exploring, and raising questions about the world in elementary classrooms.

**EDST 646. Methods ESOL: Eng Lang Learners Pedagogy Elementary Classrm. 4 Credits.**

Examines a variety of research-based instructional and assessment strategies that support English language learners in meeting the mandates of elementary-level curriculum.

**EDST 647. English Language Learner Methods. 3 Credits.**

Application-based course to provide English for Speakers of Other Languages (ESOL) endorsement candidates with opportunities to apply research-based instructional and assessment strategies that support English language learners. Method course has strong connection to planning for and assessing emerging bilingual English learner strengths and needs.

**EDST 648. Sapsik'walá Indigenous Education Seminar III. 1 Credit.**

This continuing Sapsik'walá (Teacher) seminar studies Indigenous teaching methods, including decolonizing, Indigenous feminist, and Elder pedagogies, and reflect on and analyze the importance of their own work as Indigenous educators who are contributing to Indigenous self-determination in education and Tribal Nation building.

**EDST 654. Learning and Motivational Sciences. 4 Credits.**

Survey of the learning and motivational sciences for advanced graduate students. Offered alternate years.

**EDST 661. Sociology: From Reproduction to Resistance. 4 Credits.**

Focuses on the ways schools reproduce, reinforce, and challenge prevailing social, economic, and political relationships. Offered alternate years.

**EDST 662. Curriculum Theory: Contesting Educational Content. 4 Credits.**

Survey of the history of curriculum theory, the subfield that asks the fundamental question, what is worth teaching? Offered alternate years.

**EDST 663. Education and Immigration. 4 Credits.**

Examines the way educational institutions have responded to human migration generally and to immigrant students, with an emphasis on bilingual education policy. Offered alternate years.

**EDST 664. Seminar in Bilingualism and Biliteracy. 4 Credits.**

This doctoral seminar explores multiple aspects of bilingualism and biliteracy in the United States. The emphasis is on the ways in which bilingualism and biliteracy develop in culturally and linguistically diverse communities and for people from different language groups.

**EDST 666. Thesis Writing. 4 Credits.**

Seminar for doctoral students who have advanced to candidacy. Emphasis is on support through the dissertation proposal writing process. Repeatable twice for a maximum of 12 credits.

**EDST 667. Grant Writing: Finding Funders. 4 Credits.**

Provides graduate students with the knowledge and skills needed to write successful grant proposals for research, professional development, and curriculum development projects.

**EDST 673. Advanced Qualitative Methodology: Arts-Based Approaches. 4 Credits.**

Examines contemporary reflexive social science research writing, focusing on experimentations with the form used by researchers to communicate insights about human affairs.

Pre- or coreq: EDUC 630, EDUC 632, EDUC 634.

**EDST 675. Indigenous Methods. 4 Credits.**

This seminar examines foundational questions and literatures that guide Indigenous methodologies, the purpose of which is to foster students' abilities and commitments to enact inquiries grounded in relationality, respect, and responsibility toward Indigenous peoples and Indigenous struggles for self-determination, sovereignty, and decolonization.

Prereq: EDUC 630, EDUC 632.

**EDST 681. Elementary Part-Time Teaching. 4 Credits.**

Provides scope, structure, supervision oversight, and guidance to support students during the part-time student teaching practicum in an Elementary school setting. Is first of two terms of clinical placement that together satisfy the Oregon Teacher Standards and Practices Commission intensive and extensive field-based requirements. Repeatable once for a maximum of 8 credits.

Prereq: Must complete all prior UOTeach course work with a cumulative 3.00 GPA or higher and have successfully completed prior term of field experience prior to enrollment.

**EDST 682. Elementary Teaching Performance Assessment. 2 Credits.**

Provides scope, structure, supervision oversight, and guidance to support pre-service teachers during their fulltime student teaching (EDST 683) and together are the last of two terms of clinical placement that together satisfy the Oregon Teacher Standards and Practices Commission (TSPC) intensive and extensive field-based requirement.

Prereq: Must complete all prior UOTeach course work with a cumulative 3.00 GPA or higher and have successfully completed prior term of field experience prior to enrollment.

**EDST 683. Elementary Full-Time Student Teaching. 10 Credits.**

The Elementary fulltime student teaching is designed to give candidates the opportunity to gradually take the lead in preparation, instruction, and assessment for the classroom. This experience helps develop knowledge, skills, and professional dispositions to make a positive impact on student learning. Repeatable once for a maximum of 20 credits.

Prereq: Must complete all prior UOTeach course work with a cumulative 3.00 GPA or higher and have successfully completed prior term of field experience prior to enrollment.

**EDST 686. Secondary Part-Time Teaching. 4 Credits.**

Provides scope, structure, supervision oversight, and guidance to support students in part-time pre-service student teaching practicum in an Mid-High School setting. The first of two terms of clinical placement that together satisfy the Oregon Teacher Standards and Practices Commission intensive and extensive field-based experience. Repeatable once for a maximum of 8 credits.

Prereq: Must complete all prior UOTeach course work with a cumulative 3.00 GPA or higher and have successfully completed prior term of field experience.

**EDST 687. Secondary Teaching Performance Assessment. 2 Credits.**

Provides scope, structure, supervision oversight, and guidance to support students during the full-time student teaching practicum in Mid/High School settings. Is the second of two terms of clinical placement that together satisfy the Oregon Teacher Standards and Practices Commission intensive and extensive field-based requirements. Repeatable twice for a maximum of 4 credits.

Prereq: Must complete all prior UOTeach course work with a cumulative 3.00 GPA or higher and have successfully completed prior term of field experience prior to enrollment.

**EDST 688. Secondary Full-Time Student Teaching. 10 Credits.**

The Secondary full-time student teaching is designed to give candidate the opportunity to gradually take the lead in preparation, instruction, and assessment for the classroom. This experience helps develop knowledge, skills, and professional dispositions to make a positive impact on student learning. Repeatable once for a maximum of 20 credits.

Prereq: Must complete all prior UOTeach course work with a cumulative 3.00 GPA or higher and have successfully completed prior term of field experience prior to enrollment.

## Educational Leadership Courses

### Courses

**EDLD 211. Exploring Leadership. 3 Credits.**

Understanding the context of leadership for the common good and for change in educational and social systems; establishing basic skill-building in project management fundamentals to promote effective leadership.

**EDLD 311. Equity Leadership and Social Change. 3 Credits.**

Provides foundational exposure to current scholarship and practice in approaches that promote equity and inclusion within professional educational and social service settings.

**EDLD 411. Examining Leadership Effectiveness. 3 Credits.**

Designed for students who enroll in a proposed minor program yet to be named. Focuses on analysis of personal commitments and goals in the context of leadership for social change.

**EDLD 503. Thesis. 1-16 Credits.**

Repeatable.

**EDLD 507. Seminar: [Topic]. 1-4 Credits.**

Repeatable. Topics include Human Services, Peer Health Education.

**EDLD 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**EDLD 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**EDLD 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**EDLD 603. Dissertation. 1-16 Credits.**

Repeatable.

**EDLD 604. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**EDLD 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**EDLD 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**EDLD 607. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**EDLD 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**EDLD 609. Terminal Project. 1-12 Credits.**

Repeatable.

**EDLD 610. Experimental Course: [Topic]. 1-7 Credits.**

Repeatable.

**EDLD 611. K-12 Education Policy for School Leaders. 2 Credits.**

Introduction to the education policy process at the state and local levels, focusing on school leaders. Emphasis placed on examining policies that further marginalize students and staff that have been historically underserved and underrepresented.

**EDLD 612. Communications and Community Relations. 4 Credits.**

Principal Licensure candidates learn proactive systems, strategies, and protocols for communicating with staff, students, parents and community members. Students develop an overall communication plan for their school or district location for ensuring the effective two-way flow of communication.

**EDLD 613. Ethical Leadership. 4 Credits.**

Prepare Principal Licensure candidates to become ethical leaders that lead with an equity lens at the forefront of the leadership decisions they make. Examine the ethical implications of school board policies and how to apply an equity lens to these policies.

**EDLD 614. School Improvement Through Curriculum and Assessment. 4 Credits.**

Develop the knowledge and skills related to leading curriculum, assessment and instruction at the building level. Analyze curriculum frameworks, state and national standards, effective strategies and assessment practices and leading professional learning will be examined. Create a school improvement plan.

**EDLD 615. Leading Educational Change Initiatives. 3 Credits.**

Overview of current thought on how to lead successful organizational change initiatives. Readings come from the fields of business as well as education, and the focus is on leading change initiatives in educational settings.

**EDLD 616. Supervision of Teaching and Learning. 4 Credits.**

Explores the theory, research and practical applications of supervision and evaluation. Analysis of supervisory behaviors that lead to improvement of teaching and learning, that in turn lead to improved outcomes for all students, particularly those students who have been underserved or historically marginalized.

**EDLD 617. Oregon School Management and Budget. 4 Credits.**

Prepare future administrators for designing a system for developing, allocating and managing a school-based budget, including opportunities for staff input into the budget cycle and specific strategies for engaging the community, particularly those parts of the community that are underrepresented.

**EDLD 624. Leading for Equity. 3 Credits.**

This course is designed to provide advanced exposure to current research and practice in leading for equity and inclusion within professional educational settings and a strong conceptual foundation in leadership.

**EDLD 625. Survey and Questionnaire Design. 3 Credits.**

Students gain practical experience in the collection and analysis of social science information through the design of surveys and questionnaires.

**EDLD 627. Leaders Serving Special Populations. 3 Credits.**

School and district leaders' preparation for future work serving students and families of students receiving special education services, as well as dually-identified students (English language learners receiving special education services). Eligibility, placement, Individual Education Plans, and meaningful inclusion of student and family voice and choice.

**EDLD 628. Hierarchical Linear Models I. 3 Credits.**

Introduction to multilevel modeling and hierarchical data structures, random and fixed effects, intercepts and slopes as outcomes models, estimation, centering, and the use and interpretation of HLM statistical software. Sequence with EDLD 629.

Prereq: EDUC 642.

**EDLD 629. Hierarchical Linear Models II. 3 Credits.**

This course will include advanced topics in multilevel modeling and hierarchical data structures, including longitudinal and categorical data analysis, estimation methods, missing data and multiple imputation, and the use and interpretation of different HLM statistical software packages, including HLM, R, and Mplus. Sequence with EDLD 628.

Prereq: EDLD 628.

**EDLD 631. Education Policy for Multilingual Students. 3 Credits.**

Historical and current approaches to meeting the needs of English learners in the US. The focus is on federal, state, and local policies that support English learners' acquisition of English, as well as research on effective programs and practices to ensure educational equity and opportunity.

**EDLD 632. Educational Policy Analysis. 3 Credits.**

The purpose of this course is to introduce graduate students to the craft of education policy analysis.

**EDLD 633. Structural Equation Modeling I. 3 Credits.**

Theory, application, and interpretation of structural equation modeling techniques. Includes covariance structures, path diagrams, path analysis, model identification, estimation, and testing. Sequence with EDLD 634. Prereq: EDUC 642; EDUC 644 recommended.

**EDLD 634. Structural Equation Modeling II. 3 Credits.**

Emphasis on structural and latent variable models, including cross-validation, mean structures, comparing groups and models, latent growth-curve analyses. Sequence with EDLD 633. Offered alternate years. Prereq: EDLD 633.

**EDLD 635. Executive Leadership for Principals. 4 Credits.**

Investigation of leadership theory and styles as they relate to equitable, ethical and instructionally inclusive criteria. Creating vision and execution for strategic systems and structures that lead to a positive culture infused with high expectations and accountability.

**EDLD 636. Governance and Ethics. 3 Credits.**

Examination of how intentional school and district governance serves system transformation. Viewing ethics through an equity lens, leaders develop policies and practices that eliminate systems of advantage and disadvantage thereby closing the opportunity and achievement gaps present in their schools and system.

**EDLD 638. Advanced Public School Law. 3 Credits.**

Overview of legal issues in school board–superintendent relations, media relations, personnel evaluation practices, student and employee rights, collective bargaining, contract management, and official complaints.

**EDLD 640. Educational Data Science Capstone Project. 4 Credits.**

The final course of the Educational Data Science specialization, this course is an applied capstone where students tackle an applied data problem.

Prereq: EDLD 651, EDLD 652, EDLD 653, EDLD 654.

**EDLD 642. Survey of United States Education Policy. 3 Credits.**

A graduate-level class designed to facilitate students' understanding of the major policy areas and debates in contemporary U.S. public K-12 education systems; designed for graduate students who seek to become education policymakers, school and system leaders, policy analysts and researchers.

**EDLD 643. Evidence-Based Decision Making in Schools. 3 Credits.**

Introduces basic concepts of evidence-based decision making applied to school settings. Focuses on the application of research-based practices for the improvement of academic and behavioral performance in schools.

**EDLD 644. Learning Organization. 3 Credits.**

Four theories of organizational learning are explored: structural frame, human resource, political, and symbolic.



**EDLD 649. Ethical Governance for School District Leaders. 2 Credits.**

Intentional school and district governance serves system transformation. Viewing ethics through an equity lens, leaders will develop policies and practices that eliminate systems of advantage and disadvantage thereby closing the opportunity and achievement gaps present in their public schools and system.

**EDLD 650. Advanced Seminar Educational Research Methods. 3 Credits.**

Examines special issues in the use and application of educational statistics and research design in a discussion-seminar format.

Prereq: EDUC 612, EDUC 614, EDUC 640.

**EDLD 651. Introductory Educational Data Science. 3 Credits.**

Introduces students to the fundamentals of statistical computing for data science. Introductory programming, data wrangling, data visualization, reproducible research.

**EDLD 652. Data Visualization for Educational Data Science. 3 Credits.**

Best practices in data visualization for social data science communication. Visual perception, color, uncertainty, and communication mediums.

Prereq: EDLD 651.

**EDLD 653. Functional Programming for Educational Data Science. 3 Credits.**

Foundations of functional programming for data science. Function writing and iteration emphasized.

Prereq: EDLD 651.

**EDLD 654. Machine Learning for Educational Data Science. 3 Credits.**

Statistical models for prediction. Bias-variance tradeoff, cross-validation methods, model evaluation, and a variety of models used in data science.

Prereq: EDLD 651.

**EDLD 659. Scholarly Writing. 3 Credits.**

Develops proficiency in preparing technical reports, dissertations, grant applications, and literature syntheses to communicate educational programs, processes, and results.

**EDLD 661. Item Response Theory I. 3 Credits.**

Theory and application of item response measurement models. Participation outcomes include knowledge of IRT models, terminology, and resources. Emphasis on popular models and underlying assumptions.

**EDLD 663. Measurement & Assessment: Research. 3 Credits.**

Covers applied knowledge in measurement and assessment with an emphasis on use of measures for research purposes.

**EDLD 667. Advanced Measurement Assessment. 3 Credits.**

Advanced foundation in educational measurement and assessment; emphasis on scale development and psychometric evaluation techniques. Introduction to methodological approaches to develop and evaluate scales designed for educational and applied research settings.

Prereq: EDLD 560 or equivalent.

**EDLD 675. Oregon School and District Finance. 4 Credits.**

Overview of school finance concepts, Oregon's school financing system, political and legal considerations, taxation, state distribution formulas, school finance reform, the federal role in education.

**EDLD 677. PhD Research Seminar. 3 Credits.**

The primary purpose of this course is to induct doctoral students into the practice of educational research and provide them a base for a career as a faculty member at an institution of higher education or a member of a research institute.

**EDLD 678. PhD Teaching Seminar. 3 Credits.**

Facilitates the development of skills that make for successful teaching and the preparation of a teaching statement for submission with job applications. Repeatable twice for a maximum of 9 credits.

**EDLD 683. State and Local Policy Development in Education. 3 Credits.**

This course introduces students to the education policy process at the state and local levels. The course is designed for students who seek to become more sophisticated in their ability to read critically about, understand, and interpret the policy process.

**EDLD 684. Master's Seminar in Educational Policy and Leadership. 3 Credits.**

Required course for the Master of Science in Education Policy and Leadership (MS-EPL) to introduce students into the program, build community within the cohort, develop a shared sense of purpose and direction in the program, and learn foundational core concepts of education policy and leadership.

**EDLD 685. Educational Policy and Leadership Master's Capstone. 3 Credits.**

The purpose of this course is to scaffold students through the development and completion of their Educational Policy and Leadership master's capstone project. The capstone project is a discrete empirical examination of a problem of practice. The course also covers career planning and presentation skills.

**EDLD 686. Oregon Legal Issues in Public Education. 4 Credits.**

Gain knowledge of the legal foundations and understanding of the legal responsibilities of Oregon Administrators in relationship to students and families served, their access to educational opportunities and to educational staff who support students, families, and programs.

**EDLD 687. Supervisory Practices for School Administrators. 3 Credits.**

School building and district professionals examine National Educational Leadership Preparation Program (NELP) and Oregon standards. Students explore frameworks for principal support, four dimensions of school leadership, and principal supervisors with the goal of improving student learning and instruction, with emphasis on historically marginalized students.

**EDLD 692. Research Writing. 3 Credits.**

Provides structure and guidance to complete the methods section of a dissertation proposal. The nature and scope of the dissertation methods will be determined by a range of factors, including the advisor's guidance, the data to be used, and the scope of the study.

**EDLD 694. Dissertation Preparation. 3 Credits.**

This course is designed to support students in preparing their a dissertation using the APA guidelines for publications in education/social sciences, the standards for measurement systems used in dissertations, and the standard four chapter format: introduction, methods, results, conclusions. Sequence with EDLD 699.

Prereq: EDLD 699.



**EDLD 696. Professional Writing I: Foundations in Professional Writing. 3 Credits.**

Covers foundational knowledge of the American Psychological Association's (APA) writing style as well as how to synthesize research for academic purposes.

**EDLD 697. Professional Writing II. 3 Credits.**

Students co-author and submit an article to a peer-reviewed journal or to ERIC. In addition, students will fill out the forms to apply for IRB Exempt research and IRB Review.

**EDLD 698. Professional Writing III: Literature Review. 3 Credits.**

Students write a review of research manuscripts on a professional topic and continue to learn the nuances of APA writing style. Sequence with EDLD 696.

Prereq: EDLD 696.

**EDLD 699. Dissertation Methods Apprenticeship. 3 Credits.**

Provides doctoral students in the DEd program a structured opportunity to complete their dissertation proposal and a PowerPoint presentation on their respective proposals.

**EDLD 708. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**EDLD 709. Terminal Project. 1-16 Credits.**

Repeatable.

**EDLD 710. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

## English Courses

### Courses

**ENG 104. Introduction to Literature: Fiction. 4 Credits.**

Works representing the principal literary genres.

**ENG 105. Introduction to Literature: Drama. 4 Credits.**

Works representing the principal literary genres.

**ENG 106. Introduction to Literature: Poetry. 4 Credits.**

Works representing the principal literary genres.

**ENG 107. World Literature. 4 Credits.**

Reading and analysis of selected works in a global survey of ancient literatures, 2500 BCE–1500 CE.

**ENG 108. World Literature. 4 Credits.**

Reading and analysis of selected works in a global survey of the early modern period to the industrial revolution, 1500 CE–1789 CE.

**ENG 110M. Introduction to Film and Media. 4 Credits.**

Introduction to film and media studies and various methods of critical analysis. Multilisted with CINE 110M.

**ENG 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable three times.

**ENG 200. Public Speaking as a Liberal Art. 4 Credits.**

Study and practice of public speaking as grounded in the five rhetorical canons of invention, arrangement, style, delivery, and memory.

Prereq: WR 122Z or equivalent.

**ENG 200M. Temporary Multilisted Course. 4 Credits.****ENG 205. Genre: [Topic]. 4 Credits.**

Traces the historical development and transformations of key genres for the study of English and American literature and culture, including canonical and popular literary as well as media forms. Repeatable twice for a maximum of 12 credits when topic changes.

**ENG 207. Shakespeare. 4 Credits.**

The major plays in chronological order with emphasis on the early and middle plays through "Hamlet."

**ENG 208. Shakespeare. 4 Credits.**

The major plays in chronological order with emphasis on the later plays beginning with "Twelfth Night."

**ENG 209. The Craft of the Sentence. 4 Credits.**

Study of basic sentence mechanics, grammatical terminology, and the conventions of punctuation. Includes some historical background on the development of English grammar. Students cannot receive credit for both ENG 209 and LING 494.

**ENG 225. Age of King Arthur. 4 Credits.**

Introduction to the literature of the Middle Ages set against the backdrop of medieval culture.

**ENG 230. Introduction to Environmental Literature. 4 Credits.**

Introduction to literature that examines the human place in the natural world. Consideration of how writers understand environmental crises and scientific ideas of their generation.

**ENG 240. Introduction to Disability Studies. 4 Credits.**

Introduces students to central concepts and essential texts in disability studies and applies them to literary and cultural texts, with a focus on racial diversity and learning directly from writers and scholars who experience a wide spectrum of bodymind variabilities.

**ENG 241. Introduction to African American Literature. 4 Credits.**

African American literature and culture in relevant intellectual, social, and historical contexts.

**ENG 242. Introduction to Asian American Literature. 4 Credits.**

Asian American literature and culture in relevant intellectual, social, and historical contexts.

**ENG 243. Introduction to Chicano and Latino Literature. 4 Credits.**

Chicano and Latino literature and culture in relevant intellectual, social, and historical contexts.

**ENG 244. Introduction to Native American Literature. 4 Credits.**

Native American literature and culture in relevant intellectual, social, and historical contexts.

**ENG 250. Literature and Digital Culture. 4 Credits.**

This course will focus on the intersection of digital culture and literary studies. Students will learn how to use digital tools to study literature. Simultaneously, they will use literary analysis approaches to study contemporary digital culture.

**ENG 260M. Media Aesthetics. 4 Credits.**

Introduction to the analysis of form and style in cinema and related media, focusing on narrative, mise-en-scène, cinematography, editing, and sound. Multilisted with CINE 260M.

**ENG 280. Introduction to Comic Studies. 4 Credits.**

Introduction to the art of comics and the methodologies of comics studies.

**ENG 303. Foundations of the English Major: Text. 4 Credits.**

Chronological study of literary and media works in English, beginnings to the present, emphasizing analytic reading and writing skills.

**ENG 304. English Major Foundations: Context. 4 Credits.**

Chronological study of literary and media works in English, from beginnings to the present, emphasizing their cultural and historical contexts.

Prereq: ENG 205, ENG 303.

**ENG 305. English Major Foundations: Theory. 4 Credits.**

Chronological study of literary and media works in English, beginnings to the present, emphasizing analytic reading and writing skills.

Prereq: ENG 205.

**ENG 315. Women Writers' Cultures: [Topic]. 4 Credits.**

Women's writing in a particular cultural matrix (race, ethnicity, class, sexual orientation, region, religion) examined in the context of feminist literary theories. Repeatable three times when topic changes.

Prereq: sophomore standing.

**ENG 316. Women Writers' Forms: [Topic]. 4 Credits.**

Women's writing in a particular genre or form (prose, fiction, drama, poetry, autobiography, folksong) examined in the context of current feminist literary theories. Repeatable three times when topic changes.

Prereq: sophomore standing.

**ENG 321. English Novel. 4 Credits.**

Rise of the novel from Defoe to Austen.

**ENG 322. English Novel. 4 Credits.**

Rise of the novel from Scott to Hardy.

**ENG 323. English Novel Conrad to Present. 4 Credits.**

The novel in British Literature from Conrad to the present.

**ENG 325. Literature of the Northwest. 4 Credits.**

Survey of significant Pacific Northwest literature as set against the principles of literary regionalism. Offered alternate years.

Prereq: Sophomore standing.

**ENG 330. Oral Controversy and Advocacy. 4 Credits.**

In-depth study of the habits of research, reasoning, selection, and presentation necessary for ethical and effective oral advocacy on contested topics. Not open to freshmen.

Prereq: WR 122Z or equivalent.

**ENG 335. Inventing Arguments. 4 Credits.**

Analysis and use of patterns of reasoning derived from the disciplines of rhetoric, informal logic, cognitive science, and the theory of argumentation.

Prereq: WR 122Z or WR 123.

**ENG 340. Jewish Writers. 4 Credits.**

Forms and varieties of fiction, poetry, and drama by Jewish writers from the 19th century to the present.

**ENG 352. Shakespeare on Page and Stage. 4 Credits.**

Intermediate-level study of Shakespeare's plays and poems. Supplements traditional lectures and texts with acting workshops, film, live theater viewings, and student performances.

Prereq: sophomore standing.

**ENG 360. African American Writers. 4 Credits.**

Examines the origins and development of African American literature and culture in relevant intellectual, social, and historical contexts.

Prereq: sophomore standing.

**ENG 361. Native American Writers. 4 Credits.**

Examines the origins and development of Native American literature and culture in relevant intellectual, social, and historical contexts. Course will be taught once or more per academic year.

Prereq: Sophomore standing.

**ENG 363. Chicano and Latino Writers. 4 Credits.**

Examines the origins and development of Chicano and Latino literature and culture in relevant intellectual, social, and historical contexts. Course will be taught once or more per academic year.

Prereq: Sophomore standing.

**ENG 365. Global Literatures in English. 4 Credits.**

Examination of non-U.S. and non-British authors writing in English in relation to the historical, cultural, and intellectual contexts of their native countries.

Prereq: sophomore standing.

**ENG 381M. Film, Media, and Culture. 4 Credits.**

Study of film and media as aesthetic objects shaped by a broad range of identity categories, reflecting communities identified by class, gender, race, ethnicity, and sexuality. Multilisted with CINE 381M.

**ENG 385. Graphic Narratives and Cultural Theory. 4 Credits.**

Survey of 20th- and 21st- century graphic novels in the context of cultural theory. Sophomore standing required. Offered alternate years.

**ENG 386. Bodies in Comics. 4 Credits.**

Examines questions and representations of bodily identity in comics through the lenses of disability studies and gender theory.

**ENG 391. American Novel. 4 Credits.**

Development of the American novel from its beginnings to 1900.

**ENG 392. American Novel. 4 Credits.**

Development of the American novel from 1900 to present.

**ENG 394. 20th-Century Literature. 4 Credits.**

Modern literature from American, British, and European cultures, 1890 to 1945. Significant works of poetry, fiction, drama, and nonfiction in relation to intellectual and historical developments.

**ENG 395. 20th-Century Literature. 4 Credits.**

Modern literature from American, British, and European cultures, 1945 to present. Significant works of poetry, fiction, drama, and nonfiction in relation to intellectual and historical developments.

**ENG 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable up to four times.

Prereq: sophomore standing.

**ENG 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**ENG 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

Prereq: junior standing.

**ENG 403. Thesis. 1-12 Credits.**

Repeatable.

Prereq: junior standing.

**ENG 404. Internship: [Topic]. 1-6 Credits.**

On- or off-campus internship in a variety of writing or literacy-related settings in connection with designated courses. Repeatable.

Prereq: junior standing.

**ENG 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

Prereq: junior standing.

**ENG 407. Seminar: [Topic]. 1-5 Credits.**

Selected seminars offered each year. Repeatable up to five times.

**ENG 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable twice.

Prereq: junior standing.

**ENG 410. Experimental Course: [Topic]. 1-5 Credits.**

Selected topics offered each year. Repeatable nine times.

Prereq: junior standing.

**ENG 413. Theories of Literacy. 4 Credits.**

Approaches to literacy through literary theory, rhetoric and cultural studies. Examines issues involved with school and community literacy. Pre- or coreq: ENG 404 Internship: Community Literacy; junior standing.

**ENG 419. Contemporary Literary Theory. 4 Credits.**

Developments in critical thinking after the New Criticism. Prereq: Junior standing.

**ENG 420. The Art of the Sentence. 4 Credits.**

Analysis of English grammar and style in literary and academic contexts. Offered alternate years. Prereq: junior standing.

**ENG 423. The Age of Beowulf. 4 Credits.**

A reading of Anglo-Saxon literature and culture as the intersection of Germanic, Celtic, and Christian traditions. Readings include Irish epic, Welsh romance, Norse mythology, and Icelandic saga. Prereq: Junior standing.

**ENG 425. Medieval Romance. 4 Credits.**

Study of selected romances in the context of European intellectual and social history. May include elementary linguistic introduction to Middle English. Prereq: Junior standing.

**ENG 427. Chaucer. 4 Credits.**

Close textual study of selected Canterbury Tales in Middle English; instruction in the grammar and pronunciation of Chaucer's language. Prereq: Junior standing.

**ENG 428. Old English I. 4 Credits.**

Introduction to Old English language. Sequence with ENG 429, ENG 430. Prereq: Junior standing.

**ENG 429. Old English II: [Topic]. 4 Credits.**

Study of Old English prose or poetry in the original language. Sequence with ENG 428, ENG 430. Repeatable twice when topic changes. Prereq: ENG 428.

**ENG 430. Old English III: [Topic]. 4 Credits.**

Study of Beowulf or works by other major Old English authors in the original language. Sequence with ENG 428, ENG 429. Repeatable twice when topic changes. Prereq: ENG 429

**ENG 434. Spenser. 4 Credits.**

Examines the works of Edmund Spenser. Prereq: Junior standing.

**ENG 436. Advanced Shakespeare. 4 Credits.**

Detailed study of selected plays, poetry, or both. Prereq: Junior standing.

**ENG 440. 17th-Century Poetry and Prose. 4 Credits.**

Poetry from the Metaphysicals and Jonson to the Restoration; prose from Burton and Bacon to Hobbes and Milton. Prereq: Junior standing.

**ENG 455. English Romantic Writers. 4 Credits.**

Romantic thought and expression. The second generation including Byron, Keats, Mary and Percy Shelley. Junior standing required.

**ENG 457. Victorian Literature and Culture: [Topic]. 4 Credits.**

Exploration of major works, figures, controversies, social and cultural issues. Readings in Victorian fiction, poetry, drama, and nonfictional prose; study of examples of the visual arts and popular culture. Repeatable when topic changes for maximum of 8 credits. Prereq: Junior standing.

**ENG 461. American Literature to 1800. 4 Credits.**

Readings in American poetry, nonfiction prose, drama, and fiction. Prereq: Junior standing.

**ENG 468. Ethnic Literature: [Topic]. 4 Credits.**

Advanced study of one or more authors or literary genres related to ethnic literature including African, Native, Asian, or Chicano American. Repeatable twice when topic changes for a maximum of 12 credits. Prereq: junior standing.

**ENG 469. Literature and the Environment: [Topic]. 4 Credits.**

In-depth study of various topics related to literature and the environment including Bioart/Bioethics, Biosemiotics, Critical Animal Studies, Food Culture, Ideas of Wilderness, Rhetoric of Nature Writing, Virtual Ecologies. Repeatable thrice when topic changes for maximum of 16 credits. Prereq: Junior standing.

**ENG 470. Technologies and Texts Capstone. 4 Credits.**

This course examines the way humanities disciplines use digital technologies to forge a new role in the public sphere, exploring how digital and print cultures (re)shape forms of cultural expression and knowledge production. Students will create their own digital projects in this course. Prereq: ENG 250 with a grade of C.

**ENG 479. Major Authors: [Topic]. 4 Credits.**

In-depth study of one to three major authors from medieval through modern periods. Repeatable three times. Prereq: Junior standing.

**ENG 480. Modern American Superhero. 4 Credits.**

Examination of the path of the American comic book superhero and an exploration of the ways in which that journey reflects large processes of social change.

**ENG 485. Television Studies. 4 Credits.**

Study of television's institutional contents and representational practices, including such television genres as serials, news, and reality TV. Offered alternate years.

**ENG 486M. New Media and Digital Culture: [Topic]. 4 Credits.**

Study of emerging media forms and techniques, such as digital cinema, video games, viral videos, and interactive media. Offered alternate years. Multilisted with CINE 486M. Repeatable twice for a maximum for 12 credits.

**ENG 488. Race and Representation in Film: [Topic]. 4 Credits.**

Screening, interpretation, and analysis of films from developing non-European cultures and by people of color. Mechanisms of racism in dominant U.S. media. Repeatable twice for a maximum of 12 credits. Prereq: Junior standing.

**ENG 491. Rhetoric and Ethics. 4 Credits.**

Investigation of historical and contemporary theories of ethical rhetoric in both written and oral arguments. Prereq: WR 122Z or WR 123.

**ENG 492. History of Rhetoric and Composition. 4 Credits.**

History of rhetoric as related to the theory and practice of writing, relations between rhetoric and poetics, and rhetorical criticism through the 19th century. Prereq: Junior standing.

**ENG 493. Modern Rhetorical Criticism. 4 Credits.**

Theoretical topics addressed by 20th-century rhetorical critics. Varieties of rhetorical interpretation, from neo-Aristotelian to reader-response, postmodernist views of metaphor.

Prereq: Junior standing.

**ENG 494. Reasoning, Speaking, Writing. 4 Credits.**

Application of advanced study in argumentation theory, particularly procedural standards of rationality developed in recent argumentation studies, to selected public policy controversies.

**ENG 496. Feminist Film Criticism: [Topic]. 4 Credits.**

Critical analysis of film and television texts from a feminist perspective. Repeatable when topic changes.

Prereq: Junior standing.

**ENG 503. Thesis. 1-16 Credits.**

Repeatable.

**ENG 507. Seminar: [Topic]. 1-5 Credits.**

Selected seminars offered each year. Repeatable up to seven times.

**ENG 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**ENG 510. Experimental Course: [Topic]. 1-5 Credits.**

Selected topics offered each year. Repeatable nine times.

**ENG 513. Theories of Literacy. 4 Credits.**

Approaches to literacy through literary theory, rhetoric and cultural studies. Examines issues involved with school and community literacy.

Pre- or coreq: ENG 604.

**ENG 519. Contemporary Literary Theory. 4 Credits.**

Developments in critical thinking after the New Criticism.

**ENG 520. The Art of the Sentence. 4 Credits.**

Analysis of English grammar and style in literary and academic contexts. Offered alternate years.

**ENG 528. Old English I. 4 Credits.**

Introduction to Old English language. Sequence with ENG 529, ENG 530.

**ENG 529. Old English II: [Topic]. 4 Credits.**

Study of Old English prose or poetry in the original language. Sequence with ENG 528, ENG 530. Repeatable twice for a maximum of 12 credits when topic changes.

Prereq: ENG 528.

**ENG 530. Old English III: [Topic]. 4 Credits.**

Study of Beowulf or works by other major Old English authors in the original language. Sequence with ENG 528, ENG 529. Repeatable twice when topic changes.

Prereq: ENG 529.

**ENG 536. Advanced Shakespeare. 4 Credits.**

Detailed study of selected plays, poetry, or both.

**ENG 540. 17th-Century Poetry and Prose. 4 Credits.**

Poetry from the Metaphysicals and Jonson to the Restoration; prose from Burton and Bacon to Hobbes and Milton.

**ENG 555. English Romantic Writers. 4 Credits.**

Romantic thought and expression. The second generation including Byron, Keats, Mary and Percy Shelley.

**ENG 557. Victorian Literature and Culture: [Topic]. 4 Credits.**

Exploration of major works, figures, controversies, social and cultural issues. Readings in Victorian fiction, poetry, drama, and nonfictional prose; study of examples of the visual arts and popular culture.

Repeatable when topic changes for maximum of 8 credits.

**ENG 561. American Literature to 1800. 4 Credits.**

Readings in American poetry, nonfiction prose, drama, and fiction.

**ENG 568. Ethnic Literature: [Topic]. 4 Credits.**

Advanced study of one or more authors or literary genres related to ethnic literature including African, Native, Asian, or Chicano American. Repeatable twice when topic changes for a maximum of 12 credits.

**ENG 569. Literature and the Environment: [Topic]. 4 Credits.**

In-depth study of various topics related to literature and the environment including Bioart/Bioethics, Biosemiotics, Critical Animal Studies, Food Culture, Ideas of Wilderness, Rhetoric of Nature Writing, Virtual Ecologies. Repeatable thrice when topic changes for maximum of 16 credits.

**ENG 570. Technologies and Texts Capstone. 4 Credits.**

This course examines the way humanities disciplines use digital technologies to forge a new role in the public sphere, exploring how digital and print cultures (re)shape forms of cultural expression and knowledge production. Students will create their own digital projects in this course.

**ENG 579. Major Authors. 4 Credits.**

In depth study of one to three major authors from medieval through modern periods. Repeatable three times.

**ENG 580. Modern American Superhero. 4 Credits.**

Examination of the path of the American comic book superhero and an exploration of the ways in which that journey reflects large processes of social change.

**ENG 585. Television Studies. 4 Credits.**

Study of television's institutional contents and representational practices, including such television genres as serials, news, and reality TV. Offered alternate years.

**ENG 586M. New Media and Digital Culture: [Topic]. 4 Credits.**

Study of emerging media forms and techniques, such as digital cinema, video games, viral videos, and interactive media. Offered alternate years. Multilisted with CINE 586M. Repeatable twice for a maximum for 12 credits.

**ENG 588. Race and Representation in Film: [Topic]. 4 Credits.**

Screening, interpretation, and analysis of films from developing non-European cultures and by people of color. Mechanisms of racism in dominant U.S. media. Repeatable twice for a maximum of 12 credits.

**ENG 591. Rhetoric and Ethics. 4 Credits.**

Investigation of historical and contemporary theories of ethical rhetoric in both written and oral arguments.

Prereq: WR 122Z or equivalent.

**ENG 592. History of Rhetoric and Composition. 4 Credits.**

History of rhetoric as related to the theory and practice of writing, relations between rhetoric and poetics, and rhetorical criticism through the 19th century.

**ENG 593. Modern Rhetorical Criticism. 4 Credits.**

Theoretical topics addressed by 20th-century rhetorical critics. Varieties of rhetorical interpretation, from neo-Aristotelian to reader-response, postmodernist views of metaphor.

**ENG 596. Feminist Film Criticism: [Topic]. 4 Credits.**

Critical analysis of film and television texts from a feminist perspective. Repeatable when topic changes.

**ENG 601. Research: [Topic]. 1-16 Credits.**

Repeatable.



**ENG 603. Dissertation. 1-21 Credits.**

Repeatable.

**ENG 604. Internship: [Topic]. 1-6 Credits.**

Repeatable. On- or off-campus internship in a variety of writing or literacy-related settings.

**ENG 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**ENG 607. Seminar: [Topic]. 1-5 Credits.**

Selected seminars offered each year. Repeatable up to seven times.

**ENG 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**ENG 609. Terminal Project. 1-16 Credits.**

Repeatable.

**ENG 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable nine times.

**ENG 611. Composition Graduate Teaching Fellow Seminar I. 1-3 Credits.**

Issues in pedagogy related to the university's writing requirement.

**ENG 612. Composition Graduate Teaching Fellow Seminar II. 1-3 Credits.**

Discussions designed to increase the effectiveness of first-year graduate teaching fellows as teachers of courses that fulfill the university's writing requirement.

**ENG 613. Graduate Teaching Fellow Composition Apprenticeship. 1-3 Credits.**

Supervised practical experience in all aspects of teaching WR 121Z, WR 122Z.

**ENG 614. Introduction to Literary and Cultural Theory. 5 Credits.**

Introduces students to a number of the most important and influential developments in 20th-century literary and cultural theory. Graduate seminar.

**ENG 615. Advanced Studies in Literary Theory: [Topic]. 5 Credits.**

Intensive study of one to three major theorists or a significant theoretical problem. Repeatable up to 4 times.

**ENG 630. Renaissance Literature: [Topic]. 5 Credits.**

Recent offerings include Hamlet, Jacobean Potboilers, Renaissance Irrationalities. Repeatable.

**ENG 645. 18th-Century Literature: [Topic]. 5 Credits.**

Intensive study of one to three major authors or selected topics from the 18th century. Recent offerings include Enlightenment and Revolution. Repeatable.

**ENG 660. American Literature: [Topic]. 5 Credits.**

Recent offerings include African American Women Writers, Evolutionary Theories and Narrative, Sentimental Novel, V. Deloria and Native American Cultural Values. Repeatable.

**ENG 670. Modern Literature: [Topic]. 5 Credits.**

Recent offerings include H. James, Modernist Politics, Environmental Humanities, Postmodernism. Repeatable.

**ENG 690. Introduction to Graduate Studies in English. 5 Credits.**

Examination of selected professional, methodological, and theoretical issues.

**ENG 691. Composition Theory: [Topic]. 5 Credits.**

Intensive study of topics related to rhetorical theory and the teaching of writing. Repeatable.

**ENG 695. Film Studies: [Topic]. 5 Credits.**

Intensive study of selected topics related to film studies and literature. Recent topics include Introduction to Film Theory; Feminism, Comedy, and the Carnavalesque; Melodrama. Repeatable three times.

## Environmental Studies Courses

### Courses

**ENVS 196. Field Studies: [Topic]. 1-5 Credits.**

Repeatable three times for a maximum of 20 credits.

**ENVS 198. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**ENVS 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ENVS 201. Introduction to Environmental Studies: Social Sciences. 4 Credits.**

Contributions of the social sciences to analysis of environmental problems. Topics include human population, the relationship between social institutions and environmental problems, and appropriate political, policy, and economic processes.

**ENVS 202. Introduction to Environmental Studies: Natural Sciences. 4 Credits.**

Contributions of the natural sciences to analysis of environmental problems. Topics include biological processes, ecological principles, chemical cycling, ecosystem characteristics, and natural system vulnerability and recovery.

**ENVS 203. Introduction to Environmental Studies: Humanities. 4 Credits.**

Contributions of the humanities and arts to understandings of the environment. Emphasis on diverse ways of thinking, writing, creating, and engaging in environmental discourse.

**ENVS 225. Introduction to Food Studies. 4 Credits.**

An exploration of the field of "food studies" and examination of the role of food in historical and contemporary life in the US and around the world.

**ENVS 335. Allocating Scarce Environmental Resources. 4 Credits.**

Considerations for the design of environmental and natural resources policies and regulations: balancing society's preferences and the costs of environmental protection and resource conservation.

Prereq: MATH 105Z or higher.

**ENVS 345. Environmental Ethics. 4 Credits.**

Key concepts and various moral views surveyed; includes anthropocentrism, individualism, ecocentrism, deep ecology, and ecofeminism. Exploration includes case studies and theory.

**ENVS 350. Ecological Footprint of Energy Generation. 4 Credits.**

Detailed study of the ecological consequences of all forms of energy generation including fossil fuels and alternative energy sources. Open to environmental science, environmental studies, and planning, public policy and management majors only.

Prereq: ENVS 201, MATH 112Z.

**ENVS 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ENVS 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**ENVS 401. Research: [Topic]. 1-12 Credits.**

Repeatable.



**ENVS 403. Thesis. 1-8 Credits.**

Repeatable up to 5 times.

**ENVS 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

Prereq: Instructor's approval.

**ENVS 405. Reading and Conference: [Topic]. 1-18 Credits.**

Repeatable.

**ENVS 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**ENVS 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ENVS 408. Workshop: [Topic]. 1-8 Credits.**

Repeatable.

**ENVS 409. Terminal Project. 1-12 Credits.**

Repeatable.

**ENVS 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ENVS 411. Environmental Issues: [Topic]. 4 Credits.**

In depth examination of a particular environmental topic such as global warming, ecosystem restoration, energy alternatives, geothermal development, public lands management, or environmental literature.

Repeatable twice when topic changes for maximum of 12 credits.

Prereq: junior or senior standing.

**ENVS 425. Environmental Education Theory and Practice. 4 Credits.**

Learning theories, environmental literacy, and the planning, implementation, and evaluation of environmental education programs. Development of teaching materials in collaboration with a community partner for group project.

Prereq: instructor's approval.

**ENVS 427. Environmental and Ecological Monitoring. 4 Credits.**

Theory, design, and practice of monitoring sampling mapping, field techniques, data collection, management, analysis and presentation methods, local case studies.

**ENVS 429. Environmental Leadership: [Topic]. 1-4 Credits.**

Partnering with governmental agencies, nonprofit organizations, public schools and local businesses, students develop service learning projects. Repeatable twice for a maximum of 12 credits when topic changes.

Prereq: instructor's approval.

**ENVS 429L. Environmental Leadership: [Topic]. 4 Credits.**

Partnering with governmental agencies, nonprofit organizations, public schools and local businesses, students develop service learning projects. Repeatable twice for a maximum of 12 credits when topic changes.

**ENVS 435. Environmental Justice. 4 Credits.**

Environmental justice and its impact on current decisions. Focus on civil rights law, perception of risk, and relation of sustainability and equity.

Prereq: ENVS 201.

**ENVS 450. Political Ecology. 4 Credits.**

Examines how social relations and economic, social, and cultural control of natural resources shape human interactions with the environment.

Theory and case studies.

Prereq: ENVS 201.

**ENVS 455. Sustainability. 4 Credits.**

Examines the evolution of the concept of sustainability and its complex and sometimes problematic uses among scholars, policymakers, environmentalists, and businesses.

Pre- or coreq: ENVS 201; junior or senior standing.

**ENVS 459. Water, Public Health, and the Environment. 4 Credits.**

Water, Public Health, and the Environment examines the provision of water and sanitation services around the world with a particular focus on its impacts for public health and the environment in low- and middle-income communities.

**ENVS 465. Wetland Ecology and Management. 4 Credits.**

Examines management, law, and policies related to wetlands in an ecological framework; includes wetland type definitions, classification, distribution, formation and development, and restoration.

Prereq: BI 307 or BI 370 or GEOG 360.

**ENVS 467. Sustainable Agriculture. 4 Credits.**

Examines sustainability issues in agricultural production and current food systems. Focuses on environmental aspects of seed, water, soil, energy, and pest management.

Prereq: ENVS 201 or ENVS 202.

**ENVS 477. Soil Science. 4 Credits.**

Chemical and physical characteristics and classification of soils, field soil identification, soil degradation.

Prereq: CH 111 or CH 221 or CH 224H.

**ENVS 493M. Passive Cooling. 4 Credits.**

Conceptual and quantitative investigations of passive cooling design and performance, including precedents, shading, natural ventilation, evaporative cooling, use of thermal mass, radiant cooling assisted by cold night skies, and control scheduling, supported by field investigations and introductory energy modeling. Multilisted with ARCH 493M.

Prereq: ARCH 491.

**ENVS 494M. Passive Heating. 4 Credits.**

Conceptual and quantitative investigations of passive solar heating design and performance, including precedents, solar resource evaluation, glazing selection and orientation, thermal mass materials and positioning, movable insulation, and control scheduling, supported by solar site surveys and modeling in EnergyPlus. Multilisted with ARCH 494M.

Prereq: ARCH 491.

**ENVS 500M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**ENVS 503. Thesis. 1-16 Credits.**

Repeatable up to eight times.

**ENVS 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ENVS 508. Workshop: [Topic]. 1-8 Credits.**

Repeatable.

**ENVS 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ENVS 525. Environmental Education Theory and Practice. 4 Credits.**

Learning theories, environmental literacy, and the planning, implementation, and evaluation of environmental education programs. Development of teaching materials in collaboration with a community partner for group project.

**ENVS 535. Environmental Justice. 4 Credits.**

Environmental justice and its impact on current decisions. Focus on civil rights law, perception of risk, and relation of sustainability and equity.

**ENVS 550. Political Ecology. 4 Credits.**

Examines how social relations and economic, social, and cultural control of natural resources shape human interactions with the environment.

Theory and case studies.

**ENVS 555. Sustainability. 4 Credits.**

Examines the evolution of the concept of sustainability and its complex and sometimes problematic uses among scholars, policymakers, environmentalists, and businesses.

**ENVS 559. Water, Public Health, and the Environment. 4 Credits.**

Water, Public Health, and the Environment examines the provision of water and sanitation services around the world with a particular focus on its impacts for public health and the environment in low- and middle-income communities.

**ENVS 565. Wetland Ecology and Management. 4 Credits.**

Examines management, law, and policies related to wetlands in an ecological framework; includes wetland type definitions, classification, distribution, formation and development, and restoration.

**ENVS 567. Sustainable Agriculture. 4 Credits.**

Examines sustainability issues in agricultural production and current food systems. Focuses on environmental aspects of seed, water, soil, energy, and pest management.

**ENVS 577. Soil Science. 4 Credits.**

Chemical and physical characteristics and classification of soils, field soil identification, soil degradation.

**ENVS 593M. Passive Cooling. 4 Credits.**

Conceptual and quantitative investigations of passive cooling design and performance, including precedents, shading, natural ventilation, evaporative cooling, use of thermal mass, radiant cooling assisted by cold night skies, and control scheduling, supported by field investigations and introductory energy modeling. Multilisted with ARCH 593M. Prereq: ARCH 591.

**ENVS 594M. Passive Heating. 4 Credits.**

Conceptual and quantitative investigations of passive solar heating design and performance, including precedents, solar resource evaluation, glazing selection and orientation, thermal mass materials and positioning, movable insulation, and control scheduling, supported by solar site surveys and modeling in EnergyPlus. Multilisted with ARCH 594M. Prereq: ARCH 591

**ENVS 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**ENVS 603. Dissertation. 1-16 Credits.**

Repeatable.

**ENVS 604. Internship: [Topic]. 1-5 Credits.**

Repeatable for maximum of 10 credits.

**ENVS 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**ENVS 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable nine times.

**ENVS 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ENVS 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**ENVS 609. Terminal Project. 1-16 Credits.**

Repeatable up to eight times.

**ENVS 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. A recent topic is Interdisciplinary Capstone Project.

**ENVS 631. Environmental Studies Theory and Practice. 4 Credits.**

Introduction to various disciplinary perspectives that contribute to environmental studies, including their research methods, vocabularies, and core concepts.

**ENVS 632. Environmental Studies Research Methodology. 2 Credits.**

Identifying a clear and concise research problem, developing methodology to address that problem, and the process of developing a thorough knowledge of relevant literature.

**ENVS 633. Environmental Studies Thesis Development. 3 Credits.**

Interdisciplinary readings in environmental studies focused on topics chosen by each student in consultation with instructor. Preparation for presentations at the Joint Campus Conference.

## Ethnic Studies Courses

### Courses

**ES 101. Introduction to Ethnic Studies. 4 Credits.**

This course is an introduction to the academic field of Ethnic Studies, the interdisciplinary, comparative and relational study of race, ethnicity and indigeneity in the United States. Special attention paid to how systems of domination and acts of resistance (re)create racial subjects.

**ES 196. Field Studies: [Topic]. 1-5 Credits.**

Repeatable.

Prereq: approval of program administrators.

**ES 198. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**ES 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable up to five times.

**ES 200M. Temporary Multilisted Course. 4 Credits.****ES 250. Introduction to Black Studies. 4 Credits.**

This course introduces students to the theoretical models used in the interdisciplinary study of African-America. Using a thematic approach, students will learn to critically engage the development of and dynamics between race, racism and blackness in the United States.

**ES 252. Introduction to Asian American Studies. 4 Credits.**

Focuses on historical, cultural, and social issues in Asian America and surveys scholarship in Asian American studies.

**ES 254. Introduction to Chicanx and Latinx Studies. 4 Credits.**

Focuses on historical, social, and cultural issues in Chicanx and Latinx communities and surveys scholarship in Chicanx and Latinx studies.

**ES 256. Introduction to Native American Studies. 4 Credits.**

Interdisciplinary approaches to understanding Native American lives, examining Native American identities, practices, histories, creative works, cultures, and political status in context.

**ES 258. Introduction to Pacific Islander Studies. 4 Credits.**

Focuses on historical, social, and cultural issues in Pacific Islander communities and surveys scholarship in Pacific Island Studies.

**ES 301. Theoretical Perspectives in Ethnic Studies. 4 Credits.**

Introduction to contemporary theoretical frameworks in the discipline of ethnic studies. Intended to be taken by junior year to introduce students to the second half of the ES major. Required for ES majors. Offered once per year.

Prereq: ES 101; one from ES 250, ES 252, ES 254, ES 256.

**ES 310. Race and Popular Culture: [Topic]. 4 Credits.**

Examines the interface between race and popular culture, surveying the historical development, political significance, and social influence of popular culture in the United States. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.

**ES 321. Indigenous Peoples of Oregon. 4 Credits.**

This course examines the history, culture, social and political issues of the Indigenous peoples of Oregon through oral traditions, primary sources, and secondary sources, focused on the major themes of sovereignty, traditional knowledge, and decolonization.

**ES 330. Women of Color: Issues and Concerns. 4 Credits.**

Contemporary social issues and feminism among women of color in the United States.

Prereq: ES 101 recommended.

**ES 350. Native Americans and the Environment. 4 Credits.**

Critical issues in Native American environmentalism.

**ES 352. Social Equity and Criminal Justice. 4 Credits.**

Critical issues related to police, prisons, criminal justice, and racial and gender inequalities.

**ES 354. Environmental Racism. 4 Credits.**

Explores environmental justice as both a field of scholarship and organizing framework that links power, justice, and inequality to environmental issues. Special attention is given to the specific forms of racism which produce environmental injustice.

**ES 360. Black Sexual Politics. 4 Credits.**

Explores the gender and sexuality politics that influence the social, political, economic and cultural development of black communities in the diaspora, including the United States.

**ES 370. Race, Ethnicity, and Cinema: [Topic]. 4 Credits.**

Examines the history and politics of race, ethnicity, and indigeness in relation to film, including questions of production, distribution, and reception in the United States. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.

**ES 380. Race, Migration, and Rights. 4 Credits.**

Examines historical and contemporary politics in race, immigration, and migration.

**ES 385. Critical Whiteness Studies: [Topic]. 4 Credits.**

This course explores the social construction of race by investigating and historicizing “whiteness” as a racial category in the U.S. Repeatable once for a maximum of 8 credits.

Prereq: ES 101 or one 200 level ES course.

**ES 399. Special Studies: [Topic]. 1-5 Credits.**

Recent topics include Caribbean Migrations; Asian American Women; Critical Whiteness Studies; Native Americans and Film; Asian Diasporas; Race and Resistance in United States History. Repeatable up to 5 times.

**ES 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

Prereq: majors or minors only.

**ES 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ES 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

Prereq: majors or minors only.

**ES 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

Prereq: majors or minors only.

**ES 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ES 409. Terminal Project. 1-12 Credits.**

Repeatable.

Prereq: majors or minors only.

**ES 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ES 440. Race, Literature, and Culture: [Topic]. 4 Credits.**

Examines race, literature, and culture from an interdisciplinary perspective. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.

**ES 442. Caribbean Literature and Politics. 4 Credits.**

Discusses how Caribbean diaspora literature employs themes of colonialism, sexuality, racism, migration, state violence, nationalism, and identity.

**ES 450. Race and Incarceration. 4 Credits.**

Introduces several key questions necessary for understanding the crisis of prisons and incarceration in the United States, with an emphasis on race, gender, and class.

**ES 452. Race and Ethnicity and the Law: [Topic]. 4 Credits.**

Addresses issues of social justice and the participation of Asian Americans, African Americans, Chicanos and Latinos, and Native Americans in the legal system. Repeatable when topic changes.

**ES 456. History of Native American Education. 4 Credits.**

Examines the historical conflict between traditional culture and knowledge transmission among Native Americans and the assimilationist educational system and practices of Euro-American culture. Offered alternative years.

**ES 460. Race, Culture, Empire: [Topic]. 4 Credits.**

Examines how racial discourses have informed United States domestic and foreign policy, with special attention on cultural representations of U.S. colonialism and imperialism. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.

**ES 464. Relational Studies of Indigeneity, Race and Culture: [Topic]. 4 Credits.**

Seminar centers relation between Indigenous peoples and peoples of color instead of focusing on white/non-white line. Called comparative or relational studies, the approach yields unique insights into how race and settler-colonialism work in the United States and beyond.

**ES 465. Feminist Theories of Race: [Topic]. 4 Credits.**

This course focuses on the political and theoretical trajectory of feminist and race theories associated with particular groups, such as Asian American feminisms, or comparatively in relation to Women of Color and queer politics. Repeatable three times for a maximum of 16 credits when topic changes.

**ES 466. Native American Ethnohistory. 4 Credits.**

In this seminar, we read, evaluate, analyze, and critique major texts in Native American ethnohistory (a combination of anthropological and historical methods) with a focus on perspectives and concerns of contemporary Indigenous peoples.

**ES 468. Indigenous Research Methods and Ethics. 4 Credits.**

This course addresses methodological and ethical issues related to conducting research about and with Indigenous peoples. The course introduces students to the principles of Indigenous research, including practices, collaboration, ethics, and Indigenous approaches to the construction of knowledge.

**ES 470. Native American and Indigenous Feminisms. 4 Credits.**

This class will acquaint students with critical issues in Native American and Indigenous feminisms. We will review past and present struggles, including gendered violence, cultural systems of gender and sexuality, successes and failures in efforts towards alliance, life stories, film, and literature, in comparative perspective.

**ES 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ES 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ES 540. Race, Literature, and Culture: [Topic]. 4 Credits.**

Examines race, literature, and culture from an interdisciplinary perspective. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.

**ES 542. Caribbean Literature and Politics. 4 Credits.**

Discusses how Caribbean diaspora literature employs themes of colonialism, sexuality, racism, migration, state violence, nationalism, and identity.

**ES 550. Race and Incarceration. 4 Credits.**

Introduces several key questions necessary for understanding the crisis of prisons and incarceration in the United States, with an emphasis on race, gender, and class.

**ES 552. Race and Ethnicity and the Law: [Topic]. 4 Credits.**

Addresses issues of social justice and the participation of Asian Americans, African Americans, Chicanos and Latinos, and Native Americans in the legal system. Repeatable when topic changes.

**ES 556. History of Native American Education. 4 Credits.**

Examines the historical conflict between traditional culture and knowledge transmission among Native Americans and the assimilationist educational system and practices of Euro-American culture. Offered alternative years.

**ES 560. Race, Culture, Empire: [Topic]. 4 Credits.**

Examines how racial discourses have informed United States domestic and foreign policy, with special attention on cultural representations of U.S. colonialism and imperialism. Repeatable four times for a maximum of 20 credits when topic changes. Offered alternate years.

**ES 564. Relational Studies of Indigeneity, Race and Culture: [Topic]. 4 Credits.**

Seminar centers relation between Indigenous peoples and peoples of color instead of focusing on white/non-white line. Called comparative or relational studies, the approach yields unique insights into how race and settler-colonialism work in the United States and beyond.

**ES 565. Feminist Theories of Race: [Topic]. 4 Credits.**

This course focuses on the political and theoretical trajectory of feminist and race theories associated with particular groups, such as Asian American feminisms, or comparatively in relation to Women of Color and queer politics. Repeatable three times for a maximum of 16 credits when topic changes.

**ES 566. Native American Ethnohistory. 4 Credits.**

In this seminar, we read, evaluate, analyze, and critique major texts in Native American ethnohistory (a combination of anthropological and historical methods) with a focus on perspectives and concerns of contemporary Indigenous peoples.

**ES 568. Indigenous Research Methods and Ethics. 4 Credits.**

This course addresses methodological and ethical issues related to conducting research about and with Indigenous peoples. The course introduces students to the principles of Indigenous research, including practices, collaboration, ethics, and Indigenous approaches to the construction of knowledge.

**ES 570. Native American and Indigenous Feminisms. 4 Credits.**

This class will acquaint students with critical issues in Native American and Indigenous feminisms. We will review past and present struggles, including gendered violence, cultural systems of gender and sexuality, successes and failures in efforts towards alliance, life stories, film, and literature, in comparative perspective.

**ES 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**ES 603. Dissertation. 1-16 Credits.**

Repeatable.

**ES 604. Internship: [Topic]. 1-5 Credits.**

Repeatable for a maximum of 10 credits.

**ES 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**ES 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ES 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ES 614. Colloquium: Professional Development. 1 Credit.**

Professional development, teaching skills, and mentorship for first year Ethnic Studies PhD students. Repeatable twice for a total of three credits.

**ES 617. Genealogies of Ethnic Studies. 5 Credits.**

Examines the emergence and evolution of the discipline of Ethnic Studies, including major intellectual shifts in the field, particularly as they relate to changes in the social science and humanities; and the state of the discipline today.

**ES 618. Theoretical Foundations in Ethnic Studies. 5 Credits.**

Introduction to the theoretical foundations and debates in Ethnic Studies scholarship.

**ES 619. Interdisciplinary Research Methods in Ethnic Studies. 5 Credits.**

Introduction to interdisciplinary methodologies in the various fields of ethnic studies, with an eye towards developing interdisciplinary competence and students applying it to their own work.

**ES 620. Race, Space, and Power: [Topic]. 5 Credits.**

This course questions the variety of ways that social constructions of race and space are inextricable from one another and constitute, as much as they are constituted by, modern power relations. Repeatable once for a maximum of 10 credits.

**ES 621. Cultural Production: [Topic]. 5 Credits.**

Graduate introduction to the theories and methods utilized within Cultural Studies scholarship with attention to race, gender, nation, sexuality and indigeneity. Repeatable twice for a maximum of 15 credits.

**ES 622. Resistance and Dissent: [Topic]. 5 Credits.**

Surveys historical and contemporary methods people of color have used to subvert and challenge white power and privilege in the United States. Repeatable twice for a maximum of 15 credits.

**ES 623. Race, Gender and Sexuality Studies: [Topic]. 5 Credits.**

This course closely examines the ways in which race is deeply intertwined with gender and sexuality in the production of racial, gender, and sexual violence since the inception of European settler colonialism in the Americas. Repeatable twice for a maximum of 15 credits.



# European Studies Courses

## Courses

**EURO 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**EURO 403. Thesis. 1-9 Credits.**

Repeatable.

**EURO 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**EURO 407. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**EURO 410. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**EURO 415. European Union History. 4 Credits.**

History, institutions, and policy landmarks of European integration since the end of World War II. Introduction to documents and research on history of European communities.

# Family and Human Services Courses

## Courses

**FHS 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**FHS 213. Issues for Children and Families. 4 Credits.**

Examines issues and problems confronting children and families in the United States. Issues such as disability, poverty, health care, addictions, racism, and violence are addressed.

**FHS 215. Exploring Family and Human Services. 3 Credits.**

Explores the historic basis and current design of family and human services. Emphasizes services to children, youth, adults, and families.

Prereq: FHS 213.

**FHS 216. Diversity in Human Services. 4 Credits.**

This course is designed to provide the foundational knowledge, awareness, and skills needed for working with diverse populations in the human services. This course will explore issues of equity and inclusion across the levels of the ecological model.

**FHS 301. Writing for Human Services Professionals. 3 Credits.**

This course prepares students with the knowledge and skills necessary for writing competently for professional/scientific audiences through a series of assigned readings, in- and out-of-class assignments, and quizzes. Students will practice iterative writing by giving and receiving peer reviews and incorporating peer and instructor feedback.

Prereq: WR 121Z, FHS 215.

**FHS 328. Human Development in the Family Context. 3 Credits.**

Examines human development within the context of the family from an evidence-based perspective. Integration of contemporary family issues experienced across the lifespan within the context of the human service profession.

Prereq: FHS 215, FHS 301.

**FHS 329. Youth Psychopathology in Context. 4 Credits.**

Presents child and adolescent psychopathology and problems within a diagnostic framework. Topics address psychosocial issues for youth in family and cultural contexts.

Prereq: FHS 215.

**FHS 330. Individual Interventions in Ecological Contexts. 4 Credits.**

Introduces the concept of individual interventions within an ecological model. Provides knowledge and development of basic listening skills and how to apply these skills to individuals in diverse contexts.

Prereq: FHS 215, FHS 216, FHS 301.

**FHS 331. Group and Community Interventions. 3 Credits.**

Introduces the concept of group intervention within the context of group theory and community development. Provides knowledge and development of group interventions, including group facilitation skills and curriculum development.

Prereq: FHS 330.

**FHS 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**FHS 401. Research: [Topic]. 1-5 Credits.**

Repeatable.

**FHS 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**FHS 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

**FHS 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**FHS 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**FHS 408. Workshop: [Topic]. 1-9 Credits.**

Repeatable.

**FHS 409. Terminal Project. 1-12 Credits.**

Repeatable.

**FHS 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**FHS 420. Research in Human Services. 3 Credits.**

This course provides a comprehensive introduction to research methods commonly used in human services, prevention science, and social work. Students will learn how to formulate research questions; identify, interpret, and evaluate empirical research articles; and engage in scientific writing by preparing research reports.

Prereq: FHS 213, FHS 216, FHS 301.

**FHS 422. Prevention Science in Practice. 2-5 Credits.**

Prevention science focused experiential learning within a research center or community agency. Co-enrollment in FHS 423 required. Repeatable four times for a total of 10 credits.

Prereq: FHS 471.

**FHS 423. Prevention Science in Practice Supervision. 1 Credit.**

Seminar providing group supervision related to field studies participation within a local school or community agency. Repeatable 11 times for a maximum of 12 credits.

**FHS 471. Human Services Professional Ethics. 3 Credits.**

This course focuses on professional ethics relevant to human services practitioners, with an emphasis on building skills required for ethical decision-making, including self-awareness, identification and integration of personal, professional, and legal values and standards, and evaluating scientific literature on prevention and intervention.

Prereq: FHS 420; pre or coreq: FHS 330.



**FHS 472. Human Services in Practice. 2-5 Credits.**

Supervised practicum (internship) within a local school or community agency. Co-enrollment in FHS 473 required. Repeatable eight times for a total of 18 credits.

Prereq: FHS 471.

**FHS 473. Human Services in Practice Supervision. 1 Credit.**

Seminar providing group supervision related to practicum (internship) participation within a local school or community agency. Repeatable 11 times for a maximum of 12 credits.

**FHS 483. Prevention of Interpersonal Violence. 4 Credits.**

Examines interpersonal violence and community-based prevention using ecological, multicultural, international frameworks. Emphasizes assessment, prevention, intervention, and simultaneous occurrence of adult violence and child maltreatment.

**FHS 490. Scientific Analysis in Human Services. 3 Credits.**

This course instills students with the knowledge and skills necessary to understand and perform basic quantitative and qualitative data analysis and to understand and demonstrate how data analysis is related to research design within the context of prevention science and the human services, broadly.

**FHS 492. Contemporary Issues in Public Health. 3 Credits.**

This course covers methods for assessing and addressing community health problems and promoting health equity.

Prereq: FHS 213, FHS 216, FHS 301.

**FHS 493. Child and Family Case Management. 3 Credits.**

This class provides students skills in case management and human-service-focused direct practice with children, adolescents, and families, including needs assessments, case conceptualization, service plan development, and direct service intervention.

Prereq: FHS 331, FHS 471.

**FHS 494. Adolescent and Adult Case Management. 3 Credits.**

This class provides students skills in case management and human service focused direct practice with adolescents and adults, including needs assessments, case conceptualization, service plan development, and direct service intervention.

Prereq: FHS 331, FHS 471.

**FHS 496. Senior Project Proposal. 1 Credit.**

Students create a written proposal outlining rationale, project description, and timelines for completing the senior project.

Prereq: major status.

**FHS 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**FHS 508. Workshop: [Topic]. 1-9 Credits.**

Repeatable.

**FHS 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**FHS 583. Prevention of Interpersonal Violence. 4 Credits.**

Examines interpersonal violence and community-based prevention using ecological, multicultural, international frameworks. Emphasizes assessment, prevention, intervention, and simultaneous occurrence of adult violence and child maltreatment.

## Finance Courses

### Courses

**FIN 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when the topic changes.

**FIN 240. Survey of Real Estate. 4 Credits.**

Basics of buying, selling, and leasing real estate. Overview of real estate law, commercial and residential brokerage, real estate financing, and real estate administration.

Not open to LCB majors or prebusiness majors with junior standing or above.

**FIN 281. Personal Finance. 4 Credits.**

Overview of lifetime personal financial strategies. Topics include financial goals and building net worth, major purchasing decisions, credit use, tax planning, retirement, and estate planning.

Not open to LCB majors, prebusiness majors with junior standing or above.

**FIN 283. The Stock Market and Investing. 4 Credits.**

Investments and the stock market, securities and approaches to security selection, portfolio composition and structure.

Not open to LCB majors, prebusiness majors with junior standing or above, or students who have credit for FIN 380.

**FIN 311. Economic Foundations of Competitive Analysis. 4 Credits.**

Analysis of market competition and its relation to product cost and pricing decisions by the firm. Students may receive credit for only one of EC 311, FIN 311, or FIN 311H.

Prereq: C- or better in BA 101, BA 240, EC 201, ACTG 211, ACTG 213, MATH 241.

**FIN 311H. Economic Foundations of Competitive Analysis. 4 Credits.**

Analyzes the competitive structure of markets and industries. Focuses on the relationships among cost, pricing strategy and economic profit in competitive environments. Students may receive credit for only one of EC 311, FIN 311, or FIN 311H.

Prereq: open only to students in the LCB honors program.

**FIN 316. Financial Management. 4 Credits.**

Corporate financial planning, selection among alternative investment opportunities, analysis of risk, funds acquisition, and long-term financing. Students cannot receive credit for both FIN 316 and FIN 316H.

Prereq: C- or better in BA 101, BA 240, EC 201, ACTG 211, ACTG 213, MATH 241.

**FIN 316H. Financial Management. 4 Credits.**

Covers the fundamental tools and concepts of finance, including the evaluation of investment opportunities and the relation between risk and return. Students cannot receive credit for both FIN 316 and FIN 316H.

Prereq: open only to students in the LCB honors program.

**FIN 380. Financial Markets and Investments. 4 Credits.**

Financial markets and security investment decisions, analysis of risk and return, portfolio policies for individual and institutional investors, financial instruments.

Prereq: FIN 316, OBA 312.

**FIN 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**FIN 403. Thesis. 1-12 Credits.**

Repeatable.

**FIN 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**FIN 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**FIN 407. Seminar: [Topic]. 4 Credits.**

Repeatable.

**FIN 409. Terminal Project. 1-12 Credits.**

Repeatable.

**FIN 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable when the topic changes.

Prereq: C- or better in FIN 316 or FIN 316H.

**FIN 462. Derivative Markets and Financial Institutions. 4 Credits.**

Valuation of financial derivatives, methodologies for identifying firms' risk exposures, the role of risk management and financial derivatives in corporate strategy, and analysis of financial institutions.

Prereq: FIN 316.

**FIN 463. International Finance. 4 Credits.**

Analysis of currency exchange rates, balance of payments; management of foreign exchange risk; risk and return in international investment.

Prereq: FIN 316.

**FIN 464. Commercial Banking. 4 Credits.**

Operation and pricing policies of a commercial bank, concentrating on management of institutions that take deposits and make loans and investments through the use of computer-simulated banking operations.

Prereq: FIN 316.

**FIN 473. Financial Analysis and Valuation. 4 Credits.**

Topics include working capital management, advanced capital budgeting, dividend policy, financing policy, business valuation, and corporate acquisitions.

Prereq: FIN 380.

**FIN 503. Thesis. 1-16 Credits.**

Repeatable.

**FIN 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable when the topic changes.

**FIN 562. Derivative Markets and Financial Institutions. 4 Credits.**

Valuation of financial derivatives, methodologies for identifying firms' risk exposures, the role of risk management and financial derivatives in corporate strategy, and analysis of financial institutions.

Prereq: FIN 380 or FIN 612.

**FIN 564. Commercial Banking. 4 Credits.**

Operation and pricing policies of a commercial bank, concentrating on management of institutions that take deposits and make loans and investments through the use of computer-simulated banking operations.

**FIN 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**FIN 603. Dissertation. 1-16 Credits.**

Repeatable.

**FIN 604. Internship: [Topic]. 1-9 Credits.**

Repeatable.

**FIN 605. Special Problems: [Topic]. 1-16 Credits.**

Repeatable.

**FIN 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**FIN 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**FIN 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**FIN 609. Terminal Project. 1-12 Credits.**

Repeatable.

**FIN 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable when the topic changes.

**FIN 612. Fundamentals of Finance. 3 Credits.**

Covers the fundamental theories and tools of financial analysis. Topics include valuation, capital budgeting, risk and return, market efficiency, and financial policies. Sequence with FIN 613.

**FIN 613. Managerial Economics. 3 Credits.**

Covers the fundamental theories and tools of economic and strategic analysis. Topics include demand and supply, pricing strategies, and perfect and imperfect competition. Sequence with FIN 612.

Prereq: FIN 612.

**FIN 615. Quantitative Methods for Finance. 3 Credits.**

Mathematical and statistical tools fundamental to financial analysis; measuring returns and risk, probability models, statistical inference, regression analysis, all with applications to finance.

**FIN 617. Data Analysis in Finance. 3 Credits.**

Programming for financial data analysis using popular languages; Back testing and developing algorithm trading strategies.

**FIN 671. Corporate Finance and Valuation. 3 Credits.**

Application of financial principles to problems of valuation, capital budgeting, and financial policy.

Prereq: FIN 612.

**FIN 673. Advanced Topics in Corporate Finance. 3 Credits.**

Cases dealing with financial analysis, working-capital management, valuation, and firm investment and financing decisions.

Prereq: completion of first-year M.B.A. core.

**FIN 675. Fixed Income Securities. 3 Credits.**

Theoretical, empirical, and institutional aspects of fixed-income securities and their derivatives; application of these tools to managerial decisions in other contexts.

Prereq: completion of first-year MBA core.

**FIN 683. Concepts of Investments. 3 Credits.**

Securities markets; risk-return characteristics of investment media; concepts of security analysis; investment and portfolio strategies of individual and institutional investors.

Prereq: completion of first-year M.B.A. core.

**FIN 685. Alternative Investments. 3 Credits.**

Covers alternative asset classes such as venture capital, private equity (LBO), commercial real estate, and cryptoassets. Focus on valuation methodologies, fund structures, and investment strategies.

Prereq: FIN 612.

**FIN 687. Hedge Funds. 3 Credits.**

Institutional features and trading strategies of the hedge fund industry; developing trading ideas, evaluating based on historical data or financial statements, and analyzing risk-return tradeoff.

Prereq: FIN 683.

## Folklore Courses

### Courses

**FLR 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**FLR 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**FLR 199L. Special Studies: [Topic]. 0 Credits.**

Repeatable.

**FLR 225. Voices of Africa. 4 Credits.**

Novels, music, dance, dress, paintings, films, and cartoons serve as a primary sources from which to learn about the diversity and vivacity of contemporary African peoples.

**FLR 235. Folklore and the Supernatural. 4 Credits.**

Introduces the study of beliefs about the supernatural by examining diverse approaches to the description and analysis of belief traditions and religious culture.

**FLR 236. Magic in the Middle Ages. 4 Credits.**

Examines how medieval culture defined magic and how the exploration of magic led to the beginnings of science. Analyzes the practices of medieval western Europe, particularly Britain.

**FLR 250. Introduction to Folklore. 4 Credits.**

The process and genres of traditional (i.e., folk) patterning; the relations between these forms of expression and other arts, especially English and American literature.

**FLR 255. Folklore and United States Popular Culture. 4 Credits.**

Explores the relationship between folklore and popular culture, with special emphasis on the analysis of legends, myths, icons, stereotypes, heroes, celebrities, rituals, and celebrations.

**FLR 320. Car Cultures. 4 Credits.**

Examines car customizing and tuning as forms of vernacular art; studies the environmental impacts of automobiles, the history of the industry, and the peculiarities of drivers' behavior. Offered alternate years.

**FLR 350. Folklore and the Bible. 4 Credits.**

Studies readings of the Judeo-Christian Bible in connection with mythological and traditional contexts and meanings from ancient times to the present. Offered alternate years.

**FLR 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**FLR 399L. Special Studies: [Topic]. 4 Credits.**

Repeatable.

**FLR 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**FLR 401. Research: [Topic]. 1-6 Credits.**

Repeatable.

**FLR 403. Thesis. 1-6 Credits.**

Repeatable.

**FLR 404. Internship: [Topic]. 1-8 Credits.**

Repeatable.

**FLR 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**FLR 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**FLR 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**FLR 408. Workshop: [Topic]. 1-5 Credits.**

Repeatable.

**FLR 409. Terminal Project. 1-12 Credits.**

Repeatable.

**FLR 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**FLR 411. Folklore and Religion. 4 Credits.**

Explores the role of folklore in people's religious lives with particular emphasis on narrative, beliefs, rituals, celebrations, pilgrimage, and ecstatic states.

**FLR 415. Folklore and Foodways. 4 Credits.**

Examines food traditions from a folkloristic perspective, looking at issues such as identity, performance, community, creativity, and innovation. Prereq: junior standing. Offered every second or third year.

**FLR 495. Folklore Fieldwork. 4 Credits.**

This course introduces students to the theory and practice of ethnographic fieldwork in folklore. Each student will have the opportunity to conceptualize and carry out a fieldwork project while developing skills in proposal writing, fieldwork and interviewing practices, documentation, analysis, and presentation of ethnographic research.

**FLR 500M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**FLR 503. Thesis. 1-12 Credits.**

Repeatable.

**FLR 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**FLR 508. Workshop: [Topic]. 1-5 Credits.**

Repeatable.

**FLR 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**FLR 511. Folklore and Religion. 4 Credits.**

Explores the role of folklore in people's religious lives with particular emphasis on narrative, beliefs, rituals, celebrations, pilgrimage, and ecstatic states.

**FLR 515. Folklore and Foodways. 4 Credits.**

Examines food traditions from a folkloristic perspective, looking at issues such as identity, performance, community, creativity, and innovation. Prereq: junior standing. Offered every second or third year.

**FLR 595. Folklore Fieldwork. 4 Credits.**

This course introduces students to the theory and practice of ethnographic fieldwork in folklore. Each student will have the opportunity to conceptualize and carry out a fieldwork project while developing skills in proposal writing, fieldwork and interviewing practices, documentation, analysis, and presentation of ethnographic research.

**FLR 601. Research: [Topic]. 1-6 Credits.**

Repeatable.

**FLR 604. Internship: [Topic]. 1-6 Credits.**

Repeatable.

**FLR 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**FLR 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**FLR 607. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**FLR 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**FLR 609. Terminal Project. 1-16 Credits.**

Repeatable.

**FLR 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**FLR 681. History and Theory of Folklore Research. 5 Credits.**

Examines nature of scholarly inquiry, research questions, and techniques. Historic orientation with emphasis on ideological development of folkloristics from its beginnings to the present.

## French Courses

### Courses

**FR 101. First-Year French. 5 Credits.**

Introduction to French stressing the development of listening, speaking, reading, and writing skills through a communicative approach. Sequence. Conducted in French.

**FR 102. First-Year French. 5 Credits.**

Introduction to French stressing the development of listening, speaking, reading, and writing skills through a communicative approach. Sequence. Conducted in French.  
Prereq: FR 101.

**FR 103. First-Year French. 5 Credits.**

Introduction to French stressing the development of listening, speaking, reading, and writing skills through a communicative approach. Sequence. Conducted in French.  
Prereq: FR 102.

**FR 111. Intensive Beginning French. 5 Credits.**

Intensive study for experienced language learners; introduction to French culture. Sequence. Cannot be combined with FR 101, FR 102, FR 103 for more than 15 credits of first-year French.  
Prereq: previous study of French or competence in another Romance language.

**FR 112. Intensive Beginning French. 5 Credits.**

Intensive study for experienced language learners; introduction to French culture. Cannot be combined with FR 101, FR 102, FR 103 for more than 15 credits of first-year French.  
Prereq: FR 111.

**FR 150. Cultural Legacies of France. 4 Credits.**

French civilization in France and beyond. Possible topics are the Francophone world; premodern, early modern, and modern France; French film, architecture, and painting. Conducted in English.

**FR 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**FR 201. Second-Year French. 4 Credits.**

Development of reading, writing, and speaking skills; study of short literary and cultural texts; considerable attention paid to oral use of the language. Sequence.  
Prereq: first-year language competence.

**FR 202. Second-Year French. 4 Credits.**

Development of reading, writing, and speaking skills; study of short literary and cultural texts; considerable attention paid to oral use of the language. Sequence.  
Prereq: FR 201.

**FR 203. Second-Year French. 4 Credits.**

Development of reading, writing, and speaking skills; study of short literary and cultural texts; considerable attention paid to oral use of the language. Sequence.  
Prereq: FR 202.

**FR 301. La France contemporaine. 4 Credits.**

Training in language and culture of modern France using newspapers, short stories, poetry and film. Vocabulary enrichment activities. Conducted in French.  
Prereq: FR 203.

**FR 302. Culture et langage: Le monde francophone contemporain. 4 Credits.**

Training in language and cultures of the French-speaking world using literary texts, websites, videos. Grammar review and vocabulary enrichment.  
Prereq: FR 203.

**FR 307. Oral Skills. 2 Credits.**

Repeatable. Practice in improving oral, comprehension, and listening skills in French. Communicative activities in class in addition to language laboratory work. Repeatable once for maximum of 4 credits.  
Prereq: FR 203 or equivalent.

**FR 312. French Survey: Francophone Literature. 4 Credits.**

Introduction to major authors and texts of the French-speaking world outside of France.  
Prereq: FR 301 or FR 302.

**FR 317. French Survey: Medieval and Renaissance. 4 Credits.**

Introduction to major themes and ideas in French literature from the medieval and Renaissance periods through the reading of representative texts.  
Prereq: FR 301 or FR 302.

**FR 318. Monarchy, Liberty, Revolution. 4 Credits.**

Introduction to major themes and ideas in French literature from the 17th and 18th centuries through the reading of representative texts.  
Prereq: FR 301 or FR 302.

**FR 319. French Survey: 19th and 20th Centuries. 4 Credits.**

Representative literary works from the 19th and 20th centuries with attention to literary analysis and literary history.  
Prereq: FR 301 or FR 302.

**FR 320. Intensive French Grammar Review. 4 Credits.**

Promotes linguistic competency in French through intensive review and refinement of French grammar while introducing basic vocabulary and linguistic concepts.  
Prereq: FR 203.

**FR 330. French Poetry. 4 Credits.**

Poems from the Middle Ages to the 20th century, literary movements, introduction to textual analysis and modern critical approaches.  
Prereq: FR 301, FR 302.

**FR 331. French Theater. 4 Credits.**

Explores important aspects of French theater. Reading plays from different periods. Emphasizes formal aspects and critical reading.  
Prereq: FR 301, FR 302.

**FR 333. French Narrative. 4 Credits.**

Covers important aspects of French narrative. Reading texts from different periods. Emphasis on formal aspects and critical reading.  
Prereq: FR 301, FR 302.

**FR 361. French Cinema for Nonmajors. 4 Credits.**

An introduction to the major movements of French cinema for nonmajors. No prior knowledge of film studies or French culture required. Taught in English.

**FR 362. French Film. 4 Credits.**

Focuses on the differences between American culture and French and Francophone cultures. Addresses a sensitive issue exemplified by the attitude of the international movie industry.

Prereq: FR 301, FR 302.

**FR 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

Prereq: FR 301 or FR 302.

**FR 403. Thesis. 3-6 Credits.**

Repeatable.

**FR 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**FR 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**FR 407. Seminar: [Topic]. 1-6 Credits.**

Repeatable. Recent topics include French Novel and World War II, Writers and Painters, Medievalism, Francophone Caribbean, Gide and Sartre.

Prereq: two survey courses from FR 312, FR 317, FR 318, or FR 319.

**FR 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**FR 409. Terminal Project. 1-12 Credits.**

Repeatable.

**FR 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**FR 416. Advanced Writing in French. 4 Credits.**

Extended written production; writing for specific purposes and audiences. Advanced grammar review and composition; study of specialized vocabulary.

Prereq: FR 301, FR 302.

**FR 425. French-English Translation. 4 Credits.**

Offers an overview of translation theory and practice from English to French and French to English.

Prereq: FR 301, FR 302.

**FR 451. Baroque Theater: [Topic]. 4 Credits.**

Intensive study of representative plays by Moliere, Racine, or Corneille with emphasis on modern criticism. Repeatable when topic changes for maximum of 16 credits.

Prereq: two survey courses from FR 312, FR 317, FR 318, or FR 319.

**FR 460. 18th-Century Literature: [Topic]. 4 Credits.**

Changing topics concerning trends or particular authors representative of 18th-century French literature. A recent topic is Being Modern in the 18th century. Repeatable when topic changes.

Prereq: two survey courses from FR 312, FR 317, FR 318, or FR 319.

**FR 480. 19th-Century Literature: [Topic]. 4 Credits.**

Changing topics concerning trends or particular authors representative of 19th-century French literature. Repeatable when topic changes.

Prereq: two survey courses from FR 312, FR 317, FR 318, or FR 319.

**FR 490. 20th-Century Literature: [Topic]. 4 Credits.**

Changing topics concerning trends or particular authors representative of 20th-century French literature. Recent topics include African Identities, The French Novel in 2000, Postcolonial Africa. Repeatable when topic changes.

Prereq: two survey courses from FR 312, FR 317, FR 318, or FR 319.

**FR 507. Seminar: [Topic]. 1-6 Credits.**

Repeatable. Recent topics include French Novel and World War II, Writers and Painters, Medievalism, Francophone Caribbean, Gide and Sartre.

**FR 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**FR 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**FR 551. Baroque Theater: [Topic]. 4 Credits.**

Intensive study of representative plays by Moliere, Racine, or Corneille with emphasis on modern criticism. Repeatable when topic changes for maximum of 16 credits.

**FR 560. 18th-Century Literature: [Topic]. 4 Credits.**

Changing topics concerning trends or particular authors representative of 18th-century French literature. A recent topic is Being Modern in the 18th century. Repeatable when topic changes.

**FR 580. 19th-Century Literature: [Topic]. 4 Credits.**

Changing topics concerning trends or particular authors representative of 19th-century French literature. Repeatable when topic changes.

**FR 590. 20th-Century Literature: [Topic]. 4 Credits.**

Changing topics concerning trends or particular authors representative of 20th-century French literature. Recent topics include African Identities, The French Novel in 2000, Postcolonial Africa. Repeatable when topic changes.

**FR 601. Research: [Topic]. 1-6 Credits.**

Repeatable.

**FR 605. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**FR 606. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**FR 607. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**FR 609. Terminal Project. 1-12 Credits.**

Repeatable.

## Geography Courses

### Courses

**GEOG 141. The Natural Environment. 4 Credits.**

The earth's physical landscapes, vegetation patterns, weather, and climate; emphasis on the dynamic interactions among climate, landforms, vegetation, and soils.

**GEOG 142. Human Geography. 4 Credits.**

The spatial organization of humans and their activities on Earth's surface. Cultural, political, and economic influences shaping places and their interconnections.

**GEOG 181. Our Digital Earth. 4 Credits.**

Exploring the emergence of geospatial data and technologies that are pervasive in our everyday lives and how they are shaping society.

**GEOG 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**GEOG 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.



**GEOG 201. World Regional Geography. 4 Credits.**

Introduction to the world's cultural regions. Study of the cultural and environmental factors that make different parts of the world distinct.

**GEOG 202. Geography of Europe. 4 Credits.**

Physical and cultural processes that have shaped the rural and urban landscapes of Europe.

**GEOG 208. Geography of the United States and Canada. 4 Credits.**

Historical and geographical analysis of the physical and human geography of the U.S. and Canada. Topics include physical regions, settlement patterns, economic development, and urbanization. Offered alternate years.

**GEOG 209. Geography of the Middle East and North Africa. 4 Credits.**

Physical and cultural processes that have shaped the rural and urban landscapes of the Middle East and North Africa.

**GEOG 250. Geographies of Outdoor Adventure. 4 Credits.**

Introduces cultural geography by tracing the emergence and contemporary significance of outdoor adventure sports. Their global development since the late 1800s coincides with changing ideas about nature, wilderness, and the utility of play, and reflects modern social disparities and environmental challenges.

**GEOG 281. The World and Big Data. 4 Credits.**

Explores technical foundations and social and economic applications of big data along the "5V" dimensions of volume, variety, velocity, veracity, and visualization.

**GEOG 321. Climatology. 4 Credits.**

Energy and moisture in the atmosphere, atmospheric circulation, controls of regional and microclimates, applied climatology, climatic variations, past and future climates.

Prereq: GEOG 141.

**GEOG 322. Geomorphology. 4 Credits.**

Landforming processes with emphasis on mass movements, rivers, eolian, glacial, and coastal processes. Special fee.

Prereq: one from GEOG 141, EARTH 102, EARTH 202.

**GEOG 323. Biogeography. 4 Credits.**

Relation of plants and animals to the environment, distribution of individual species, historical changes in plant distribution.

Prereq: one from GEOG 141, EARTH 103, EARTH 203, BI 370.

**GEOG 341. Population and Environment. 4 Credits.**

Patterns of population growth over history and place, current policies and programs, and impacts and trends in United States and international contexts. Includes method and theory.

**GEOG 342. Geography of Globalization. 4 Credits.**

Historical and geographical dimensions of globalization; emphasizes economic and social factors. Topics include multinationals, trade agreements, sustainability, global inequalities, and racial and gender divisions of labor.

**GEOG 343. Society, Culture, and Place. 4 Credits.**

Examines ways in which geographical context reflects and shapes cultural and social processes. Importance of place and territory in human affairs.

**GEOG 360. Watershed Science and Policy. 4 Credits.**

Physical and biological processes of watersheds; problems of land use, water quality, riparian zones, aquatic ecology; scientific basis of watershed management and policy. Special fee.

Prereq: one from GEOG 141, EARTH 102, EARTH 202, BI 130, BI 213.

**GEOG 361. Global Environmental Change. 4 Credits.**

Natural and human-induced environmental changes and their impact on different environmental systems. Not available to those who have taken GEOG 143.

Prereq: GEOG 141.

**GEOG 391. Social Science Inquiry and Research. 4 Credits.**

Understanding scientific inquiry, the scientific method and learning to critique social science research. Readings and discussion focus on the questions, methods, conclusions and outcomes of research.

**GEOG 393. Data Driven Cartography. 4 Credits.**

Introduction to concepts of cartography through representing, organizing, analyzing, and visually presenting geospatial information and data on maps. In this course we will explore different types of map design, how to represent different data types on maps, and how data impacts visual display. Sequence with GEOG 481, GEOG 492, GEOG 493.

Prereq: GEOG 181 or GEOG 481.

**GEOG 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**GEOG 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**GEOG 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**GEOG 403. Thesis. 1-12 Credits.**

Repeatable.

**GEOG 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**GEOG 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**GEOG 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**GEOG 408. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**GEOG 409. Terminal Project. 1-12 Credits.**

Repeatable.

**GEOG 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable. Topics are listed in the class schedule each term.

**GEOG 410L. Experimental Course:[Topic]. 1-4 Credits.**

Repeatable.

**GEOG 419. Professional Geographer. 2 Credits.**

Explores the geographical perspective on world cultures and global issues, and prepares students how to articulate a spatial perspective and effectively communicate geographic training and skills to broader audiences.

**GEOG 423. Advanced Biogeography: [Topic]. 4 Credits.**

Selected topics in biogeography including relation of plants and animals to their environment, historical changes in plant distribution, and palynological analysis. Special fee. Repeatable when topic changes.

Prereq: GEOG 323.

**GEOG 425. Hydrology and Water Resources. 4 Credits.**

Emphasis on surface water including precipitation, evapotranspiration, surface runoff, and stream flow. Understanding and analysis of processes. Management for water supply and quality. Special fee.

Prereq: GEOG 321 or GEOG 322, MATH 111Z.

**GEOG 427. Fluvial Geomorphology. 4 Credits.**

Hydraulics and hydrology of stream channels; channel morphology and processes; drainage network development; fluvial deposits and landforms; field and analytical methods. Required field trips. Special fee. Prereq: MATH 112Z; one from GEOG 322, GEOG 425, EARTH 334.

**GEOG 430. Long-Term Environmental Change. 4 Credits.**

Evolution of the physical landscape during the Quaternary period. Elements of paleoclimatology, paleoecology, and geomorphology. Required field trips. Special fee. Prereq: one from GEOG 321, GEOG 322, GEOG 323.

**GEOG 433. Fire and Natural Disturbances. 4 Credits.**

Wildfire and other landscape disturbance processes, historical and current patterns of fire, use and management of fire. Offered alternate years. Prereq: BI 307 or GEOG 323 or BI 370.

**GEOG 441. Political Geography. 4 Credits.**

Spatial perspectives on global political patterns and processes. Relationship of political territories to resources, ethnic patterns, and ideological communities. Impact of political arrangements on identity, conflict, and peace. Prereq: Junior standing.

**GEOG 442. Urban Geography. 4 Credits.**

Urbanization throughout the world, the structure of urban settlements; cities as regional centers, physical places, and homes for people; geographic problems in major urban environments. Prereq: Junior standing.

**GEOG 444. Cultural Geography. 4 Credits.**

Patterns of culture as a force in human affairs. Dynamics of identity, place, and power. The creation of culture at different scales.

**GEOG 448. Tourism and Development. 4 Credits.**

Tourism-related concepts and practices associated with tourism planning, development, marketing, and impacts in different geographic contexts.

**GEOG 465. Environment and Development. 4 Credits.**

Critical analysis of development concepts. Economic activity and environmental impacts. Sustainable development. Development projects and landscapes in the industrializing world.

**GEOG 468. Contemporary Food Systems. 4 Credits.**

Explores contemporary food systems at local, national, and global scales. Emphasis on the political economy and sociocultural dynamics linking agriculture, food industries, and consumption.

**GEOG 471. North American Historical Landscapes. 4 Credits.**

Examines the origin and evolution of cultural landscapes in North America through historical and contemporary sources, and draws upon the local region for student projects. Prereq: Junior standing.

**GEOG 481. GIScience I. 4 Credits.**

Introduction to geographic information science, geographic information systems (GIS), the current population survey (CPS), remote sensing, and cartography. Sequence with GEOG 482, GEOG 491.

**GEOG 482. GIScience II. 4 Credits.**

Spatial data collection, spatial data models, database design, data editing, geographic information system (GIS) project management, and advanced topics in geographic information science. Sequence with GEOG 481, GEOG 491, GEOG 493. Prereq: GEOG 481.

**GEOG 485. Remote Sensing I. 4 Credits.**

Introduction to remote sensing science including its physical basis, instruments, platforms, data, processing methods, and applications. Sequence with GEOG 486. Prereq: GEOG 481.

**GEOG 486. Remote Sensing II. 4 Credits.**

The use of digital electromagnetic data for classification, mapping, and monitoring biologic, hydrologic, atmospheric, geologic, and human processes and environmental change. Sequence with GEOG 485. Prereq: GEOG 485.

**GEOG 489. Mapping with Drones. 4 Credits.**

This course introduces students to the understanding and applying the technologies, theories, and skills needed to acquire drone photography and convert this into maps useful in many professions. Applications include such subjects as resource management, physical environments, topographic mapping, vegetation, and urban characterization. Prereq: GEOG 181, GEOG 485.

**GEOG 490. GIScience: [Topic]. 4 Credits.**

Repeatable. Advanced topics on geographic information systems science including spatial analysis and modeling, data visualization, cartography, volunteered geographic information, GIS programming. Repeatable five times for a maximum of 24 credits. Prereq: GEOG 481.

**GEOG 491. Advanced Geographic Information Systems. 4 Credits.**

Automated processing of geospatial data using Python scripting language. Programming for spatial analysis such as 3-D and network modeling; processing of big data (satellite imagery, climate data, demographic information). Sequence with GEOG 481, GEOG 482. Prereq: GEOG 482.

**GEOG 493. Advanced Cartography. 4 Credits.**

Map design and production methods; use of color, cartographic visualization, graphing, data graphics theory, and integration of geographic information systems (GIS) and graphics tools. Sequence with GEOG 481, GEOG 482. Prereq: GEOG 481.

**GEOG 494. Spatial Analysis. 4 Credits.**

Introduction to a variety of spatial analysis techniques that can be used for understanding and modeling geographic phenomena. Prereq: GEOG 481.

**GEOG 495. Geographic Data Analysis. 4 Credits.**

Analysis and display of geographical data by traditional data-analytical methods and by scientific-visualization approaches. Prereq: GEOG 481.

**GEOG 497. Qualitative Methods in Geography. 4 Credits.**

Explores conceptual and practical dimensions of qualitative research. Includes linking theory and method; research question formulation; project design; ethics; data gathering, analysis, and presentation. Prereq: one from GEOG 341, GEOG 342, GEOG 343.

**GEOG 498. Geospatial Project Design. 4 Credits.**

Introduction to methods for designing and implementing professional projects involving geospatial data, technologies, and analytical methods. Prereq: GEOG 481.

**GEOG 503. Thesis. 1-16 Credits.**

Repeatable.

**GEOG 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**GEOG 508. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**GEOG 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable. Topics are listed in the class schedule each term.

**GEOG 510L. Experimental Course:[Topic]. 4 Credits.**

Repeatable.

**GEOG 523. Advanced Biogeography: [Topic]. 4 Credits.**

Selected topics in biogeography including relation of plants and animals to their environment, historical changes in plant distribution, and palynological analysis. Special fee. Repeatable when topic changes.

**GEOG 525. Hydrology and Water Resources. 4 Credits.**

Emphasis on surface water including precipitation, evapotranspiration, surface runoff, and stream flow. Understanding and analysis of processes. Management for water supply and quality. Special fee.

**GEOG 527. Fluvial Geomorphology. 4 Credits.**

Hydraulics and hydrology of stream channels; channel morphology and processes; drainage network development; fluvial deposits and landforms; field and analytical methods. Required field trips. Special fee.

**GEOG 530. Long-Term Environmental Change. 4 Credits.**

Evolution of the physical landscape during the Quaternary period. Elements of paleoclimatology, paleoecology, and geomorphology. Required field trips. Special fee.

**GEOG 533. Fire and Natural Disturbances. 4 Credits.**

Wildfire and other landscape disturbance processes, historical and current patterns of fire, use and management of fire. Offered alternate years.

**GEOG 541. Political Geography. 4 Credits.**

Spatial perspectives on global political patterns and processes. Relationship of political territories to resources, ethnic patterns, and ideological communities. Impact of political arrangements on landscapes.

**GEOG 542. Urban Geography. 4 Credits.**

Urbanization throughout the world, the structure of urban settlements; cities as regional centers, physical places, and homes for people; geographic problems in major urban environments.

**GEOG 544. Cultural Geography. 4 Credits.**

Patterns of culture as a force in human affairs. Dynamics of identity, place, and power. The creation of culture at different scales.

**GEOG 548. Tourism and Development. 4 Credits.**

Tourism-related concepts and practices associated with tourism planning, development, marketing, and impacts in different geographic contexts.

**GEOG 565. Environment and Development. 4 Credits.**

Critical analysis of development concepts. Economic activity and environmental impacts. Sustainable development. Development projects and landscapes in the industrializing world.

**GEOG 568. Contemporary Food Systems. 4 Credits.**

Explores contemporary food systems at local, national, and global scales. Emphasis on the political economy and sociocultural dynamics linking agriculture, food industries, and consumption.

**GEOG 581. GIScience I. 4 Credits.**

Introduction to geographic information science, geographic information systems (GIS), the current population survey (CPS), remote sensing, and cartography. Sequence with GEOG 582, GEOG 591.

**GEOG 582. GIScience II. 4 Credits.**

Spatial data collection, spatial data models, database design, data editing, geographic information system (GIS) project management, and advanced topics in geographic information science. Sequence with GEOG 581, GEOG 591, GEOG 593.

Prereq: GEOG 581.

**GEOG 585. Remote Sensing I. 4 Credits.**

Introduction to remote sensing science including its physical basis, instruments, platforms, data, processing methods, and applications. Sequence with GEOG 586.

Prereq: GEOG 581.

**GEOG 586. Remote Sensing II. 4 Credits.**

The use of digital electromagnetic data for classification, mapping, and monitoring biologic, hydrologic, atmospheric, geologic, and human processes and environmental change. Sequence with GEOG 585.

Prereq: GEOG 585.

**GEOG 589. Mapping with Drones. 4 Credits.**

This course introduces students to the understanding and applying the technologies, theories, and skills needed to acquire drone photography and convert this into maps useful in many professions. Applications include such subjects as resource management, physical environments, topographic mapping, vegetation, and urban characterization.

Prereq: GEOG 585.

**GEOG 590. GIScience: [Topic]. 4 Credits.**

Advanced topics on geographic information systems science including spatial analysis and modeling, data visualization, cartography, volunteered geographic information, GIS programming. Repeatable five times for a maximum of 24 credits.

Prereq: GEOG 581.

**GEOG 591. Advanced Geographic Information Systems. 4 Credits.**

Socioeconomic analysis with geographic information systems (GIS) and the U.S. census, network modeling, 3-D models of natural and urban landscapes, web-based GIS and programming. Sequence with GEOG 581, GEOG 582.

Prereq: GEOG 582.

**GEOG 593. Advanced Cartography. 4 Credits.**

Map design and production methods; use of color, cartographic visualization, graphing, data graphics theory, and integration of geographic information systems (GIS) and graphics tools. Sequence with GEOG 581, GEOG 582.

Prereq: GEOG 582.

**GEOG 594. Spatial Analysis. 4 Credits.**

Introduction to a variety of spatial analysis techniques that can be used for understanding and modeling geographic phenomena.

Prereq: GEOG 581.

**GEOG 595. Geographic Data Analysis. 4 Credits.**

Analysis and display of geographical data by traditional data-analytical methods and by scientific-visualization approaches.

Prereq: GEOG 581.

**GEOG 597. Qualitative Methods in Geography. 4 Credits.**

Explores conceptual and practical dimensions of qualitative research. Includes linking theory and method; research question formulation; project design; ethics; data gathering, analysis, and presentation.

**GEOG 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**GEOG 603. Dissertation. 1-16 Credits.**

Repeatable.

**GEOG 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**GEOG 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**GEOG 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**GEOG 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**GEOG 609. Terminal Project. 1-12 Credits.**

Repeatable.

**GEOG 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**GEOG 611. Theory and Practice of Geography I. 4 Credits.**

Introduction to professional practice in geography and the development of geographic concepts and theories from Ancient times through the mid-twentieth century. Sequence with GEOG 612, GEOG 613.

**GEOG 612. Theory and Practice of Geography II. 4 Credits.**

The development of geographic concepts and theories from the mid-20th century to the present. Students learn to refine effective geographic research questions. Sequence with GEOG 611 and GEOG 613.  
Prereq: GEOG 611.

**GEOG 613. Research Design. 4 Credits.**

Examines main components of research design, including research questions, methodological approach, institutional review boards, funding programs, proposal writing, and application. Sequence with GEOG 611 and GEOG 612.  
Prereq: GEOG 612.

**GEOG 631. Progress in Physical Geography. 1 Credit.**

Recent developments in climatology, geomorphology, hydrology, and biogeography. Lectures, readings, and presentation of faculty and student works in progress. Repeatable for maximum of 12 credits.

**GEOG 632. Progress in Human Geography. 1 Credit.**

Recent developments in cultural, economic, environmental and political geography. Lectures, readings, and presentation of faculty and student works in progress. Repeatable for maximum of 12 credits.

**GEOG 633. Progress in Geographic Information Science. 1 Credit.**

Recent developments in cartography, GIS, remote sensing, data analysis, and visualization. Lectures, readings, and presentation of faculty and student works in progress. Repeatable for maximum of 12 credits.

## German Courses

### Courses

**GER 101. First-Year German. 5 Credits.**

Provides a thorough grammatical foundation and an elementary reading knowledge of German as well as an understanding of the spoken language. Sequence.

**GER 102. First-Year German. 5 Credits.**

Provides a thorough grammatical foundation and an elementary reading knowledge of German as well as an understanding of the spoken language.  
Prereq: GER 101.

**GER 103. First-Year German. 5 Credits.**

Provides a thorough grammatical foundation and an elementary reading knowledge of German as well as an understanding of the spoken language.

Prereq: GER 102.

**GER 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**GER 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**GER 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**GER 201. Second-Year German I. 4 Credits.**

Grammar and composition, reading selections from representative authors, conversation. Sequence.

Prereq: GER 103 or equivalent.

**GER 202. Second-Year German II. 4 Credits.**

Grammar and composition, reading selections from representative authors, conversation.

Prereq: GER 201.

**GER 203. Second-Year German III. 4 Credits.**

Grammar and composition, reading selections from representative authors, conversation.

Prereq: GER 202.

**GER 220M. From Kierkegaard to Kafka. 4 Credits.**

Survey of the existential tradition in German and Scandinavian literature, philosophy, drama, and film. Historical and conceptual developments are considered, from Kierkegaard to Kafka. Taught in English. Multilisted with SCAN 220M.

**GER 221. Postwar Germany: Nation Divided. 4 Credits.**

Introduction to literary and cultural movements of public dissent, including 1960s student revolutions, in postwar Germany. Conducted in English.

**GER 222. Voices of Dissent in Germany. 4 Credits.**

Key debates in German culture, including the adequate representation of the Holocaust, literature in society, and the roles of ethnic and gender identities within the nation. Conducted in English.

**GER 223. Germany: A Multicultural Society. 4 Credits.**

Examines the multiethnic complexities of German, Austrian, and/or Swiss societies through the writings of African, Turkish, or Jewish Germans. Period of focus varies. Conducted in English.

**GER 250. The Culture of Money. 4 Credits.**

Explores ideas about money, value, and exchange in German-speaking cultures from selected moments in modern history through readings of literature, philosophy, and the arts.

**GER 251. Sexuality. 4 Credits.**

Examines discourses on sexuality (e.g., sexual norms, gender roles, and divergences from them) in modern German, Austrian, and Swiss-German contexts through literature, essays, and films.

**GER 252. War, Violence, Trauma. 4 Credits.**

Examines war, violence, and trauma in German and Austrian cultural history, during the modern period, through works of literature, thought, art, music, and film.



**GER 280M. The Quality of Life in Germany and Scandinavia. 4 Credits.**

An interdisciplinary cultural-historical inquiry into a region with some of the highest quality of life indicators in the world. Examines family, community, work, leisure, security, health, education, and other topics. Taught in English with some German and Swedish (no prior language ability required). Multilisted with SCAN 280M.

**GER 311. Intermediate Language Training. 4 Credits.**

Extensive practice in speaking and writing German; complex grammatical structures in writing.

Prereq: GER 203 or equivalent.

**GER 312. Intermediate Language Training. 4 Credits.**

Extensive practice in speaking and writing German; complex grammatical structures in writing.

Prereq: GER 203 or equivalent.

**GER 313. Intermediate Language Training. 4 Credits.**

Extensive practice in speaking and writing German; complex grammatical structures in writing. Option during 313 to take the Zertifikat Deutsch exam.

Prereq: GER 312.

**GER 345M. Food, Culture, and Identity in Germany and Scandinavia. 4 Credits.**

Examines the relationships among food, culture, and identity in Germany and Scandinavia. Interdisciplinary readings, lectures, films, and discussions focus on literary and symbolic representations of food from production to consumption, and on images and depictions of cooking, eating, drinking, and feasting. Multilisted with SCAN 345M.

**GER 351. Diversity in Germany. 4 Credits.**

Examines the social construction of identity in German literature and culture. Addresses topics of plural voices and tolerance in German-speaking cultures. Topics vary. Conducted in English.

**GER 354. German Gender Studies. 4 Credits.**

Student oral presentations and written papers on such topics as men and women writers of German romanticism, mothers and daughters in German literature, comparison of men and women dramatists. No knowledge of German required; readings and discussions in English.

**GER 355. German Cinema: History, Theory, Practice. 4 Credits.**

In-depth analysis of various facets of German cinema. Topics include film and the Third Reich, cinema and technology, German filmmakers in American exile, German New Wave. Conducted in English.

**GER 356. German Fairy Tales. 4 Credits.**

The German fairy tale in historical and theoretical context, from the Brothers Grimm and romantic tales to adaptations by Tchaikovsky and Sendak. Taught in English.

**GER 357. Nature, Culture, and the Environment. 4 Credits.**

Introduction to the contributions German writers, philosophers, scientists, and artists have made to changing notions of nature and its supposed opposition to culture. Offered alternate years.

**GER 360. Introduction to German Literature: Poetry, Plays, Prose. 4 Credits.**

Introduction to textual analysis--poetry, plays, and prose from 1800 to the present--in the context of major literary movements (romanticism, realism, modernism) and their social determinants. Focus on genre: poetry, plays, and prose.

Coreq: GER 311.

**GER 361. Introduction to German Literature: Literary Movements. 4 Credits.**

Introduction to textual analysis--poetry, plays, and prose from 1800 to the present--in the context of major literary movements (romanticism, realism, modernism) and their social determinants. Focus on literary movements. Coreq: GER 311.

**GER 362. Introduction to German Literature: Interpretive Models. 4 Credits.**

Introduction to textual analysis--poetry, plays, and prose from 1800 to the present--in the context of major literary movements (romanticism, realism, modernism) and their social determinants. Focus on interpretive models. Coreq: GER 311.

**GER 366. Themes in German Literature. 4 Credits.**

Significant literary texts organized by theme--crime and society, travels and explorations, nature and technology, relationships between the sexes, the Nazi past.

Coreq: GER 311.

**GER 367. Themes in German Literature. 4 Credits.**

Significant literary texts organized by theme--crime and society, travels and explorations, nature and technology, relationships between the sexes, the Nazi past.

Coreq: GER 311.

**GER 368. Themes in German Literature. 4 Credits.**

Significant literary texts organized by theme--crime and society, travels and explorations, nature and technology, relationships between the sexes, the Nazi past.

Coreq: GER 311.

**GER 399. Special Studies: [Topic]. 1-5 Credits.**

New topics or approaches appropriate for third-year German proficiency level. Content varies; focus may be on various aspects of German language, literature, or culture and civilization. Repeatable when topic changes.

Coreq: GER 311.

**GER 401. Research: [Topic]. 1-16 Credits.**

Repeatable.

**GER 403. Thesis. 1-12 Credits.**

Repeatable.

**GER 405. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**GER 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**GER 407. Seminar: [Topic]. 1-16 Credits.**

Repeatable. A recent topic is Experimental Poetry.

**GER 408. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**GER 409. Terminal Project. 1-12 Credits.**

Repeatable.

**GER 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Recent topics are Doppelgänger and Nietzsche.

**GER 411. Advanced Language Training. 4 Credits.**

Constant practice in speaking and writing with emphasis on complex syntactic structures as well as idiomatic nuances in German. Grammar.

Prereq: GER 311, GER 312, GER 313.



**GER 412. Advanced Language Training. 4 Credits.**

Constant practice in speaking and writing with emphasis on complex syntactic structures as well as idiomatic nuances in German. Writing. Prereq: GER 311, GER 312, GER 313.

**GER 425. Play Performance: [Topic]. 4 Credits.**

Extensive practice in effective oral communication with emphasis on correct pronunciation. Reading of the play and scene rehearsals in class; public performance at end of term. Repeatable. Prereq: GER 203 or equivalent.

**GER 470. German for Reading Knowledge I. 4 Credits.**

Introduction to the reading of German, introducing most of the major grammatical categories and providing substantial basic and advanced vocabulary training. Students translate passages in their chosen fields.

**GER 503. Thesis. 1-16 Credits.**

Repeatable.

**GER 507. Seminar: [Topic]. 1-16 Credits.**

Repeatable. A recent topic is Experimental Poetry.

**GER 508. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**GER 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Recent topics are Doppelgänger and Nietzsche.

**GER 570. German for Reading Knowledge I. 4 Credits.**

Introduction to the reading of German, introducing most of the major grammatical categories and providing substantial basic and advanced vocabulary training. Students translate passages in their chosen fields.

**GER 601. Research: [Topic]. 1-6 Credits.**

Repeatable.

**GER 603. Dissertation. 1-16 Credits.**

Repeatable.

**GER 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**GER 606. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**GER 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**GER 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**GER 609. Terminal Project. 1-12 Credits.**

Repeatable.

**GER 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**GER 625. Translations-Transformations. 4 Credits.**

Presents the theory and practice of translation and other transformation media (e.g., the sister arts, literature into film). Repeatable when topic changes.

**GER 690. Literary Studies: [Topic]. 4 Credits.**

Research methods, literary theory, history of German literature, and advanced methodology. Typical topics include contemporary theory, major German critics, literature and nonliterary forms. Repeatable when topic changes.

# Global Studies Courses

## Courses

**GLBL 101. Introduction to International Issues. 4 Credits.**

Survey of major political, economic, and cultural themes in international studies through in-class debates on key contemporary issues.

**GLBL 102. Foundations for Intercultural Competence. 4 Credits.**

This course teaches practical skills and analytic frameworks that support safe, respectful, enlightening experiences of intercultural engagement.

**GLBL 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**GLBL 198. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**GLBL 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**GLBL 230. Global Wellbeing. 4 Credits.**

Interdisciplinary introduction to human wellbeing, focusing on health, education, and the environment and the ways they impact wellbeing. Topics will be framed by the larger issue of whether or not something called "wellbeing" is a human universal, as well as how wellbeing can be improved.

**GLBL 240. Perspectives on International Development. 4 Credits.**

Introduction to major ideologies, theories, historical processes, and contemporary challenges in international development. Galvan.

**GLBL 250. Value Systems in Cross-Cultural Perspective. 4 Credits.**

Introduction to value systems of various cultures, focusing on how values relate to religion, forms of social organization, group affiliation, and patterns of conflict resolution.

**GLBL 260. Culture, Capitalism, and Globalization. 4 Credits.**

Cultural and historical perspectives on the development of capitalism as a way of life and its relationship to contemporary global issues and imbalances.

**GLBL 270. Globalization and the Global Economy. 4 Credits.**

Introduction to the study of globalization and the global economy, analyzing ways the global economy is structured and maintained through various political interventions and regimes. This course aims to provide tools for understanding and explaining these structures and their impacts.

**GLBL 280. Global Environmental Issues and Alternatives. 4 Credits.**

Examines root causes of "environmental problems" at local, regional, national, and global scales. Critically compares approaches to addressing international environmental challenges.

**GLBL 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**GLBL 323. Islam and Global Forces. 4 Credits.**

Addresses interactions between global forces and processes in historical and modern Muslim societies and the salience of Islam in contemporary global arenas. Sequence with GBL 423. Offered alternate years.

**GLBL 340. Global Health and Development. 4 Credits.**

Introduction to major issues in global health, their causes and possible solutions, with a focus on the poor in developing countries.

**GLBL 345. Africa Today: Issues and Concerns. 4 Credits.**

Introduces students to current challenges facing African peoples today. Extends survey of Africa courses, and prepares students for more advanced study regarding the African continent.

**GLBL 350. Education and Development. 4 Credits.**

This course will introduce students to the foundational ideas in the field of international and comparative education, and help build a theoretical toolkit of the major approaches scholars utilize when analyzing education from a global perspective.

**GLBL 360. International Cooperation and Conflict. 4 Credits.**

Utilizes case studies and selected themes to examine the root causes, stakeholder perspectives, and attempts to resolve international conflicts.

**GLBL 370. International Human Rights. 4 Credits.**

Survey of human rights, examining diverse perspectives on the concept, practice, and implementation of human rights and human rights regimes.

**GLBL 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**GLBL 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**GLBL 403. Thesis. 1-12 Credits.**

Repeatable.

**GLBL 405. Reading and Conference: [Topic]. 1-12 Credits.**

Repeatable.

**GLBL 406. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**GLBL 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Special topics in international studies.

**GLBL 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**GLBL 409. Terminal Project. 1-12 Credits.**

Repeatable.

**GLBL 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Africa: Development and Social Change. Repeatable when topic changes.

**GLBL 415. The Global Story of Race. 4 Credits.**

Working from a historical and cultural perspective, this course uses global case studies to explore how race came to be a key principle of social organization around the world through colonialism and extractive capitalism, and how it manifests today.

**GLBL 420. Global Community Development. 4 Credits.**

Introduction to communitarian theory and local-level grass-roots development practices. Comparison across North-South divide of efforts to alleviate poverty, promote sustainability, and ensure mobilization and cohesion.

Prereq: GLBL 240.

**GLBL 421. Gender and International Development. 4 Credits.**

Analysis of the changing roles, opportunities, and expectations of Third World women as their societies undergo social upheavals associated with the problematic effects of development.

Prereq: GLBL 240.

**GLBL 422. Aid to Developing Countries. 4 Credits.**

Examines the history and current dynamics of international bilateral and multilateral development assistance, the possibilities and constraints of aid, and other related issues.

Prereq: GLBL 240.

**GLBL 423. Development and the Muslim World. 4 Credits.**

Introduction to discourse on current development in various Muslim societies. Focuses on North Africa, the Middle East, South Asia, and Southeast Asia.

**GLBL 424. United Nations Intervention in Global Crises. 4 Credits.**

Explores the theory and practice of humanitarian aid, peace-building, and development during or after violent conflict. Focuses on work of international organizations in conflict areas or on issues of conflict.

**GLBL 425. Global Food Security. 4 Credits.**

Explores explanations for, and solutions to, persistent inequities in food access. Considers the political, agricultural, economic and humanitarian aspects of the global food system.

**GLBL 431. Cross-Cultural Communication. 4 Credits.**

Focuses on skills and insights needed by professionals working in cross-cultural settings. Considers values, development, education, politics, and environment as central to cross-cultural understanding.

**GLBL 432. Indigenous Cultural Survival. 4 Credits.**

Explores case studies of global indigenous peoples who are facing cultural survival issues and developing strategies and institutions to deal with this complex process.

**GLBL 433. Childhood in Cross-Cultural Perspective. 4 Credits.**

Explores the experience of childhood around the world and examines how this experience is shaped by beliefs about who and what children are and by local conditions and contingencies.

**GLBL 434. Language Issues for International Studies. 4 Credits.**

Explores the influence of language on policy issues in societies around the world relative to nationalism, identity, multilingualism, education, human rights globalization, and language spread and loss.

**GLBL 435. Global Perspectives on Disability. 2 Credits.**

This class uses a human rights paradigm to examine issues facing people with disabilities throughout the world. Readings and discussions will emphasize cross-disability and cross-cultural approaches to gender and disability, international development and disability, inclusive educational models, and cross-cultural aspects of disability.

**GLBL 442. South Asia: Development and Social Change. 4 Credits.**

Introduction to the vast social changes and development issues confronting the South Asian subcontinent.

**GLBL 444. Development and Social Change in Southeast Asia. 4 Credits.**

Introduction to the region and to the complex social issues facing the peoples of Southeast Asia.

**GLBL 445. Development and Social Change in Sub-Saharan Africa. 4 Credits.**

Introduces theoretical and practical aspects of development and social change in sub-Saharan Africa, with focus on key issues in African development during the post-colonial era.

**GLBL 446. Development and Social Change in Latin America. 4 Credits.**

Explores development challenges, debt cycles, urban growth, neoliberalism, populism, socialism, gender, the environment, U.S.–Latin American relations, ecotourism, and drug geographies in the region.

**GLBL 448. Bollywood's Lens on Indian Society. 4 Credits.**

Explores Indian society through film, focusing on critical social issues; depicted vs. the historical reality; and ongoing transformations of social orientations and values.

**GLBL 463. Population Displacement and Global Health. 4 Credits.**

Explores health and mental health problems affecting displaced (migrant and refugee) communities and considers underdevelopment as a fundamental cause of displacement and health problems. Offered once per academic year.

**GLBL 465. Global Reproductive Health. 4 Credits.**

Overview of issues in global reproductive health, including politics, economics, historical and cultural factors. Implications for international health and development programs reviewed. Offered alternate years.

**GLBL 467. Global Mental Health. 4 Credits.**

Overview of global mental health from a critical, anthropological, and historical perspective, with attention to cross-cultural differences in illness experience and treatment options.

**GLBL 503. Thesis. 1-12 Credits.**

Repeatable.

**GLBL 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Special topics in international studies.

**GLBL 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**GLBL 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Africa: Development and Social Change. Repeatable when topic changes.

**GLBL 515. The Global Story of Race. 4 Credits.**

Working from a historical and cultural perspective, this course uses global case studies to explore how race came to be a key principle of social organization around the world through colonialism and extractive capitalism, and how it manifests today.

**GLBL 520. Global Community Development. 4 Credits.**

Introduction to communitarian theory and local-level grass-roots development practices. Comparison across North-South divide of efforts to alleviate poverty, promote sustainability, and ensure mobilization and cohesion.

**GLBL 521. Gender and International Development. 4 Credits.**

Analysis of the changing roles, opportunities, and expectations of Third World women as their societies undergo social upheavals associated with the problematic effects of development.

**GLBL 522. Aid to Developing Countries. 4 Credits.**

Examines the history and current dynamics of international bilateral and multilateral development assistance, the possibilities and constraints of aid, and other related issues.

**GLBL 523. Development and the Muslim World. 4 Credits.**

Introduction to discourse on current development in various Muslim societies. Focuses on North Africa, the Middle East, South Asia, and Southeast Asia.

**GLBL 524. United Nations Intervention in Global Crises. 4 Credits.**

Explores the theory and practice of humanitarian aid, peace-building, and development during or after violent conflict. Focuses on work of international organizations in conflict areas or on issues of conflict.

**GLBL 525. Global Food Security. 4 Credits.**

Explores explanations for, and solutions to, persistent inequities in food access. Considers the political, agricultural, economic and humanitarian aspects of the global food system.

**GLBL 531. Cross-Cultural Communication. 4 Credits.**

Focuses on skills and insights needed by professionals working in cross-cultural settings. Considers values, development, education, politics, and environment as central to cross-cultural understanding.

**GLBL 532. Indigenous Cultural Survival. 4 Credits.**

Explores case studies of global indigenous peoples who are facing cultural survival issues and developing strategies and institutions to deal with this complex process.

**GLBL 533. Childhood in Cross-Cultural Perspective. 4 Credits.**

Explores the experience of childhood around the world and examines how this experience is shaped by beliefs about who and what children are and by local conditions and contingencies.

**GLBL 534. Language Issues for International Studies. 4 Credits.**

Explores the influence of language on policy issues in societies around the world relative to nationalism, identity, multilingualism, education, human rights globalization, and language spread and loss.

**GLBL 535. Global Perspectives on Disability. 2 Credits.**

This class uses a human rights paradigm to examine issues facing people with disabilities throughout the world. Readings and discussions will emphasize cross-disability and cross-cultural approaches to gender and disability, international development and disability, inclusive educational models, and cross-cultural aspects of disability.

**GLBL 542. South Asia: Development and Social Change. 4 Credits.**

Introduction to the vast social changes and development issues confronting the South Asian subcontinent.

**GLBL 544. Development and Social Change in Southeast Asia. 4 Credits.**

Introduction to the region and to the complex social issues facing the peoples of Southeast Asia.

**GLBL 545. Development and Social Change in Sub-Saharan Africa. 4 Credits.**

Introduces theoretical and practical aspects of development and social change in sub-Saharan Africa, with focus on key issues in African development during the post-colonial era.

**GLBL 546. Development and Social Change in Latin America. 4 Credits.**

Explores development challenges, debt cycles, urban growth, neoliberalism, populism, socialism, gender, the environment, U.S.–Latin American relations, ecotourism, and drug geographies in the region.

**GLBL 548. Bollywood's Lens on Indian Society. 4 Credits.**

Explores Indian society through film, focusing on critical social issues; depicted vs. the historical reality; and ongoing transformations of social orientations and values.

**GLBL 563. Population Displacement and Global Health. 4 Credits.**

Explores health and mental health problems affecting displaced (migrant and refugee) communities and considers underdevelopment as a fundamental cause of displacement and health problems. Offered once per academic year.

**GLBL 565. Global Reproductive Health. 4 Credits.**

Overview of issues in global reproductive health, including politics, economics, historical and cultural factors. Implications for international health and development programs reviewed. Offered alternate years.

**GLBL 567. Global Mental Health. 4 Credits.**

Overview of global mental health from a critical, anthropological, and historical perspective, with attention to cross-cultural differences in illness experience and treatment options.

**GLBL 601. Research: [Topic]. 1-12 Credits.**

Repeatable.

**GLBL 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**GLBL 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**GLBL 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**GLBL 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable

**GLBL 609. Terminal Project. 1-12 Credits.**

Repeatable.

**GLBL 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**GLBL 655. International Studies Graduate Core Seminar. 4 Credits.**

Graduate introduction to the field of International Studies, including exploration of development, culture, communication, and research methods, design, and ethics.

**GLBL 656. Research and Writing in International Studies. 1 Credit.**

Focus on conceptualizing research topics; accessing bibliographic databases; writing grant applications, reports, and theses.

**GLBL 657. Proseminar: Proposal Writing. 2 Credits.**

An introduction to thesis proposal writing for first-year graduate students in international studies.

## Graduate Studies Courses

### Courses

**GRST 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**GRST 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**GRST 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**GRST 610. Experimental Course. 1-5 Credits.**

Repeatable.

**GRST 621. Academic Discourse. 4 Credits.**

For international graduate students. Strategies for effective interaction and discussion in academic settings, including lectures, seminars, and campus events. Feedback on intelligibility, accurate language use, and cultural appropriateness.

**GRST 624. Teaching in United States Universities. 4 Credits.**

Strategies for successful communication with undergraduates. Focuses on increasing cross-cultural awareness and developing language and interaction skills for effective instruction. Topics include presenting material, fielding questions, leading discussions, supervising labs.

**GRST 626. Professional Presentations. 4 Credits.**

Concepts and principles of academic and professional presentations for graduate students, focusing primarily on the needs of international students. Includes both theory and application in terms of cultural norms, rhetorical style, and linguistic performance. Repeatable twice for a maximum of 12 credits.

**GRST 631. Graduate and Scholarly Writing I. 4 Credits.**

Prepares first-year international graduate students to write academic papers; emphasis on fluency, organization, discourse conventions, accuracy, documentation, and appropriateness for writing tasks, including summaries, reviews, projects, reports, and research papers.

## Greek Courses

### Courses

**GRK 101. First-Year Greek. 5 Credits.**

Fundamentals of the Attic Greek language; readings in Attic Greek and in koine.

**GRK 102. First-Year Greek. 5 Credits.**

Fundamentals of the Attic Greek language; readings in Attic Greek and in koine.

Prereq: GRK 101 or equivalent.

**GRK 103. First-Year Greek. 5 Credits.**

Fundamentals of the Attic Greek language; readings in Attic Greek and in koine.

Prereq: GRK 102 or equivalent.

**GRK 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**GRK 301. Authors: [Topic]. 4 Credits.**

Second-year Greek: selections from major Greek authors, either Plato or Lysias, with focus on reading and syntax. Repeatable when reading material changes.

**GRK 302. Authors: [Topic]. 4 Credits.**

Second-year Greek: selections from Euripides, with focus on reading and syntax. Repeatable when reading material changes.

**GRK 303. Authors: [Topic]. 4 Credits.**

Second-year Greek: selections from Homer or Hesiod, with focus on reading and syntax. Repeatable when reading material changes.

**GRK 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**GRK 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**GRK 403. Thesis. 1-12 Credits.**

Repeatable.

**GRK 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**GRK 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**GRK 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**GRK 409. Terminal Project. 1-12 Credits.**

Repeatable.

**GRK 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**GRK 411. Authors: [Topic]. 4 Credits.**

Repeatable. Each term devoted to a different author or literary genre: Euripides, Sophocles, Aeschylus, Plato, Aristotle, Demosthenes, Herodotus, Aristophanes, lyric poetry, comedy, pastoral. Repeatable when topic changes.

**GRK 503. Thesis. 1-16 Credits.**

Repeatable.

**GRK 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**GRK 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.



**GRK 510. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**GRK 511. Authors: [Topic]. 4 Credits.**  
Repeatable. Each term devoted to a different author or literary genre: Euripides, Sophocles, Aeschylus, Plato, Aristotle, Demosthenes, Herodotus, Aristophanes, lyric poetry, comedy, pastoral. Repeatable when topic changes.

**GRK 601. Research: [Topic]. 1-16 Credits.**  
Repeatable.

**GRK 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**GRK 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**GRK 607. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**GRK 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**GRK 609. Terminal Project. 1-16 Credits.**  
Repeatable.

**GRK 610. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

## Hebrew Courses

### Courses

**HBRW 199. Special Studies: [Topic]. 1-12 Credits.**  
Repeatable.

**HBRW 311. Biblical Narrative. 4 Credits.**  
Readings in extended narrative prose passages from the Hebrew Bible; emphasis on reading, translation, vocabulary formation, and Hebrew syntax. Taught in Hebrew. Repeatable twice.  
Prereq: HBRW 113 or equivalent.

**HBRW 399. Special Studies: [Topic]. 1-12 Credits.**  
Repeatable.

**HBRW 401. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**HBRW 402. Supervised College Teaching. 1-12 Credits.**  
Repeatable.

**HBRW 403. Thesis. 1-12 Credits.**  
Repeatable.

**HBRW 404. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**HBRW 405. Reading and Conference: [Topic]. 1-12 Credits.**  
Repeatable.

**HBRW 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**HBRW 407. Seminar: [Topic]. 1-16 Credits.**  
Repeatable.

**HBRW 408. Workshop: [Topic]. 1-12 Credits.**  
Repeatable.

**HBRW 409. Terminal Project. 1-12 Credits.**  
Repeatable.

**HBRW 410. Experimental Course: [Topic]. 1-16 Credits.**  
Repeatable.

**HBRW 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

## Historic Preservation Courses

### Courses

**AAAP 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**AAAP 400M. Temporary Multilisted Course. 1-5 Credits.**  
Repeatable.

**AAAP 404. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**AAAP 405. Special Problems: [Topic]. 1-12 Credits.**  
Repeatable when topic changes.

**AAAP 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**AAAP 407. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**AAAP 408. Workshop: [Topic]. 1-5 Credits.**  
Repeatable up to five times.

**AAAP 410. Experimental Course: [Topic]. 1-5 Credits.**  
Current topics are American Building Construction, American Architecture from a Preservation Perspective, Research Methods. Repeatable.

**AAAP 411. Introduction to Historic Preservation. 3 Credits.**  
History, evolution, modern concepts, and professional techniques of historic preservation.

**AAAP 421. American Architecture from a Preservation Perspective I. 4 Credits.**  
American built environment from the colonial era to the federal period. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

**AAAP 422. American Architecture from a Preservation Perspective II. 4 Credits.**  
American built environment from the federal period to 1893. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

**AAAP 423. American Architecture from a Preservation Perspective III. 4 Credits.**  
American built environment from 1893 to the present. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

**AAAP 431. National Register Nomination. 3 Credits.**  
Provides information and instruction on all aspects of the National Register program and process. Facilitates completion of registration form.  
Prereq: AAAP 411.

**AAAP 438. Building Pathology: Wood. 4 Credits.**  
Examines scientific fundamentals of material wood properties in building construction and the application of that knowledge to preservation of wood in historic buildings.

**AAAP 441. Legal Issues in Historic Preservation. 3 Credits.**  
Examines constitutional, statutory, and common law affecting historic preservation. Covers First Amendment, eminent domain, due process, police powers, regulatory "takings," and aesthetic zoning.



**AAAP 451. Historic Survey and Inventory Methodology. 3 Credits.**  
Examines how historic inventories help communities plan for wise use of historic resources. Includes complete reconnaissance and survey documentation for historic properties and development of historic context statement.

**AAAP 500M. Temporary Multilisted Course. 1-5 Credits.**  
Repeatable.

**AAAP 503. Thesis. 1-12 Credits.**  
Repeatable.

**AAAP 507. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**AAAP 508. Workshop: [Topic]. 1-5 Credits.**  
Repeatable up to five times.

**AAAP 510. Experimental Course: [Topic]. 1-5 Credits.**  
Current topics are American Building Construction, American Architecture from a Preservation Perspective, Research Methods. Repeatable.

**AAAP 511. Introduction to Historic Preservation. 3 Credits.**  
History, evolution, modern concepts, and professional techniques of historic preservation.

**AAAP 521. American Architecture from a Preservation Perspective I. 4 Credits.**  
American built environment from the colonial era to the federal period. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

**AAAP 522. American Architecture from a Preservation Perspective II. 4 Credits.**  
American built environment from the federal period to 1893. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

**AAAP 523. American Architecture from a Preservation Perspective III. 4 Credits.**  
American built environment from 1893 to the present. Stylistic development and building analysis for preservation; cultural, historical, and physical contexts within building forms.

**AAAP 531. National Register Nomination. 3 Credits.**  
Provides information and instruction on all aspects of the National Register program and process. Facilitates completion of registration form. Prereq: AAAP 511.

**AAAP 538. Building Pathology: Wood. 4 Credits.**  
Examines scientific fundamentals of material wood properties in building construction and the application of that knowledge to preservation of wood in historic buildings.

**AAAP 541. Legal Issues in Historic Preservation. 3 Credits.**  
Examines constitutional, statutory, and common law affecting historic preservation. Covers First Amendment, eminent domain, due process, police powers, regulatory "takings," and aesthetic zoning.

**AAAP 551. Historic Survey and Inventory Methodology. 3 Credits.**  
Examines how historic inventories help communities plan for wise use of historic resources. Includes complete reconnaissance and survey documentation for historic properties and development of historic context statement.

**AAAP 601. Research: [Topic]. 1-6 Credits.**  
Repeatable.

**AAAP 604. Internship: [Topic]. 1-9 Credits.**  
Repeatable.

**AAAP 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**AAAP 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**AAAP 607. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**AAAP 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**AAAP 609. Terminal Project. 1-16 Credits.**  
Repeatable.

**AAAP 610. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**AAAP 611. Terminal Project. 1-12 Credits.**  
Repeatable.

## History Courses

### Courses

**HIST 102. Making Modern Europe. 4 Credits.**  
Historical development of Europe; major changes in value systems, ideas, social structures, economic institutions, and forms of political life. From the Renaissance to Napoleon.

**HIST 103. Europe and the World. 4 Credits.**  
Historical development of the Western world; major changes in value systems, ideas, social structures, economic institutions, and forms of political life. From Napoleon to the present.

**HIST 104. World History. 4 Credits.**  
Survey of world cultures and civilizations and their actions. Includes study of missionary religions, imperialism, economic and social relations. Ancient societies.

**HIST 105. World History. 4 Credits.**  
Survey of world cultures and civilizations and their actions. Includes study of missionary religions, imperialism, economic and social relations. Early modern.

**HIST 106. World History. 4 Credits.**  
Survey of world cultures and civilizations and their actions. Includes study of missionary religions, imperialism, economic and social relations. Modern.

**HIST 186. Cultures of India. 4 Credits.**  
Introduces students to the historical study of culture in the Indian subcontinent.

**HIST 190. Foundations of East Asian Civilizations. 4 Credits.**  
Introduction to traditional China and Japan; Confucianism, Buddhism, Daoism; floating worlds; family and gender; traditional views of the body; literati class; samurai; Mongols and Manchus.

**HIST 191. China, Past and Present. 4 Credits.**  
Introduction to Chinese culture. Explores meanings of past and present in 20th-century efforts to modernize China. Chronological and topical inquiry into politics, literature, social structure, gender, art, economy.

**HIST 192. Japan, Past and Present. 4 Credits.**  
Introduction to Japanese culture. Explores myth, tradition, modernity, and postmodernity with one eye trained on the future. Examples from personal experience.

**HIST 199. Special Studies: [Topic]. 1-5 Credits.**

Problem-oriented course designed for students interested in history who might or might not become majors. Repeatable.

**HIST 201. Inventing America. 4 Credits.**

Development of the North American continent socially, economically, politically, culturally. Native America, European colonization, colonial development, origins of slavery, Revolution, early Republic.

**HIST 202. Building the United States. 4 Credits.**

Creation and development of the United States and its social, economical, political, and cultural consequences. Jacksonian era, expansion, commercial and industrial revolution, slavery, Civil War, Reconstruction, Gilded Age, imperialism, and the Progressive Era.

**HIST 203. American Century. 4 Credits.**

Creation and development of the so-called "American Century" socially, economically, politically, culturally. Imperialism, progressivism, modernity, the 1920s, Depression and New Deal, world wars and Cold War, 1960s, and recent developments.

**HIST 211. Reacting to the Past. 4 Credits.**

Centers on complex, exciting role-playing simulations of decisive historical events and the development of key analytical skills in close readings of classic texts.

**HIST 215. Food in World History. 4 Credits.**

Surveys the development of eating practices, tastes, foodstuffs, and culinary philosophies from early human history to the present in diverse parts of the world.

**HIST 221. Sex in History. 4 Credits.**

Introduces students to the history of sexuality. Comparative overview of sexual politics, ethics, and identities in diverse societies from the ancient world to the present.

**HIST 240. War in the Modern World I. 4 Credits.**

Evolution of the conduct of war in the 19th and 20th centuries as a reflection of social, political, and technological developments.

**HIST 241. War in the Modern World II. 4 Credits.**

Surveys changes in the nature and conduct of warfare in light of social, political, and technological developments from 1945 to present.

**HIST 245. Russia, America, and the World. 4 Credits.**

The United States and Russia share historical experiences that extend far beyond diplomacy, trade, and international adversity or alliance. Includes frontier expansion, revolution, industrialization, imperialism, world view.

**HIST 248. Latinos in the Americas. 4 Credits.**

Explores historical experiences of Latino groups, emphasizing Mexican and Caribbean migrations. Lectures in English; readings and discussions in English, Spanish, and Spanglish. Three years of high school Spanish, SPAN 103 with a grade of C or better, or raised in a bilingual household recommended.

**HIST 250. African American History. 4 Credits.**

The African background, development of slavery, abolitionism, the Civil War and Reconstruction.

**HIST 251. African American History. 4 Credits.**

The 20th-century African American experience including the great migration, World War II, the Civil Rights Movement, post-1970 African America.

**HIST 273. Introduction to Global Environmental History. 4 Credits.**

Introduction to concepts, concerns, and methods of environmental history.

**HIST 286. Cities in India and South Asia. 4 Credits.**

This course examines the economic, cultural and social dimensions of cities in the subcontinent of India with comparisons from other Asian and North American cities.

**HIST 290. Historian's Craft. 4 Credits.**

Gateway course to the History major. Explores the diverse meanings and methods of modern historical interpretation. Trains students to work with original historical sources and become more effective consumers and producers of historical writing, preparing them for upper-division coursework.

**HIST 301. Modern Europe. 4 Credits.**

Political, social, cultural, intellectual, and economic trends from the 18th century to the present. 18th century. McCole.

**HIST 302. Modern Europe. 4 Credits.**

Political, social, cultural, intellectual, and economic trends in the 19th century.

**HIST 303. Modern Europe. 4 Credits.**

Political, social, cultural, intellectual, and economic trends in the 20th century.

**HIST 308. History of Women in the United States I. 4 Credits.**

Survey of the diverse experiences of American women from 1600 to 1870.

**HIST 309. History of Women in the United States II. 4 Credits.**

Survey of the diverse experiences of American women from 1870 to present.

**HIST 317. Migrants and Refugees in Modern World History. 4 Credits.**

Human beings have always moved; the system of borders and passports to regulate that movement is just a few centuries old. This course gives students historical tools and reference points to help them better understand the controversial issues surrounding international migration in the world today.

**HIST 320. High Middle Ages in Europe. 4 Credits.**

Changes that swept Europe from 1000 to 1225, including the rise of towns and universities, new spiritual and artistic visions, and varieties of religious and social reform.

**HIST 321. Late Middle Ages in Europe. 4 Credits.**

A survey of Europe, 1250-1430, the age of Dante and the Black Death, when breakthroughs alternated with disasters in the realms of politics, economics, and religion.

**HIST 325. Precolonial Africa. 4 Credits.**

Survey of African history to the mid-19th century, analyzing processes of state formation, regional and long-distance trade, religion, oral tradition, and systems of slavery.

**HIST 326. Colonial and Postcolonial Africa. 4 Credits.**

Survey of African history from the late 1800s to the turn of the 21st century. Emphasis is on the internal dynamics of change as well as the effects of colonialism and global interaction.

**HIST 337. France. 4 Credits.**

1870 to the present—the Paris Commune and Third Republic; the Dreyfus affair; popular front, fall of France and Resistance; Algeria, de Gaulle, the 1968 student movement.

**HIST 340. US Military History. 4 Credits.**

Survey of US military history from the colonial period to the present with a focus on the organization, operations, and strategy of the US Army in wartime.

**HIST 342. German History: [Topic]. 4 Credits.**

Middle Ages to the end of the 20th century. I: Middle Ages and Reformation (1410–1648). II: Germany in the Old Regime and Age of Revolution (1648–1848). III: Modern Germany (1848–present). Repeatable twice when topic changes for a maximum of 12 credits.

**HIST 346. Imperial Russia. 4 Credits.**

Siberian and North American expansion; Peter the Great; Catherine the Great; abolition of serfdom; industrialization; Silver Age culture and revolution; World War I and collapse.

**HIST 347. Soviet Union and Contemporary Russia. 4 Credits.**

Examines the rise, development, and collapse of the Soviet Union, the world's first communist regime. Topics include the Russian Revolution, Stalinism, war, culture, and society.

**HIST 351. American Radicalism. 4 Credits.**

Motives, strategies, successes, and failures of radical movements and their significance for American society. Workers' movements, socialism, communism, African American freedom struggle, nationalist movements of people of color, feminism, student activism.

**HIST 352. The United States in the 1960s. 4 Credits.**

Exploration of a watershed era: civil rights, student activism, educational crisis, Vietnam War, gender revolution, environmentalism.

**HIST 361. Early Modern Science. 4 Credits.**

Explores the subject, practice, and social place of science in the early modern world.

**HIST 362. History of US Cities. 4 Credits.**

Course introduces students to the history of one of the most fascinating and contradictory social forms of the modern world. Students learn about the cities of the United States from a variety of perspectives, including urban planning, power and politics, and segregation and inequality.

**HIST 363. American Business History. 4 Credits.**

American businesses from their colonial origins to the present. Interaction between the political, social, economic, and ideological environment and the internal structure and activities of business enterprises.

**HIST 368. American West in Popular Culture. 4 Credits.**

Examines the idea of the West in the American imagination as expressed in popular literature, captivity narratives, dime novels, travel literature, art, Wild West shows, films, and television.

**HIST 378. American Environmental History to 1890. 4 Credits.**

Considers how humans and their natural environments have interacted and reshaped each other through time from 1491 to 1890.

**HIST 379. American Environmental History, 1890-Present. 4 Credits.**

Focuses on environmental change and the rise of environmental politics from the Progressive Era to the present.

**HIST 380. Latin America. 4 Credits.**

Major economic, political, and cultural trends and continuities. Pre-Columbian and Iberian history, the colonial period up to 1750. Prereq: Sophomore standing recommended.

**HIST 381. Latin America. 4 Credits.**

Major economic, political, and cultural trends and continuities. Transition from late colonial mercantilism to political independence and national definition, 1750–1910. Prereq: Sophomore standing recommended.

**HIST 382. Latin America, 1910 to the Present. 4 Credits.**

A survey of major economic, political, social, and cultural changes in Latin America since 1910.

**HIST 383. Soccer and Society in Latin America. 4 Credits.**

Exploring the complexities of Latin American societies using soccer as a historical, cultural, and sociological window to issues of race, class, gender, and national identity.

**HIST 386. India. 4 Credits.**

This course will survey the history of the Indian subcontinent as both a colony of Britain and then as a cluster of independent countries in the 20th and 21st centuries.

**HIST 387. Early China. 4 Credits.**

Survey from the beginnings to the 10th century focuses on the development of Chinese thought and religion and the growth of the imperial state and bureaucracy.

**HIST 388. Vietnam War and the United States. 4 Credits.**

Vietnamese society and history: the First Indochina War, origins and escalation of United States involvement in Vietnam; de-escalation and defeat.

**HIST 396. Samurai in Film. 4 Credits.**

Examination of the image of Japan's warrior class, the most prominent social group in Japan for over seven centuries. Combines films, readings, and lectures.

**HIST 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**HIST 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**HIST 401. Research: [Topic]. 1-9 Credits.**

Repeatable.

**HIST 402. Supervised Tutoring. 1-4 Credits.**

Repeatable four times for maximum of 8 credits.

**HIST 403. Thesis. 1-9 Credits.**

Repeatable.

**HIST 404. Internship: [Topic]. 1-3 Credits.**

Repeatable once for a maximum of 6 credits.

**HIST 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**HIST 407. Seminar: [Topic]. 5 Credits.**

Recent topics include History of Los Angeles, Modern Japanese Culture, Rethinking America in the 1960s, and Stalinism. Repeatable.

**HIST 408. Workshop: [Topic]. 1-12 Credits.**

Current topics include Southeast Asia Interpretations. Repeatable.

**HIST 409. Terminal Project. 1-12 Credits.**

Repeatable.

**HIST 410. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**HIST 411. Advanced Reacting to the Past: [Topic]. 4 Credits.**

Intensive exploration of historical events through interactive games. Possible topics include U.S. Constitutional Convention, French Revolution, Democracy in Athens, India 1947. Repeatable once for a maximum of 8 credits when topic changes.

**HIST 412. Ancient Greece: [Topic]. 4 Credits.**

Political, cultural, and intellectual history of ancient Greece; emphasis on urban culture. I: Classical Greece. II: Hellenistic World. III: Greek Science. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 414. Ancient Rome: [Topic]. 4 Credits.**

Political, social, cultural, and intellectual history of ancient Rome from its foundation to late antiquity; emphasis on urban culture. I: Roman Republic. II: Roman Empire. III: Roman Society. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 415. Advanced World History: [Topic]. 4 Credits.**

Advanced intensive study of selected issues in world history. Possible topics include biology and ecology, ancient empires, or intercultural encounters. Repeatable three times for a maximum of 16 credits when topic changes.

**HIST 416. Advanced Women's History: [Topic]. 4 Credits.**

Intensive study of select issues in women's history. Emphasis on the construction of their diverse identities; the framework for political, social, and economic empowerment; the historical development of gendered categories. Offered alternate years. Repeatable twice for a maximum of 12 credits when topic changes.

**HIST 417. Society and Culture in Modern Africa: [Topic]. 4 Credits.**

Explorations in various topics with attention to class, gender, and generational and political struggles. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 419. African Regional Histories: [Topic]. 4 Credits.**

Examines the historiography of specific nations or regions. Repeatable twice for a maximum of 12 credits.

**HIST 427. Intellectual History of Modern Europe: [Topic]. 4 Credits.**

Major thinkers and movements include classical liberalism, utopian socialism, political economy, Marxism, aestheticism, Nietzsche, classical sociology, psychoanalysis, radical conservatism, Keynesian economics, intellectuals and political engagement, and Western Marxism. I: German Intellectual History. II: Ideas and Society, 19th Century. III: Ideas and Society, 20th Century. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 428. Europe in the 20th Century: [Topic]. 4 Credits.**

War, revolution, social change, political transformation, and related intellectual and cultural developments in Europe from the Great War of 1914–18 through the present. I: European Fascism. II: Jews in Modern Europe. III: Eastern Europe since World War I. IV: Europe since 1945. Repeatable when chronological or thematic topic changes.

**HIST 436. Medieval Central Europe: [Topic]. 4 Credits.**

Selected topics in the political, cultural, religious and economic history of Germany and neighboring peoples during the Middle Ages, from the eighth through 13th centuries. Offered alternate years. Repeatable three times for a maximum of 16 credits when topic changes.

**HIST 441. 16th-Century European Reformations. 4 Credits.**

History of religious, personal, and institutional reforms. Includes late medieval reform movements and the ideas of Erasmus, Luther, Calvin, Ignatius Loyola, and Teresa of Avila.

**HIST 442. Early Modern German History: [Topic]. 4 Credits.**

Topics include peasant society, the foundations of absolutism, the German Enlightenment, protoindustrialization. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 443. Modern Germany: [Topic]. 4 Credits.**

Topics include class formation, revolutionary movements, the socialist tradition, the Third Reich. Repeatable twice for a maximum of 12 credits when topic changes.

**HIST 444. The Holocaust. 4 Credits.**

Surveys history of Nazi genocide, focusing on terror and complicity in formation of racial policy; and on perceptions of Nazi anti-Semitism as the Holocaust was occurring.

**HIST 446. Modern Russia: [Topic]. 4 Credits.**

Explores topics such as the intellectual and cultural history of Russia from the revolution to recent times. Repeatable twice for a maximum of 12 credits.

**HIST 449. Race and Ethnicity in the American West. 4 Credits.**

Explores the growth of communities of color in western cities of the United States, with particular reference to competition and cooperation between groups.

**HIST 450. The Iraq War. 4 Credits.**

A history of the Iraq War including the US decision to invade, the subsequent civil war, the rise and fall of the Islamic State in Iraq and Syria (ISIS), and beyond.

**HIST 455. Colonial American History. 4 Credits.**

Native Americans; motives, methods, implications of European colonization; origins of American slavery; interaction of diverse peoples in shaping colonial North American societies, economies, landscapes, politics.

**HIST 456. Revolutionary America. 4 Credits.**

Origins, consequences, meanings of American Revolution; changing social, economic, and political contexts; intellectual, religious, and ideological trends; Constitution; institutional, social, and cultural legacy.

**HIST 457. 19th-Century United States: [Topic]. 4 Credits.**

Political, social, economic, and cultural history. I: Jacksonian Era. II: Civil War. III: Reconstruction. IV: Gilded Age. Repeatable thrice when topic changes for maximum of 16 credits.

**HIST 463. American Economic History: [Topic]. 4 Credits.**

Varying topics on the economic development of the United States as a preindustrial, industrial, and postindustrial society. I: The Great Depression. II: Industrialization. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 466. The American West. 4 Credits.**

Social, political, and cultural history. Peoples of the American West and the expansion of the United States in the 19th century.

**HIST 467. The American West. 4 Credits.**

Social, political, and cultural history. 20th-century immigration, urban growth, economic development; social and political institutions; politics of race, ethnicity, and gender in a multicultural region.

**HIST 468. The Pacific Northwest. 4 Credits.**

Regional history to the mid-20th century. How the Pacific Northwest mirrors the national experience and how the region has a distinctive history and culture.

**HIST 469. American Indian History: [Topic]. 4 Credits.**

Variable chronological, thematic, and regional topics, including Indian history to 1860; 1860 to the present; Indians and colonialism; Indians and environments; Indians and gender; regional histories. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 470. African American History to 1877: [Topic]. 4 Credits.**

Explores aspects of the African American experience in the era of slavery and Reconstruction. Repeatable twice when the topic changes for a maximum of 12 credits.



**HIST 471. African American History since 1877: [Topic]. 4 Credits.**

In-depth exploration of specific topics in African American history from the late 19th century to the present. Repeatable twice when the topic changes for a maximum of 12 credits.

**HIST 473. American Environmental History: [Topic]. 4 Credits.**

Variable topics examine the social, cultural, economic, and political history of the American landscape; how Americans have understood, transformed, degraded, conserved, and preserved their environments. I: To 1800. II: 19th Century. III: 20th-Century Environment and Environmentalism. IV: Environment and the West. Repeatable thrice when topic changes for maximum of 16 credits.

**HIST 483. Latin America: [Topic]. 4 Credits.**

Variable topics include the experience of blacks and Indians; the struggle for land, reform, and revolution. Repeatable thrice when topic changes for maximum of 16 credits.

**HIST 487. China: [Topic]. 4 Credits.**

Survey from the 10th century. Foundations and transformations of state and society; popular rebellions; impact of imperialism; issues of modernity; state building; political, cultural, and social revolutions. I: Song and Yuan. II: Ming and Qing. III: Late Qing. IV: Republican China. V: China since 1949. Repeatable thrice when topic changes for maximum of 16 credits.

**HIST 490. Japan: [Topic]. 4 Credits.**

Political, social, and cultural history from ancient through contemporary. Origins, aristocratic society, medieval age, Zen, warrior class, urban growth, modernization, imperialism, Pacific war, postwar society. I: Classical Age. II: Shogun's Japan, 1550–1800. III: Modern Age. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 491. Medicine and Society in Premodern Japan. 4 Credits.**

Examines the interweaving of folk, Buddhist, Chinese, and Dutch influences. Diseases, knowledge, sexual hygiene, and medical challenges in social context.

**HIST 497. Culture, Modernity, and Revolution in China: [Topic]. 4 Credits.**

I: Modernity and Gender. II: Cultural Revolution and Memory. III: Historiography of the Communist Revolution. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 498. Early Japanese Culture and Society: [Topic]. 4 Credits.**

Aspects of social history through 1800—social change, hierarchy and power, interrelationship of society and religion, medieval transformations, warrior class. I: Buddhism and Society in Medieval Japan. II: Samurai and War. III: Medieval Japan. Repeatable twice when topic changes for maximum of 12 credits.

Prereq: Courses on Japanese or medieval history recommended.

**HIST 500M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**HIST 503. Thesis. 1-12 Credits.**

Repeatable.

**HIST 507. Seminar: [Topic]. 5 Credits.**

Repeatable. Recent topics include History of Los Angeles, Modern Japanese Culture, Rethinking America in the 1960s, and Stalinism.

**HIST 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**HIST 510. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**HIST 512. Ancient Greece: [Topic]. 4 Credits.**

Political, cultural, and intellectual history of ancient Greece; emphasis on urban culture. I: Classical Greece. II: Hellenistic World. III: Greek Science. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 514. Ancient Rome: [Topic]. 4 Credits.**

Political, social, cultural, and intellectual history of ancient Rome from its foundation to late antiquity; emphasis on urban culture. I: Roman Republic. II: Roman Empire. III: Roman Society. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 515. Advanced World History: [Topic]. 4 Credits.**

Advanced intensive study of selected issues in world history. Possible topics include biology and ecology, ancient empires, or intercultural encounters. Repeatable three times for a maximum of 16 credits when topic changes.

**HIST 516. Advanced Women's History: [Topic]. 4 Credits.**

Intensive study of select issues in women's history. Emphasis on the construction of their diverse identities; the framework for political, social, and economic empowerment; the historical development of gendered categories. Offered alternate years. Repeatable twice for a maximum of 12 credits when topic changes.

**HIST 527. Intellectual History of Modern Europe: [Topic]. 4 Credits.**

Major thinkers and movements include classical liberalism, utopian socialism, political economy, Marxism, aestheticism, Nietzsche, classical sociology, psychoanalysis, radical conservatism, Keynesian economics, intellectuals and political engagement, and Western Marxism. I: German Intellectual History. II: Ideas and Society, 19th Century. III: Ideas and Society, 20th Century. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 528. Europe in the 20th Century: [Topic]. 4 Credits.**

War, revolution, social change, political transformation, and related intellectual and cultural developments in Europe from the Great War of 1914-18 through the present. I: European Fascism. II: Jews in Modern Europe. III: Eastern Europe since World War I. IV: Europe since 1945. Repeatable when chronological or thematic topic changes.

**HIST 536. Medieval Central Europe: [Topic]. 4 Credits.**

Selected topics in the political, cultural, religious and economic history of Germany and neighboring peoples during the Middle Ages, from the eighth through 13th centuries. Offered alternate years. Repeatable three times for a maximum of 16 credits when topic changes.

**HIST 541. 16th-Century European Reformations. 4 Credits.**

History of religious, personal, and institutional reforms. Includes late medieval reform movements and the ideas of Erasmus, Luther, Calvin, Ignatius Loyola, and Teresa of Avila.

**HIST 542. Early Modern German History: [Topic]. 4 Credits.**

Topics include peasant society, the foundations of absolutism, the German Enlightenment, protoindustrialization. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 543. Modern Germany: [Topic]. 4 Credits.**

Topics include class formation, revolutionary movements, the socialist tradition, the Third Reich. Repeatable twice for a maximum of 12 credits when topic changes.

**HIST 544. The Holocaust. 4 Credits.**

Surveys history of Nazi genocide, focusing on terror and complicity in formation of racial policy; and on perceptions of Nazi anti-Semitism as the Holocaust was occurring.



**HIST 546. Modern Russia: [Topic]. 4 Credits.**

Explores topics such as the intellectual and cultural history of Russia from the revolution to recent times. Repeatable twice for a maximum of 12 credits.

**HIST 550. The Iraq War. 4 Credits.**

A history of the Iraq War including the US decision to invade, the subsequent civil war, the rise and fall of the Islamic State in Iraq and Syria (ISIS), and beyond.

**HIST 555. Colonial American History. 4 Credits.**

Native Americans; motives, methods, implications of European colonization; origins of American slavery; interaction of diverse peoples in shaping colonial North American societies, economies, landscapes, politics.

**HIST 556. Revolutionary America. 4 Credits.**

Origins, consequences, meanings of American Revolution; changing social, economic, and political contexts; intellectual, religious, and ideological trends; Constitution; institutional, social, and cultural legacy.

**HIST 557. 19th-Century United States: [Topic]. 4 Credits.**

Political, social, economic, and cultural history. I: Jacksonian Era. II: Civil War. III: Reconstruction. IV: Gilded Age. Repeatable thrice when topic changes for maximum of 16 credits.

**HIST 563. American Economic History: [Topic]. 4 Credits.**

Varying topics on the economic development of the United States as a preindustrial, industrial, and postindustrial society. I: The Great Depression. II: Industrialization. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 566. The American West. 4 Credits.**

Social, political, and cultural history. Peoples of the American West and the expansion of the United States in the 19th century.

**HIST 567. The American West. 4 Credits.**

Social, political, and cultural history. 20th-century immigration, urban growth, economic development; social and political institutions; politics of race, ethnicity, and gender in a multicultural region.

**HIST 568. The Pacific Northwest. 4 Credits.**

Regional history to the mid-20th century. How the Pacific Northwest mirrors the national experience and how the region has a distinctive history and culture.

**HIST 569. American Indian History: [Topic]. 4 Credits.**

Variable chronological, thematic, and regional topics, including Indian history to 1860; 1860 to the present; Indians and colonialism; Indians and environments; Indians and gender; regional histories. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 570. African American History to 1877: [Topic]. 4 Credits.**

Explores aspects of the African American experience in the era of slavery and Reconstruction. Repeatable twice when topic changes for a maximum of 12 credits.

**HIST 571. African American History since 1877: [Topic]. 4 Credits.**

In-depth exploration of specific topics in African American history from the late 19th century to the present. Repeatable twice when the topic changes for a maximum of 12 credits.

**HIST 573. American Environmental History: [Topic]. 4 Credits.**

Variable topics examine the social, cultural, economic, and political history of the American landscape; how Americans have understood, transformed, degraded, conserved, and preserved their environments. I: To 1800. II: 19th Century. III: 20th-Century Environment and Environmentalism. IV: Environment and the West. Repeatable thrice when topic changes for maximum of 16 credits.

**HIST 583. Latin America: [Topic]. 4 Credits.**

Variable topics include the experience of blacks and Indians; the struggle for land, reform, and revolution. Repeatable thrice when topic changes for maximum of 16 credits.

**HIST 587. China: [Topic]. 4 Credits.**

Survey from the 10th century. Foundations and transformations of state and society; popular rebellions; impact of imperialism; issues of modernity; state building; political, cultural, and social revolutions. I: Song and Yuan. II: Ming and Qing. III: Late Qing. IV: Republican China. V: China since 1949. Repeatable thrice when topic changes for maximum of 16 credits.

**HIST 590. Japan: [Topic]. 4 Credits.**

Political, social, and cultural history from ancient through contemporary. Origins, aristocratic society, medieval age, Zen, warrior class, urban growth, modernization, imperialism, Pacific war, postwar society. I: Classical Age. II: Shogun's Japan, 1550–1800. III: Modern Age. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 591. Medicine and Society in Premodern Japan. 4 Credits.**

Examines the interweaving of folk, Buddhist, Chinese, and Dutch influences. Diseases, knowledge, sexual hygiene, and medical challenges in social context.

**HIST 597. Culture, Modernity, and Revolution in China: [Topic]. 4 Credits.**

I: Modernity and Gender. II: Cultural Revolution and Memory. III: Historiography of the Communist Revolution. Repeatable twice when topic changes for maximum of 12 credits.

**HIST 598. Early Japanese Culture and Society: [Topic]. 4 Credits.**

Aspects of social history through 1800—social change, hierarchy and power, interrelationship of society and religion, medieval transformations, warrior class. I: Buddhism and Society in Medieval Japan. II: Samurai and War. III: Medieval Japan. Repeatable twice when topic changes for maximum of 12 credits.

Prereq: Courses on Japanese or medieval history recommended.

**HIST 601. Research: [Topic]. 1-9 Credits.**

Repeatable.

**HIST 603. Dissertation. 1-12 Credits.**

Repeatable.

**HIST 604. Internship: [Topic]. 1-3 Credits.**

Repeatable once for a maximum of 6 credits.

**HIST 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**HIST 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**HIST 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**HIST 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**HIST 609. Terminal Project. 1-16 Credits.**

Repeatable.

**HIST 610. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**HIST 611. Field Readings. 5 Credits.**

Independent study designed to ground students in major works and issues of their chosen field. Intensive study, based on a substantial reading list, requiring substantial written work.

**HIST 612. Historical Methods and Writings. 5 Credits.**

Introduction to the historical profession; includes historical questions, methods, and theories, and historiographic debates. Sequence.

**HIST 615. Professional Development. 1 Credit.**

Promotes understanding of the history profession and development of professional skills through a variety of activities—workshops on research and writing, critiques of scholarly presentations, discussion of the academic job market. Offered once per academic year.

**HIST 616. Graduate Student Conference. 1 Credit.**

Designed to build on work from HIST 612 and HIST 615 courses. Promotes understanding of history profession, standards, protocols; plan and host conference. Offered once per academic year.

**HIST 618. Comprehensive Exam Preparation. 5 Credits.**

Independent readings with faculty members to discuss a predetermined reading list in preparation for PhD comprehensive examination.

**HIST 619. Dissertation Prospectus. 5 Credits.**

Independent research under the direction of student's adviser with the specific aim of producing a defensible dissertation prospectus.

## Honors College Courses

### Courses

**HC 101H. Liberal Arts: [Topic]. 4 Credits.**

This course will introduce students to the intellectual culture of liberal arts scholarship and provide a foundation in academic reading, analysis, and writing.

**HC 199H. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**HC 221H. Arts and Letters Inquiry: [Topic]. 4 Credits.**

Introduction to critical inquiry in Arts and Letters fields such as literature, philosophy, language, religion, and the visual and performing arts. In this writing-intensive course students will use disciplinary methodologies to develop skills in evidence-based argument.

**HC 222H. Honors College Arts and Letters. 4 Credits.**

Literary history and modes of literary analysis and interpretation: modern literature.

**HC 223H. Honors College Arts and Letters. 4 Credits.**

Research in literature.

**HC 231H. Social Science Inquiry: [Topic]. 4 Credits.**

Introduction to critical inquiry in Social Science fields such as history, economics, anthropology, sociology, political science, law, business, geography, communication, and education. In this writing-intensive course students will use disciplinary methodologies to develop skills in evidence-based argument.

**HC 232H. Honors College Social Science. 4 Credits.**

Introduction to methods of historical inquiry and to major historical trends in a global framework; focuses on modern history.

**HC 233H. Honors College Social Science. 4 Credits.**

Research in history.

**HC 241H. Scientific Inquiry: [Topic]. 4 Credits.**

Introduction to critical inquiry in science fields such as chemistry, earth science, biology, mathematics, physics, engineering, neuroscience, biological anthropology, data science, and human physiology. In this writing-intensive course students will use disciplinary methodologies to develop skills in evidence-based argument.

**HC 277H. Thesis Orientation. 2 Credits.**

Introduction to the Clark Honors College thesis process; provides an overview of early steps and preparatory activities for the thesis.

**HC 301H. Research and Writing: [Topic]. 4 Credits.**

An introduction to research including development of research questions, methodology, analysis, and presentation of results.

Prereq: HC 221H, HC 231H, HC 241H.

**HC 399H. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**HC 401H. Research: [Topic]. 1-21 Credits.**

Repeatable.

**HC 403H. Thesis. 1-21 Credits.**

Repeatable.

**HC 404H. Internship: [Topic]. 1-16 Credits.**

Repeatable twice for a maximum of 16 credits.

**HC 405H. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**HC 406H. Practicum: [Topic]. 1-21 Credits.**

Repeatable.

**HC 407H. Seminar: [Topic]. 1-5 Credits.**

Repeatable. The 2-credit thesis seminar supports early work on the honors thesis.

**HC 408H. Workshop: [Topic]. 1-12 Credits.**

Topics include Thesis Orientation. Repeatable.

**HC 409H. Terminal Project. 1-21 Credits.**

Repeatable.

**HC 410H. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**HC 421H. Honors College Arts and Letters Colloquium: [Topic]. 4 Credits.**

Repeatable. Offered in a range of topics with an emphasis on arts and letters. Repeatable thrice when topic changes for a maximum of 16 credits.

**HC 431H. Honors College Social Science Colloquium: [Topic]. 4 Credits.**

Offered in a range of topics with an emphasis on social science. Repeatable thrice when topic changes for a maximum of 16 credits.

**HC 434H. Honors College Global Perspectives Colloquium: [Topic]. 4 Credits.**

Topics center encountering and critically reflecting upon cultures, identities, and ways of being in global contexts beyond the United States. Each course will include substantial scholarship, cultural production, perspectives, and voices from members of communities under study, as sources permit. Repeatable thrice when topic changes.

**HC 441H. Honors College Science Colloquium: [Topic]. 4 Credits.**

Offered in a range of topics with an emphasis on science. Repeatable thrice when topic changes for a maximum of 16 credits.

**HC 444H. HC US: Difference, Inequality, Agency Colloquium: [Topic]. 4 Credits.**

Topics develop students' analytical and reflective capacities to help them understand and ethically engage with the ongoing (cultural, economic, political, social, etc.) power imbalances that have shaped and continue to shape the United States. Repeatable thrice when topic changes.

**HC 477H. Thesis Prospectus. 2 Credits.**

Students create prospectus, exchange critiques and ideas, and present research in mock defenses with thesis advisor present.

# Human Physiology Courses

## Courses

**HPHY 105. Principles of Nutrition. 4 Credits.**

Explores the fundamentals of nutrition and its application to culture, lifestyle, and health as they relate to humans across the lifespan. Course will be taught once or more per academic year.

**HPHY 199. Special Studies: [Topic]. 1-4 Credits.**

Repeatable.

**HPHY 211. Medical Terminology. 3 Credits.**

Explore and develop skills in language and terminology specific to the medical sciences with an emphasis on derivation, meaning, and pronunciation.

**HPHY 212. Scientific Investigation in Physiology. 4 Credits.**

Explores the process of conducting and communicating scientific research, and how data and statistics help us build and understand scientific knowledge about physiology and medicine.

**HPHY 321. Human Anatomy I. 5 Credits.**

Introduction to the human body and histology; nerves; central, autonomic, and peripheral nervous systems; cranial nerves; regional anatomy of the head; special senses. Includes cadaver laboratory.

Prereq: HPHY 211, BI 212 or BI 282H, CH 223 or CH 226H.

**HPHY 322. Human Physiology I. 5 Credits.**

Neuro- and muscular physiology: action potentials; synapses and receptors; skeletal muscle; central, peripheral, and autonomic nervous systems; special senses. Includes human-based laboratory. Sequence with HPHY 321, HPHY 323, HPHY 324, HPHY 325.

Prereq: HPHY 212; BI 212 or BI 282H; CH 223 or CH 226H.

**HPHY 323. Human Anatomy II. 5 Credits.**

Heart, lungs, and vasculature in addition to regional exploration of the musculoskeletal system. Includes cadaver laboratory. Sequence with HPHY 321, HPHY 322, HPHY 324, HPHY 325.

Prereq: HPHY 321.

**HPHY 324. Human Physiology II. 5 Credits.**

Cardiovascular system; respiratory system; immunology. Includes human-based laboratory. Sequence with HPHY 321, HPHY 322, HPHY 323, HPHY 325.

Prereq: HPHY 321, HPHY 322.

**HPHY 325. Human Anatomy and Physiology III. 5 Credits.**

Anatomy and physiology of the digestive, reproductive, and renal systems; endocrinology. Includes combination of cadaver laboratory and human-based laboratory. Sequence with HPHY 321, HPHY 322, HPHY 323, HPHY 324.

Prereq: HPHY 323, HPHY 324.

**HPHY 333. Motor Control. 4 Credits.**

Introduction to the processes of control and coordination in the performance of motor skills. Neurophysiological, mechanical, and cognitive bases of motor skill acquisition.

Prereq: HPHY 321, HPHY 322; or PSY 304.

**HPHY 362. Tissue Injury and Repair. 4 Credits.**

Exploration of the physiology of injury and trauma. Emphasis on inflammation and healing of connective tissue injury, tissue biomechanics, mechanisms of injury, and clinical orthopedic evaluation techniques.

Prereq: HPHY 323, HPHY 324.

**HPHY 371. Physiology of Exercise. 4 Credits.**

Physiology of exercise, physical conditioning, and training; mechanisms and significance of these effects for health and performance.

Prereq: HPHY 323, HPHY 324.

**HPHY 374. Clinical Electrocardiography and Exercise. 4 Credits.**

Overview of pathophysiology, diagnostic testing, exercise prescription and rehabilitation of cardiovascular diseases. Incorporated throughout the course, students will learn the fundamentals of electrocardiography and how this tool is applied in both the diagnostic and rehabilitative settings.

Prereq: HPHY 371.

**HPHY 375. Metabolism and Nutrition. 4 Credits.**

Exploration of cellular, tissue, and whole body integrated metabolic processes as the basis of physiologic function. Integrating the metabolism of macronutrients at the cellular, tissue, and whole body systems level in the context of human growth, function, and disease.

Prereq: HPHY 325, HPHY 371.

**HPHY 381. Biomechanics. 4 Credits.**

Fundamental principles of physics applied to the analysis of human movement. Emphasis on developing abilities to analyze human movement quantitatively.

Prereq: HPHY 323, PHYS 201.

**HPHY 399. Special Studies: [Topic]. 1-4 Credits.**

Repeatable.

**HPHY 401. Research: [Topic]. 1-15 Credits.**

Repeatable.

**HPHY 403. Thesis. 1-4 Credits.**

For honors students during the terms in which they conduct research or write a thesis.

**HPHY 404. Internship: [Topic]. 1-16 Credits.**

Repeatable. Field experience in an agency, institution, or business. Practice knowledge from courses: planning, organizing, directing, evaluating, and developing professional competence.

**HPHY 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable. Reading and assignments in connection with other courses for extra credit. Honors readings.

**HPHY 406. Practicum: [Topic]. 1-12 Credits.**

Assist students learning anatomy or physiology in either the lecture or lab courses. Repeatable.

**HPHY 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Topics are offered regularly in such areas as health sciences, motor control, biomechanics, and physiology.

**HPHY 408. Workshop: [Topic]. 1-15 Credits.**

Repeatable.

**HPHY 409. Terminal Project. 1-12 Credits.**

Repeatable.

**HPHY 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**HPHY 411. Scientific Teaching. 1 Credit.**

For students currently completing the human anatomy and physiology core sequence; focuses on how people learn, evidence-based teaching practices, and strategies to improve student inclusion and representation. Prereq: HPHY 211, HPHY 212.

**HPHY 412. Sleep Physiology. 4 Credits.**

Fundamental principles of sleep and how physiology is affected by sleep. Prereq: HPHY 325.

**HPHY 413. Muscle Structure, Function, and Plasticity. 4 Credits.**

Physiologic basis for skeletal muscle adaptation to increased and decreased use and injury. Emphasizes how structure dictates function relevant to rehabilitation. Prereq: HPHY 323, HPHY 324.

**HPHY 414. Muscle Metabolism. 4 Credits.**

Metabolic basis for skeletal muscle adaptation to increased and decreased use, and injury models. Emphasizes interorgan communication; uses clinical models. Prereq: HPHY 371.

**HPHY 420. Human Anatomy Dissection. 2 Credits.**

Dissection of one region of a preserved donated human cadaver and preparation of the specimen for the HPHY 321/HPHY 323/HPHY 325 laboratory experience. Students are accepted by application, which are due early February. Prereq: HPHY 323.

**HPHY 422. Physiology of Obesity. 4 Credits.**

Explores potential causes of the obesity epidemic, cellular mechanisms linking obesity to insulin resistance and metabolic diseases, and interventions in treatment of metabolic disease and obesity. Prereq: HPHY 325, HPHY 371.

**HPHY 423. Physiology of Aging. 4 Credits.**

Examines changes that occur to cells and organs in old age and the causes of age-related disease and dysfunction (cardiovascular disease, diabetes, osteoporosis, Alzheimer's); interventions to increase longevity. Prereq: HPHY 325.

**HPHY 432. Neural Development. 4 Credits.**

Exploration of development of the cells in the nervous system. We will discuss the importance of "critical periods" in development and how interventions or dysfunction during critical periods can lead to neurodevelopmental disorders using the respiratory system as a model system. Prereq: HPHY 321, HPHY 322.

**HPHY 433. Neurophysiology of Concussion. 4 Credits.**

Investigate diagnosis, deficits, and treatment of mild traumatic brain injury and neurophysiological effects. Prereq: HPHY 325, HPHY 333.

**HPHY 434. Movement Disorders. 4 Credits.**

Discusses the clinical manifestations and underlying physiological mechanisms of selected movement disorders. Emphasizes the role of scientific experiment in diagnosis and treatment. Prereq: HPHY 325, HPHY 333.

**HPHY 436. Clinical Neuroscience. 4 Credits.**

This course covers neurological diseases and disorders from a neuroscience perspective. The focus will be on applying basic neuroscience principles to better understand clinical practices including patient diagnosis and treatments. Prereq: HPHY 321, HPHY 322.

**HPHY 444. Clinical Anatomy. 4 Credits.**

Through case-based learning, students have the opportunity to apply the knowledge of anatomy and physiology in the context of clinical practice and diagnosis. Prereq: HPHY 325.

**HPHY 462. Therapeutic Techniques. 4 Credits.**

Clinical application of therapeutic techniques including modalities and rehabilitation for soft-tissue orthopedic injuries. Offered alternate years. Prereq: HPHY 362.

**HPHY 470. Environmental Physiology. 4 Credits.**

Examination of physiological adaptations to acute and chronic exposure to extreme heat, cold, and high altitude. Prereq: HPHY 371.

**HPHY 473. High Altitude Physiology and Medicine. 4 Credits.**

Explores major physiologic responses to high altitude (hypoxia), both adaptive and maladaptive, from systems to molecular level, as well as pathophysiologic conditions at high altitude. Offered alternate years. Prereq: HPHY 325, HPHY 371 with a grade of C or better.

**HPHY 503. Thesis. 1-16 Credits.**

Repeatable.

**HPHY 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Topics are offered regularly in such areas as health sciences, motor control, biomechanics, and physiology.

**HPHY 508. Workshop: [Topic]. 1-15 Credits.**

Repeatable.

**HPHY 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**HPHY 512. Sleep Physiology. 4 Credits.**

Fundamental principles of sleep and how physiology is affected by sleep.

**HPHY 513. Muscle Structure, Function, and Plasticity. 4 Credits.**

Physiologic basis for skeletal muscle adaptation to increased and decreased use and injury. Emphasizes how structure dictates function relevant to rehabilitation.

**HPHY 514. Muscle Metabolism. 4 Credits.**

Metabolic basis for skeletal muscle adaptation to increased and decreased use, and injury models. Emphasizes interorgan communication; uses clinical models.

**HPHY 520. Human Anatomy Dissection. 2 Credits.**

Dissection of one region of a preserved donated human cadaver and preparation of the specimen for the HPHY 321/HPHY 323/HPHY 325 laboratory experience. Students are accepted by application, which are due early February.

**HPHY 522. Physiology of Obesity. 4 Credits.**

Explores potential causes of the obesity epidemic, cellular mechanisms linking obesity to insulin resistance and metabolic diseases, and interventions in treatment of metabolic disease and obesity.

**HPHY 523. Physiology of Aging. 4 Credits.**

Examines changes that occur to cells and organs in old age and the causes of age-related disease and dysfunction (cardiovascular disease, diabetes, osteoporosis, Alzheimer's); interventions to increase longevity.

**HPHY 532. Neural Development. 4 Credits.**

Exploration of development of the cells in the nervous system. We will discuss the importance of "critical periods" in development and how interventions or dysfunction during critical periods can lead to neurodevelopmental disorders using the respiratory system as a model system.



**HPHY 533. Neurophysiology of Concussion. 4 Credits.**

Investigate diagnosis, deficits, and treatment of mild traumatic brain injury and neurophysiological effects.

**HPHY 534. Movement Disorders. 4 Credits.**

Discusses the clinical manifestations and underlying physiological mechanisms of selected movement disorders. Emphasizes the role of scientific experiment in diagnosis and treatment.

**HPHY 536. Clinical Neuroscience. 4 Credits.**

This course covers neurological diseases and disorders from a neuroscience perspective. The focus will be on applying basic neuroscience principles to better understand clinical practices including patient diagnosis and treatments.

**HPHY 570. Environmental Physiology. 4 Credits.**

Examination of physiological adaptations to acute and chronic exposure to extreme heat, cold, and high altitude.

**HPHY 573. High Altitude Physiology and Medicine. 4 Credits.**

Explores major physiologic responses to high altitude (hypoxia), both adaptive and maladaptive, from systems to molecular level, as well as pathophysiological conditions at high altitude. Offered alternate years.

**HPHY 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**HPHY 603. Dissertation. 1-16 Credits.**

Repeatable.

**HPHY 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**HPHY 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable. Selected problems in the field of human physiology.

**HPHY 607. Seminar: [Topic]. 1-9 Credits.**

Repeatable. Topics are offered regularly in such areas as health sciences, motor control, biomechanics, and physiology.

**HPHY 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**HPHY 609. Terminal Project. 1-12 Credits.**

Repeatable.

**HPHY 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**HPHY 611. Professional Skills I: Effective Teaching. 1 Credit.**

Development of professional skills for academic careers related to human physiology. Sequence with HPHY 612, HPHY 613.

**HPHY 612. Professional Skills II: Responsible Research. 1 Credit.**

Development of professional skills for academic careers related to human physiology. Sequence with HPHY 611, HPHY 613.

**HPHY 613. Professional Skills III: Career Development. 1 Credit.**

Development of professional skills for academic careers related to human physiology. Sequence with HPHY 611, HPHY 612.

**HPHY 621. Systems Physiology I. 4 Credits.**

Advanced overview of neural physiology, neural control of human movement, and the biomechanical constraints underlying that control. Sequence with HPHY 622, HPHY 623.

**HPHY 622. Systems Physiology II. 4 Credits.**

Advanced overview of cardiovascular physiology and skeletal muscle cell physiology and metabolism.

**HPHY 623. Systems Physiology III. 4 Credits.**

Advanced overview of renal and respiratory physiology.

**HPHY 631. Human Performance and Sports Products. 3 Credits.**

Exploration of sciences of human performance: physiology and kinesiology, which inform the Sports Product Industry at the level of product development, product design and marketing. Available to non-majors only.

**HPHY 631M. Human Performance and Sports Products. 3 Credits.**

Exploration of sciences of human performance: physiology and kinesiology, which inform the Sports Product Industry at the level of product development, product design and marketing. Multilisted with SPM 631M.

**HPHY 632. Human Biomechanics and Sports Product Design. 2 Credits.**

Exploration of sciences of human biomechanics, which inform the Sports Product Industry at the level of product development, product design and marketing. Sequence with HPHY 631.

Prereq: HPHY 631.

**HPHY 660. Basic Science in Clinical Decisions. 4 Credits.**

Literature-based investigation into the basic science and clinical research underlying clinical decisions in athletic medicine.

**HPHY 661. Manual Therapy: Movement Patterns, Core Stability. 2 Credits.**

Advanced skills in proprioceptive neuromuscular facilitation (PNF) movement patterns, and both pilates principles and manual therapy to improve core stability. For certified athletic trainers. Offered alternate years.

**HPHY 662. Manual Therapy: Spine, Lower Quadrant. 2 Credits.**

Advanced skills in muscle energy, mobilization, and trigger-point release techniques for the spine and lower quadrant. For certified athletic trainers. Offered alternate years.

**HPHY 669. The Female Athlete. 4 Credits.**

Literature-based investigation of the unique anatomy and physiology, as well as social-cultural issues, of the female athlete related to sports medicine.

**HPHY 670. Advanced Respiratory Physiology. 4 Credits.**

Explores advanced concepts in respiratory physiology; includes exercise adaptations and examples of pathophysiology. Offered alternate years.

Prereq: HPHY 623.

**HPHY 671. Therapeutic Restoration of Biomotor Abilities. 3 Credits.**

Exploration of advanced rehabilitation techniques for athletic trainers, including advanced program design, evaluation, and movement-sport analysis.

Pre- or coreq: certification as an athletic trainer or physical therapist.

**HPHY 676. Human Cardiovascular Control. 4 Credits.**

Cardiovascular physiology, including central control of blood pressure and flow regulation. An integrative approach toward how the cardiovascular system is coordinated with overall body function. Offered alternate years.

Prereq: HPHY 623.

**HPHY 684. Kinematics of Human Movement. 4 Credits.**

Theory and application of kinematic analysis of human motion. Emphasis on 2D and 3D kinematics, including data collection, analysis and modeling. Offered alternate years.

Prereq: HPHY 621.



**HPHY 685. Kinetics of Human Movement. 4 Credits.**

Experimental methods and mechanical theories associated with the analysis of joint forces and movements during human motion. Offered alternate years.  
Prereq: HPHY 621.

## Humanities Courses

### Courses

**HUM 101. Introduction to the Humanities I. 4 Credits.**

Ideas and modes of vision Western culture has inherited from the classical period. Readings and discussions focus on literature, philosophy, history, the arts, and religion.

**HUM 102. Introduction to the Humanities II. 4 Credits.**

Ideas and modes of vision Western culture has inherited from the medieval to the Renaissance periods. Readings and discussions focus on literature, philosophy, history, the arts, and religion.

**HUM 103. Introduction to the Humanities III. 4 Credits.**

An interdisciplinary introduction to the global humanities in the modern period.

**HUM 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable up to four times.

**HUM 240. Medical Humanities. 4 Credits.**

Examines the intersection of literature, philosophy, history, and the arts with medical theory and practice.

**HUM 245. Food, Art, and Literature. 4 Credits.**

The study of food in the Ancient Greco-Roman world, ancient China, or the modern world using historical, literary, and practical approaches.

**HUM 260. Postwar European Culture. 4 Credits.**

Addresses the broad history and culture of 20th century Europe through humanistic themes and texts that reflect aspects of that experience.

**HUM 300. Themes in the Humanities. 4 Credits.**

Interdisciplinary and multimedia introduction to the study of the humanities. Analysis of such themes as tragedy in music, literature, and art.

**HUM 361. Ancient Science and Culture. 4 Credits.**

Explores the subject, practice, and social place of science in the ancient world.

**HUM 399. Special Studies: [Topic]. 1-5 Credits.**

Problem-oriented course designed to explore new topics or approaches to studies in the humanities. Repeatable.

**HUM 403. Thesis. 1-6 Credits.**

Repeatable.

**HUM 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**HUM 406. Practicum: [Topic]. 1-5 Credits.**

Repeatable with consent of instructor and program head.

**HUM 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**HUM 409. Terminal Project. 1-12 Credits.**

Repeatable.

**HUM 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**HUM 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

## Ichishki'in Courses

### Courses

**ICH 101. First-Year Ichishki'in. 5 Credits.**

Ichishki'in (Sahaptin) is a Native American language of the Columbia River Plateau. The language is critically endangered, and this course adds to language preservation efforts. The course has been designed under the guidance of Yakama Elder, Dr. Virginia Beavert, a renowned language activist and scholar.

**ICH 102. First-Year Ichishki'in. 5 Credits.**

Ichishki'in (Sahaptin) is a Native American language of the Columbia River Plateau. The language is critically endangered, and this course adds to language preservation efforts. The course has been designed under the guidance of Yakama Elder, Dr. Virginia Beavert, a renowned language activist and scholar.

Prereq: ICH 101.

**ICH 103. First-Year Ichishki'in. 5 Credits.**

Ichishki'in (Sahaptin) is a Native American language of the Columbia River Plateau. The language is critically endangered, and this course adds to language preservation efforts. The course has been designed under the guidance of Yakama Elder, Dr. Virginia Beavert, a renowned language activist and scholar.

Prereq: ICH 102.

**ICH 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ICH 201. Second-Year Ichishki'in. 5 Credits.**

Ichishki'in (Sahaptin) is a Native American language of the Columbia River Plateau. The language is critically endangered, and this course adds to language preservation efforts. The course has been designed under the guidance of Yakama Elder, Dr. Virginia Beavert, a renowned language activist and scholar.

Prereq: ICH 103.

**ICH 202. Second-Year Ichishki'in. 5 Credits.**

Ichishki'in (Sahaptin) is a Native American language of the Columbia River Plateau. The language is critically endangered, and this course adds to language preservation efforts. The course has been designed under the guidance of Yakama Elder, Dr. Virginia Beavert, a renowned language activist and scholar.

Prereq: ICH 201.

**ICH 203. Second-Year Ichishki'in. 5 Credits.**

Ichishki'in (Sahaptin) is a Native American language of the Columbia River Plateau. The language is critically endangered, and this course adds to language preservation efforts. The course has been designed under the guidance of Yakama Elder, Dr. Virginia Beavert, a renowned language activist and scholar.

Prereq: ICH 202.

**ICH 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

## Interdisciplinary Studies Courses

### Courses

**IST 503. Thesis. 1-16 Credits.**

Repeatable.

**IST 601. Research: [Topic]. 1-16 Credits.**  
Repeatable.

**IST 605. Special Problems: [Topic]. 1-16 Credits.**  
Repeatable.

**IST 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**IST 607. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**IST 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**IST 609. Terminal Project. 1-16 Credits.**  
Repeatable.

**IST 610. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

## Interior Architecture Courses

### Courses

**IARC 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**IARC 204. Understanding Contemporary Interiors. 4 Credits.**  
Introduction to the theory of interior architecture. Design criteria explored through illustrated lectures and projects involving analysis of space.

**IARC 401. Research: [Topic]. 1-6 Credits.**  
Repeatable.

**IARC 404. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**IARC 405. Special Problems: [Topic]. 1-12 Credits.**  
Repeatable.

**IARC 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**IARC 407. Seminar: [Topic]. 1-6 Credits.**  
Repeatable.

**IARC 408. Workshop: [Topic]. 1-6 Credits.**  
Repeatable.

**IARC 409. Terminal Project. 1-12 Credits.**  
Repeatable.

**IARC 410. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**IARC 444. Furniture: Theory and Analysis. 3 Credits.**  
Analysis of furniture and cabinetry from a theoretical and practical standpoint. Emphasis on use within architectural space as well as free standing elements. Introduction to structure, construction, and construction installation drawings.  
Prereq: PD 323 or ARCH 484 or IARC 484.

**IARC 445. Comprehensive Project Preparation. 3 Credits.**  
Formulation of individual design projects for IARC 488/588, 489/589. Development of project issues and documentation of context, site, and building information; includes research, case studies, and programming.  
Prereq: IARC 473, 484.

**IARC 447. Color Theory and Application for the Built Environment. 3 Credits.**

Use of color in the built environment including principal color systems, methods of color harmony, effects of visual phenomena, and various psychological, cultural, and historic implications.  
Prereq: PD 350 or ARCH 484 or IARC 484 or interior architecture minor status.

**IARC 471. Interior Construction Elements. 3 Credits.**

The properties and detailing of materials used in interior design construction. Code issues that affect interior construction field trips to supply sources and projects.  
ARCH 470.

**IARC 472. Interior Finishes and Design Application. 3 Credits.**

The properties, manufacture, application, and code issues, and ecological considerations of interior finish materials. Field trips to supply sources.  
ARCH 470

**IARC 473. Working Drawings in Interior Architecture. 4 Credits.**

Preparation of working drawings for a small, sustainable interior architecture design project.  
Prereq: ARCH 462, 484 or IARC 471, 472, 484

**IARC 474. History of Interior Architecture I. 3 Credits.**

Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

**IARC 475. History of Interior Architecture II. 3 Credits.**

Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

**IARC 476. History of Interior Architecture III. 3 Credits.**

Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

**IARC 484. Interior Design. 6 Credits.**

Repeatable. A series of creative projects in interior design; intensive analysis of design; methods of problem solving; individual criticism, review of design projects; group discussion and field trips.  
Prereq: ARCH 383 or IARC 383.

**IARC 486. Furniture Design. 6 Credits.**

Projects in design and construction of custom furniture, preparation of detailed shop drawings, shop procedure.  
Prereq: IARC 444; IARC 484 or ARCH 484.

**IARC 487. Working Drawings. 6 Credits.**

Focuses on the design of a small, sustainable interior architecture design project and the production of a set of working drawings.  
Prereq: ARCH 462, 484 or IARC 471, 472, 484; coreq: IARC 473.

**IARC 488. Interior Design Comprehensive Project I. 8 Credits.**

Student-initiated studies in interior design for the terminal project. Emphasis on comprehensive and integrative study.  
Prereq: IARC 445.

**IARC 489. Interior Design Comprehensive Project II. 8 Credits.**

Student-initiated studies in interior design for the terminal project. Emphasis on comprehensive and integrative study.  
Prereq: IARC 488

**IARC 492. Electric Lighting. 3 Credits.**

Principles of lighting with focus on integration of electric illumination and space. Design for lighting, calculations, and available systems and sources tested through models and drawings.  
Prereq: ARCH 484/584 or IARC 484/584; ARCH 492/592.

**IARC 503. Thesis. 1-6 Credits.**

Repeatable.

**IARC 507. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**IARC 508. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**IARC 510. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**IARC 544. Furniture: Theory and Analysis. 3 Credits.**

Analysis of furniture and cabinetry from a theoretical and practical standpoint. Emphasis on use within architectural space as well as free standing elements. Introduction to structure, construction, and construction installation drawings.

IARC 484 or ARCH 584

**IARC 545. Comprehensive Project Preparation. 3 Credits.**

Formulation of individual design projects for IARC 488/588, 489/589.

Development of project issues and documentation of context, site, and building information; includes research, case studies, and programming.

Prereq: IARC 573, 584.

**IARC 547. Color Theory and Application for the Built Environment. 3 Credits.**

Use of color in the built environment including principal color systems, methods of color harmony, effects of visual phenomena, and various psychological, cultural, and historic implications.

Prereq: ARCH 584 or IARC 584.

**IARC 571. Interior Construction Elements. 3 Credits.**

The properties and detailing of materials used in interior design construction. Code issues that affect interior construction field trips to supply sources and projects.

Prereq: ARCH 570.

**IARC 572. Interior Finishes and Design Application. 3 Credits.**

The properties, manufacture, application, and code issues, and ecological considerations of interior finish materials. Field trips to supply sources.

Prereq: ARCH 570.

**IARC 573. Working Drawings in Interior Architecture. 4 Credits.**

Preparation of working drawings for a small, sustainable interior architecture design project.

Prereq: ARCH 562, 584 or IARC 571, 572, 584.

**IARC 574. History of Interior Architecture I. 3 Credits.**

Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

**IARC 575. History of Interior Architecture II. 3 Credits.**

Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

**IARC 576. History of Interior Architecture III. 3 Credits.**

Interior architecture as artistic expression. Includes the study of furnishings, textiles, and other interior traditions.

**IARC 584. Interior Design. 6 Credits.**

Repeatable. A series of creative projects in interior design; intensive analysis of design; methods of problem solving; individual criticism, review of design projects; group discussion and field trips.

Prereq: ARCH 681.

**IARC 586. Furniture Design. 6 Credits.**

Projects in design and construction of custom furniture, preparation of detailed shop drawings, shop procedure.

Prereq: IARC 444/544; ARCH 484/584 or IARC 484/584.

**IARC 587. Working Drawings. 6 Credits.**

Focuses on the design of a small, sustainable interior architecture design project and the production of a set of working drawings.

Prereq: ARCH 562, ARCH 584 or IARC 571, IARC 572, IARC 584; coreq: IARC 573.

**IARC 588. Interior Design Comprehensive Project I. 8 Credits.**

Student-initiated studies in interior design for the terminal project.

Emphasis on comprehensive and integrative study.

Prereq: 36 credits in IARC design studios.

**IARC 589. Interior Design Comprehensive Project II. 8 Credits.**

Student-initiated studies in interior design for the terminal project.

Emphasis on comprehensive and integrative study.

Prereq: IARC 588.

**IARC 592. Electric Lighting. 3 Credits.**

Principles of lighting with focus on integration of electric illumination and space. Design for lighting, calculations, and available systems and sources tested through models and drawings.

Prereq: ARCH 484/584 or IARC 484/584; ARCH 492/592.

**IARC 600M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**IARC 601. Research: [Topic]. 1-6 Credits.**

Repeatable.

**IARC 604. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**IARC 605. Special Problems: [Topic]. 1-16 Credits.**

Repeatable.

**IARC 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**IARC 607. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**IARC 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**IARC 609. Terminal Project. 1-16 Credits.**

Repeatable.

**IARC 610. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**IARC 611. Terminal Project. 1-9 Credits.**

Repeatable.

**IARC 684. Graduate Interior Design Studio. 6 Credits.**

Students refine their abilities to undertake adaptive reuse interior design projects requiring comprehensive and integrative design study over a wide range of project types in an advanced studio environment.

Repeatable once for a maximum of 12 credits.

Prereq: ARCH 681.

## Italian Courses

### Courses

**ITAL 101. First-Year Italian. 5 Credits.**

Introduction to Italian stressing speaking, reading, writing, and comprehension skills. Sequence.

**ITAL 102. First-Year Italian. 5 Credits.**

Introduction to Italian stressing speaking, reading, writing, and comprehension skills. Sequence.

Prereq: ITAL 101.

**ITAL 103. First-Year Italian. 5 Credits.**

Introduction to Italian stressing speaking, reading, writing, and comprehension skills. Sequence.

Prereq: ITAL 102.

**ITAL 104. Intensive First-Year Italian. 5 Credits.**

Covers in two terms the work of ITAL 101, ITAL 102, ITAL 103. Sequence. Cannot be taken in any combination with ITAL 101, ITAL 102, ITAL 103 to total more than 15 credits of first-year Italian.

**ITAL 105. Intensive First-Year Italian. 5 Credits.**

Covers in two terms the work of ITAL 101, ITAL 102, ITAL 103. Sequence. Cannot be taken in any combination with ITAL 101, ITAL 102, ITAL 103 to total more than 15 credits of first-year Italian. Prereq: ITAL 104.

**ITAL 150. Cultural Legacies of Italy. 4 Credits.**

Italy's contributions to world cultures includes topics such as modern Italian life, Italians in America, Italian cinema and its influence, the Italian Renaissance, Roman art, opera. Conducted in English.

**ITAL 152. Desire and Resistance: Italian Cinema. 4 Credits.**

The theories and works of the major Italian filmmakers; topics in Italian history and culture; introduction to film analysis.

**ITAL 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ITAL 201. Second-Year Italian. 4 Credits.**

Review of grammar, reading of short literary and cultural texts, development of speaking and writing skills. Sequence. Conducted in Italian.

Prereq: first year language competence.

**ITAL 202. Second-Year Italian. 4 Credits.**

Review of grammar, reading of short literary and cultural texts, development of speaking and writing skills. Sequence. Conducted in Italian.

Prereq: ITAL 201.

**ITAL 203. Second-Year Italian. 4 Credits.**

Review of grammar, reading of short literary and cultural texts, development of speaking and writing skills. Sequence. Conducted in Italian.

Prereq: ITAL 202.

**ITAL 252. The Italian-American Experience. 4 Credits.**

Overview of the Italian-American experience investigating the process of assimilation of Italians into American life through the analysis of different cultural artifacts.

**ITAL 301. Cultura e lingua: l'Italia contemporanea. 4 Credits.**

Analysis of Italian history and society since the unification of Italy through the readings of a short novel. Vocabulary enrichment activities and grammar review.

Prereq: ITAL 203.

**ITAL 303. Cultura e lingua: società, economia, politica. 4 Credits.**

Analysis of Italian society, its economy and politics from 1950 to present. Readings of short stories and magazine articles, viewing of films. Vocabulary enrichment activities and grammar review.

Prereq: ITAL 203.

**ITAL 305. Cultura e lingua: arte, musica, i mass media. 4 Credits.**

Artistic expressions over time and the influence of the mass media on the social structures and language.

Prereq: ITAL 203.

**ITAL 306. La cultura culinaria. 4 Credits.**

This course, taught in Italian, focuses on food in the arts to teach Italian history.

Prereq: ITAL 203.

**ITAL 307. Oral Skills. 2 Credits.**

Practice in improving listening, comprehension, and oral skills in Italian. Communicative activities in class in addition to language laboratory work. Repeatable twice for maximum of 6 credits.

Prereq: ITAL 203 or equivalent.

**ITAL 317. Italian Survey: Medieval and Renaissance. 4 Credits.**

Introduction to major themes and ideas in Italian literature and art from the medieval and Renaissance periods. Conducted in Italian.

Prereq: ITAL 203.

**ITAL 318. Italian Survey: Baroque and Enlightenment. 4 Credits.**

Introduction to major themes and ideas in Italian literature from the baroque and Enlightenment periods through the reading of representative texts. Conducted in Italian.

Prereq: ITAL 203.

**ITAL 319. Italian Survey: 19th and 20th Centuries. 4 Credits.**

Representative literary works from the 19th and 20th centuries with attention to literary analysis and literary history.

Prereq: ITAL 203.

**ITAL 350. Global Histories of Italian Food. 4 Credits.**

The story of Italian food is a tale of global trade, revealing the historic connections between Italy and the world. Each weekly seminar explores the relationship between an Italian city and a different world capital to illustrate how far-flung empires have shaped Italy's regional cuisines.

**ITAL 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when topic changes.

**ITAL 403. Thesis. 3-6 Credits.**

Repeatable.

**ITAL 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**ITAL 407. Seminar: [Topic]. 1-6 Credits.**

Repeatable. Recent topics include Il canzoniere, Italian Folktales, Italian Epic, Pirandello, Literary Analysis.

Prereq: one from ITAL 317, ITAL 318, ITAL 319.

**ITAL 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable. Special group activities such as production of Italian plays.

**ITAL 409. Terminal Project. 1-12 Credits.**

Repeatable.

**ITAL 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**ITAL 449. Humanism and the Renaissance. 4 Credits.**

Covers authors who exemplify learning, aesthetics, and ideology of Renaissance Italy (e.g., Ariosto, Castiglione, Colonna, Franco, Leonardo, Machiavelli, Michelangelo, Tasso). Includes essays in criticism and theory. Conducted in Italian.

Prereq: ITAL 317 or ITAL 318 or ITAL 319.

**ITAL 491. 20th-Century Literature: [Topic]. 4 Credits.**

Topics about issues or figures in 20th-century Italian literature (e.g., Modern Lyric Poetry, Postmodern Narrative). Conducted in Italian. Repeatable when topic changes.  
Prereq: ITAL 317 or ITAL 318 or ITAL 319.

**ITAL 507. Seminar: [Topic]. 1-6 Credits.**

Repeatable. Recent topics include Il canzoniere, Italian Folktales, Italian Epic, Pirandello, Literary Analysis.

**ITAL 508. Workshop: [Topic]. 1-12 Credits.**

Special group activities such as production of Italian plays.  
Prereq: ITAL 203 or equivalent.

**ITAL 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**ITAL 549. Humanism and the Renaissance. 4 Credits.**

Covers authors who exemplify learning, aesthetics, and ideology of Renaissance Italy (e.g., Ariosto, Castiglione, Colonna, Franco, Leonardo, Machiavelli, Michelangelo, Tasso). Includes essays in criticism and theory. Conducted in Italian.  
Prereq: work in literature.

**ITAL 591. 20th-Century Literature: [Topic]. 4 Credits.**

Topics about issues or figures in 20th-century Italian literature (e.g., Modern Lyric Poetry, Postmodern Narrative). Conducted in Italian. Repeatable when topic changes.  
Prereq: previous work in literature.

**ITAL 601. Research: [Topic]. 1-6 Credits.**

Repeatable.

**ITAL 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**ITAL 606. Practicum: [Topic]. 1-4 Credits.**

Repeatable.

**ITAL 607. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**ITAL 609. Terminal Project. 1-12 Credits.**

Repeatable.

## Japanese Courses

### Courses

**JPN 101. First-Year Japanese. 5 Credits.**

Provides thorough grounding in listening, speaking, reading, and writing Japanese. Special stress on aural-oral skills. For beginners or by placement.

**JPN 102. First-Year Japanese. 5 Credits.**

Provides thorough grounding in listening, speaking, reading, and writing Japanese. Special stress on aural-oral skills. For beginners or by placement.  
Prereq: JPN 101 or equivalent.

**JPN 103. First-Year Japanese. 5 Credits.**

Provides thorough grounding in listening, speaking, reading, and writing Japanese. Special stress on aural-oral skills. For beginners or by placement.  
Prereq: JPN 102 or equivalent.

**JPN 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**JPN 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**JPN 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**JPN 201. Second-Year Japanese. 5 Credits.**

Additional training in oral-aural skills designed to build listening comprehension and fluency. Development of basic proficiency in reading and writing Japanese.  
Prereq: JPN 103 or equivalent.

**JPN 202. Second-Year Japanese. 5 Credits.**

Additional training in oral-aural skills designed to build listening comprehension and fluency. Development of basic proficiency in reading and writing Japanese.  
Prereq: JPN 201 or equivalent.

**JPN 203. Second-Year Japanese. 5 Credits.**

Additional training in oral-aural skills designed to build listening comprehension and fluency. Development of basic proficiency in reading and writing Japanese.  
Prereq: JPN 202 or equivalent.

**JPN 250. Manga Millennium. 4 Credits.**

Surveys the 1,000-year history of visual-verbal narratives—comics—in Japan, ranging from medieval picture to modern manga.

**JPN 301. Third-Year Japanese. 5 Credits.**

Provides a solid foundation in listening, speaking, reading, and writing. Prepares students for advanced study.  
Prereq: JPN 203 or equivalent.

**JPN 302. Third-Year Japanese. 5 Credits.**

Provides a solid foundation in listening, speaking, reading, and writing. Prepares students for advanced study.  
Prereq: JPN 301 or equivalent.

**JPN 303. Third-Year Japanese. 5 Credits.**

Provides a solid foundation in listening, speaking, reading, and writing. Prepares students for advanced study.  
Prereq: JPN 302 or equivalent.

**JPN 305. Introduction to Japanese Literature. 4 Credits.**

Historical survey of Japanese literature from the 8th century to the present. Analysis and appreciation of major works, genres, and authors such as "The Tale of Genji," Haiku, Kawabata, and Mishima. Readings in English.  
Prereq: WR 121Z or equivalent.

**JPN 306. Introduction to Japanese Literature. 4 Credits.**

Historical survey of Japanese literature from the 8th century to the present. Analysis and appreciation of major works, genres, and authors such as "The Tale of Genji," Haiku, Kawabata, and Mishima. Readings in English.  
Prereq: WR 121Z or equivalent.

**JPN 307. Introduction to Japanese Literature. 4 Credits.**

Historical survey of Japanese literature from the 8th century to the present. Analysis and appreciation of major works, genres, and authors such as "The Tale of Genji," Haiku, Kawabata, and Mishima. Readings in English.  
Prereq: WR 121Z or equivalent.

**JPN 315. Introduction to Japanese Linguistics. 4 Credits.**

Survey of general characteristics of the Japanese language in the aspects of sound structure, vocabulary, writing system, meaning, and sentence constructions. Offered alternate years.  
Prereq: JPN 103.



**JPN 399. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**JPN 401. Research: [Topic]. 1-4 Credits.**  
Repeatable for maximum of 12 credits.

**JPN 403. Thesis. 1-6 Credits.**  
Repeatable for maximum of 6 credits.

**JPN 405. Reading and Conference: [Topic]. 1-21 Credits.**  
Repeatable.

**JPN 406. Field Studies: [Topic]. 1-21 Credits.**  
Repeatable.

**JPN 407. Seminar: [Topic]. 1-4 Credits.**  
Studies and projects in Japanese literature or linguistics. Sources are in Japanese, English, or both. Repeatable when topic changes.

**JPN 408. Workshop: [Topic]. 1-21 Credits.**  
Repeatable.

**JPN 409. Terminal Project. 1-12 Credits.**  
Repeatable.

**JPN 410. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**JPN 411. Fourth-Year Spoken Japanese. 4 Credits.**  
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.  
Prereq: JPN 303 or equivalent.

**JPN 412. Fourth-Year Spoken Japanese. 4 Credits.**  
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.  
Prereq: JPN 411.

**JPN 413. Fourth-Year Spoken Japanese. 4 Credits.**  
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.  
Prereq: JPN 412.

**JPN 414. Fourth-Year Reading and Writing Japanese. 4 Credits.**  
Development of reading skills, vocabulary, and knowledge of kanji. Writing exercises include message writing, letter writing, and short essays.  
Prereq: JPN 303 or equivalent.

**JPN 415. Fourth-Year Reading and Writing Japanese. 4 Credits.**  
Development of reading skills, vocabulary, and knowledge of kanji. Writing exercises include message writing, letter writing, and short essays.  
Prereq: JPN 414.

**JPN 416. Fourth-Year Reading and Writing Japanese. 4 Credits.**  
Development of reading skills, vocabulary, and knowledge of kanji. Writing exercises include message writing, letter writing, and short essays.  
Prereq: JPN 415.

**JPN 425. Modern Japanese Literature: [Topic]. 4 Credits.**  
Investigates topics relevant to Japanese literary studies in a comparative context. Recent topics include youth culture, postwar literature, digital-age stories. Repeatable twice when topic changes for maximum of 12 credits.

**JPN 434. Advanced Readings in Japanese Literature. 4 Credits.**  
Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.  
Prereq: JPN 416.

**JPN 435. Advanced Readings in Japanese Literature. 4 Credits.**  
Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.  
Prereq: JPN 434.

**JPN 436. Advanced Readings in Japanese Literature. 4 Credits.**  
Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.  
Prereq: JPN 435.

**JPN 437. Classical Japanese Literary Language. 4 Credits.**  
Introduction to the basic principles and forms of classical Japanese literary language--style, syntax, and textuality. Selected readings of texts in classical Japanese from Nara through Edo periods.  
Prereq: JPN 303.

**JPN 455. Japanese Business Culture and Language. 4 Credits.**  
Provides extensive training in communication skills in all formats (oral and visual) in a business setting. The goal is a successful interview of local Japanese business people conducted in Japanese.  
Prereq: JPN 303 or equivalent.

**JPN 471. The Japanese Cinema. 4 Credits.**  
Major filmmakers and works are introduced. Comparative analysis of Japanese cinema as narrative form and artists' efforts to grapple with the Japanese experience of modernity. Readings, films, and discussions in English.

**JPN 473. Japanese Environmental Cinema. 4 Credits.**  
Study of Japanese environmental cinema since the 1970s. Examines environmental themes and film genres. Readings, films, and discussion in English.

**JPN 480. Early Modern Comics. 4 Credits.**  
Focuses on comic books in 18th and 19th century Japan and their place in the "floating world" of popular culture.

**JPN 490. Translation and Japanese Literature. 4 Credits.**  
Explores the theory and practice of translation as it relates to Japanese literature. Students produce their own translations and critique existing translations.  
Prereq: JPN 412 or JPN 416 or JPN 303.

**JPN 503. Thesis. 1-6 Credits.**  
Repeatable.

**JPN 507. Seminar: [Topic]. 1-4 Credits.**  
Studies and projects in Japanese literature or linguistics. Sources are in Japanese, English, or both. Repeatable when topic changes.

**JPN 508. Workshop: [Topic]. 1-21 Credits.**  
Repeatable.

**JPN 510. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**JPN 511. Fourth-Year Spoken Japanese. 4 Credits.**  
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.  
Prereq: JPN 303 or equivalent.

**JPN 512. Fourth-Year Spoken Japanese. 4 Credits.**  
Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.  
Prereq: JPN 511.

**JPN 513. Fourth-Year Spoken Japanese. 4 Credits.**

Development of speaking and listening skills related to concrete and abstract topics. Emphasis on sociolinguistic skills.

Prereq: JPN 512.

**JPN 514. Fourth-Year Reading and Writing Japanese. 4 Credits.**

Development of reading skills, vocabulary, and knowledge of kanji.

Writing exercises include message writing, letter writing, and short essays.

Prereq: JPN 303 or equivalent.

**JPN 515. Fourth-Year Reading and Writing Japanese. 4 Credits.**

Development of reading skills, vocabulary, and knowledge of kanji.

Writing exercises include message writing, letter writing, and short essays.

Prereq: JPN 514.

**JPN 516. Fourth-Year Reading and Writing Japanese. 4 Credits.**

Development of reading skills, vocabulary, and knowledge of kanji.

Writing exercises include message writing, letter writing, and short essays.

Prereq: JPN 515.

**JPN 525. Modern Japanese Literature: [Topic]. 4 Credits.**

Investigates topics relevant to Japanese literary studies in a comparative context. Recent topics include suicide and literature East and West, nations and resistance, atomic bomb literature. Repeatable twice when topic changes for maximum of 12 credits.

**JPN 534. Advanced Readings in Japanese Literature. 4 Credits.**

Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.

Prereq: JPN 516.

**JPN 535. Advanced Readings in Japanese Literature. 4 Credits.**

Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.

Prereq: JPN 534.

**JPN 536. Advanced Readings in Japanese Literature. 4 Credits.**

Reading modern Japanese literature in Japanese. Students acquire proficiency in reading, writing, and translation as well as knowledge of literature.

Prereq: JPN 535.

**JPN 537. Classical Japanese Literary Language. 4 Credits.**

Introduction to the basic principles and forms of classical Japanese literary language--style, syntax, and textuality. Selected readings of texts in classical Japanese from Nara through Edo periods.

Prereq: JPN 303 or equivalent.

**JPN 571. The Japanese Cinema. 4 Credits.**

Major filmmakers and works are introduced. Comparative analysis of Japanese cinema as narrative form and artists' efforts to grapple with the Japanese experience of modernity. Readings, films, and discussions in English.

**JPN 573. Japanese Environmental Cinema. 4 Credits.**

Study of Japanese environmental cinema since the 1970s. Examines environmental themes and film genres. Readings, films, and discussion in English.

**JPN 580. Early Modern Comics. 4 Credits.**

Focuses on comic books in 18th and 19th century Japan and their place in the "floating world" of popular culture.

**JPN 590. Translation and Japanese Literature. 4 Credits.**

Explores the theory and practice of translation as it relates to Japanese literature. Students produce their own translations and critique existing translations.

Prereq: JPN 512 or JPN 516.

**JPN 601. Research: [Topic]. 1-10 Credits.**

Repeatable.

**JPN 603. Dissertation. 1-16 Credits.**

Repeatable.

**JPN 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable as approved by the faculty.

**JPN 606. Practicum: [Topic]. 1-4 Credits.**

Repeatable for maximum of 18 credits.

**JPN 607. Seminar: [Topic]. 1-6 Credits.**

Studies and projects in Japanese literature, linguistics, or pedagogy.

Sources in Japanese, English, or both. Repeatable when topic changes.

**JPN 609. Terminal Project. 1-12 Credits.**

Repeatable.

**JPN 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

## Journalism Courses

### Courses

**J 100. Media Professions. 2 Credits.**

Introduction to dynamic media and communication professions, opportunities, and issues, as well as to majors in journalism and communication.

**J 101. Grammar for Communicators. 2 Credits.**

Intensive review of grammar, word use, spelling, and principles of clear, concise writing. Introduction to media style. Premajor status required.

**J 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**J 198. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**J 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**J 201. Media and Society. 4 Credits.**

Introduction to the critical examination of the roles of media in society.

**J 208. Introduction to Documentary Production. 4 Credits.**

Introduction to the theory and practice of documentary production.

Focuses on aesthetics, technology, research, and writing fundamentals of documentary making, covering preproduction, production and postproduction. Cinema studies majors only.

Prereq: J 201, CINE 260M or ENG 260M; two from CINE 265, CINE 266, CINE 267.

**J 211. Gateway to Media. 8 Credits.**

Integrates critical thinking, creative thinking, and basic skills for nonfiction storytelling through words, photos, audio, and video. Majors only.

Prereq: J 100, J 101, J 201, and either CHC enrollment or completion of the WR requirement.

**J 212. Writing for Communicators. 4 Credits.**

Course builds on what was learned in Grammar for Communicators course (J 101) to help students develop the ability to write for a variety of professional platforms and to achieve the appropriate strategic purpose. Prereq: J 100, J 101, J 201, and either CHC enrollment or completion of the WR requirement.

**J 213. Fact or Fiction. 4 Credits.**

This course helps students grapple with information in the digital age to evaluate how media professionals develop notions of truth, ethics, and transparency. It covers information credibility, social media algorithms, and data and numerical literacy.

Prereq: J 100, J 101, J 201, and either CHC enrollment or completion of the WR requirement.

**J 249. Introduction to Studying Games. 4 Credits.**

Introduction to the fundamentals of game studies, including the game industry, history, culture, and critical topics from industrial labor and globalization to identity representations.

**J 250. Media Studies Production. 2 Credits.**

This course complements an understanding of production skills and practice from Gateway to Media by adding critical and cultural theory. By examining the relationship between theory and practice, students gain deeper knowledge of how production practices impact cultural and society.

Prereq: J 211.

**J 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**J 314. Introduction to Media Studies. 4 Credits.**

Presents a historical overview of the study of media, with in-depth discussion of primary theoretical approaches and their application to the current media environment. Majors only.

Prereq: J 201 with a grade better than C-.

**J 315H. Honors Media Theory and Research. 4 Credits.**

Foundation course for honors program. Introduction to seminal theories in communication; overview of methodologies used in the study of theories. Acceptance into School of Journalism and Communication honors program required for enrollment.

**J 320. Gender, Media, and Diversity. 4 Credits.**

Critical study of the media with regard to gender, race, ethnicity, and other social divisions. Ramification and possible mechanisms of change.

Prereq: J 201 with a grade better than C-.

**J 331. Digital Video Production. 4 Credits.**

Introduction to techniques of single-camera field video production. Journalism and cinema studies majors only.

Prereq: J 211 and J 212 and J 213, or J 208 with a grade better than C-.

**J 333. Writing for Multimedia. 4 Credits.**

Introduction to the process and practice of writing for multimedia, including print, audio-video, computer-assisted presentation, web-based applications, and striking the balance between word and image.

Prereq: ARTD 250, ARTD 251, ARTD 252.

**J 340. Principles of Advertising. 4 Credits.**

Role of advertising in the distribution of goods and services; the advertising agency; the campaign; research and testing; the selection of media: print, electronic, outdoor advertising, direct mailing. Not for journalism: advertising majors.

**J 342. The Creative Strategist. 4 Credits.**

Creative approaches to ideation and strategic thinking for all advertising industry specialties. Emphasis on creative process, generative techniques, teamwork, career planning, industry trends. Journalism: advertising majors only.

Prereq: J 211, J 212 with a grade better than C-.

**J 349. The Games Industry. 4 Credits.**

Covers the shape and structure of the global games industry—its producers, value chains, sales, and industrial logics—and its key critical questions

Prereq: J 249 with a grade better than C-.

**J 350. Principles of Public Relations. 4 Credits.**

Overview of public relations practice in a diverse global society, including theory, career opportunities, history, communication forms and channels, and legal and ethical concerns.

**J 352. Strategic Writing and Media Relations. 4 Credits.**

Writing-intensive lab; students produce strategic, theory-based content for multiple media platforms using various journalistic styles and storytelling skills and incorporating ethical media-relations practices.

Prereq: J 211, J 212, J 213, J 350 with a grade of better than C-.

**J 353. Game Design and Critique. 4 Credits.**

Guides students through the elements, steps, and processes of creating a game to cultivate in-depth knowledge of design and game development.

Prereq: J 249 with a grade better than C-.

**J 354. Theories of Play in Media and Communication. 4 Credits.**

Explores play and its relationship to culture and media. Covers the role of play in history, psychology, game design, and modern media and internet cultures.

Prereq: J 249 with a grade better than C-.

**J 361. Reporting I. 4 Credits.**

News gathering and writing. Extensive writing in class and outside of class in a variety of forms: news, features, interviews, multimedia scripts. Journalism majors only.

Prereq: J 211, J 212 with a grade better than C-.

**J 365. Photojournalism. 4 Credits.**

Visual reporting techniques, with emphasis on practice, law, and ethics of photojournalism and photographic communication. Laboratory and portfolio-intensive. Majors only.

Prereq: J 211, J 212, J 213 with a grade better than C-.

**J 371. Feature Writing I. 4 Credits.**

Introduction to feature writing for print and online media; marketing your ideas and stories. Journalism majors only.

Prereq: J 213, J 361 with a grade better than C-.

**J 377. Science of Science Communication. 4 Credits.**

In this class students will delve deeper into the theoretical foundations of science communication as a discipline. Students will develop an understanding of the different models of science communication, their benefits, drawbacks, and current use in a variety of contexts.

Prereq: We recommend two area satisfying courses in the sciences.

**J 385. Communication Law. 4 Credits.**

Legal aspects of the media: constitutional freedom of expression, news gathering, access to public records, libel, privacy, copyright, advertising, electronic media regulation, and antitrust.

Prereq: J 201 with a grade better than C-.

**J 387. Media History. 4 Credits.**

The changing structure and character of the media in the United States.  
Prereq: J 201 with a grade better than C-.

**J 396. International Communication. 4 Credits.**

National and cultural differences in media and information systems, global news and information flows, implications of rapid technological change, and communication and information policies.  
Prereq: J 201 with a grade better than C-

**J 397. Media Ethics. 4 Credits.**

Ethical problems in the media: privacy, violence, pornography, truth-telling, objectivity, media codes, public interest, media accountability.  
Prereq: J 201 with a grade better than C-.

**J 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**J 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**J 401. Research: [Topic]. 1-9 Credits.**

Repeatable.

**J 403. Thesis. 1-9 Credits.**

Repeatable.

**J 404. Internship: [Topic]. 1-9 Credits.**

Repeatable for maximum of 9 credits.

**J 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

**J 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**J 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**J 408. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**J 409. Terminal Project. 1-12 Credits.**

Repeatable.

**J 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**J 411M. US Film Industry. 4 Credits.**

Traces the past and present of the U.S. film industry, examining key moments in the development of Hollywood, including the consolidation and restructuring of the major movie studios, the film industry's relationship to TV and the Internet. Journalism Majors and MEST minor.  
Prereq: J 201 with a grade better than C-.

**J 412. Issues in Communication Studies: [Topic]. 4 Credits.**

Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.  
Prereq: J 201 with a grade better than C-.

**J 413. Communication Studies Capstone. 4 Credits.**

Draws on skills and knowledge learned in other communications studies and related courses to demonstrate competence in broad areas of research.  
Prereq: J 211, J 212, J 213, J 314 with a grade better than C-.

**J 415. Media Studies Research Methods. 4 Credits.**

This course provides the core skills necessary to critically evaluate scientific and analytic studies and conduct research in the media studies tradition. Students learn basic principles of media studies research methods, such as experiments, surveys, naturalistic observations, and interviews.  
Prereq: J 201, J 314.

**J 416. Survey of the Documentary. 4 Credits.**

Historical and critical survey of the documentary as a form of artistic expression and an instrument of social commentary. Majors, cinema studies majors, and media studies minors only.  
Prereq: J 201 with a grade better than C-.

**J 420. Documentary Pre-Production. 4 Credits.**

Students learn to research, plan, budget for, and develop a documentary film idea. They gain experience shooting a sizzle and pitching projects to potential producers. Several documentary forms will be explored, including portraits, ethnographies, interviews, personal stories, processes and events, and re-enactments.  
Prereq: J 208.

**J 421. Documentary Production. 4 Credits.**

Get experience shooting a short documentary worthy of broadcast screening, film festival exhibition, or another venue.  
Prereq: For SOJC students J 208 and J 420 with a grade better than C-. For CINE students: J 208 and permission of the instructor.

**J 422. Documentary Post-Production. 4 Credits.**

Trains students with to edit and do post-production work on their documentary film projects.  
Prereq: J 208, J 420, J 421.

**J 424H. Honors Theory and Research: [Topic]. 4 Credits.**

Uses a variety of theories and methods to closely examine and analyze contemporary problems and situations in media and communications. Acceptance into School of Journalism and Communication honors program required for enrollment. Repeatable once when topic changes for a maximum of 8 credits.

**J 425. Making the Virtual a Reality. 4 Credits.**

Introduces students to immersive media's rich foundational scholarship and arms students with theoretical and practical tools to assess trends like platformization, digital surveillance and algorithmic bias.  
Prereq: J 249 with a grade better than C-.

**J 427M. Latino Roots I. 4 Credits.**

Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 427M. Sequence with J 428M. Offered alternate years.

**J 428M. Latino Roots II. 4 Credits.**

Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 428M. Sequence with J 427M. Offered alternate years.  
Prereq: J 427M.

**J 429. Media Technologies and Society: [Topic]. 4 Credits.**

Explores the interrelationship between media technologies and social practices and processes in current and historical contexts. Majors and minors only. Repeatable three times for a maximum of 16 credits when topic changes. Open to MEST minors.  
Prereq: J 201 with a grade better than C-.



**J 430. Culture and Power in the Media: [Topic]. 4 Credits.**

Explores issues of culture, identity, and power, including the role media play in reinforcing social, political, and economic disparities. Majors and minors only. Repeatable three times for a maximum of 16 credits when topic changes.

Prereq: J 201 with a grade better than C-.

**J 431. Media Structures and Regulation: [Topic]. 4 Credits.**

Explores how the infrastructures and regulatory environments of national and global media institutions influence discourse, democracy, and public life. Majors and MEST minors only. Repeatable three times for a maximum of 16 credits when topic changes.

Prereq: J 201 with a grade better than C-.

**J 432. Reporting for Electronic Media. 4 Credits.**

Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.

Prereq: J 211, J 212, J 213, J 331, J 361 with a grade better than C-.

**J 434. Advanced Television News. 4 Credits.**

News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only.

Prereq: J 331, J 361, J 432 with a grade better than C-.

**J 436. Media Design: [Topic]. 4 Credits.**

Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.

Prereq: J 213, J 361 with a grade better than C-.

**J 443. Advertising Media Planning. 4 Credits.**

Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools.

Journalism: advertising majors only.

Prereq: J 213, J 342 with a grade better than C-.

**J 444. Agency Account Management. 4 Credits.**

The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.

Prereq: J 211, J 212, J 213, J 342 with a grade better than C-.

**J 448. Advertising Campaigns. 4 Credits.**

Seniors produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.

Prereq: three from J 443, J 444, J 457, J 458, J 459, J 460 with a grade better than C-.

**J 449. Advanced Advertising Campaigns. 5 Credits.**

Team experience of creating a professional-level advertising plan.

Students participate in a national competition. Journalism: advertising majors only.

**J 452. Strategic Public Relations Communication. 4 Credits.**

Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.

Prereq: J 352 with a grade better than C-.

**J 453. Strategic Planning and Cases. 4 Credits.**

Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.

Prereq: J 352 with a grade better than C-.

**J 454. Public Relations Campaigns. 4 Credits.**

Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.

Prereq: J 452, J 453; J 494 with a grade better than C-.

**J 457. Curiosity for Strategists. 4 Credits.**

Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.

Prereq: J 211, J 212, J 213, J 342 with a grade better than C-.

**J 458. Writing Design Concepts. 4 Credits.**

Conceptual problem-solving for traditional and emerging media.

Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.

Prereq: J 211, J 212, J 213, J 342 with a grade better than C-.

**J 459. Branding and Content. 4 Credits.**

Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. For Journalism: advertising majors only.

Prereq: J 211, J 212, J 213, J 342 with a grade better than C-.

**J 460. Brand Development: [Topic]. 4 Credits.**

Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable three times for a maximum of 16 credits when topic changes.

Prereq: J 211, J 212, J 213, J 342 with a grade better than C-.

**J 461. Newspaper Editing. 4 Credits.**

Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.

Prereq: J 211, J 212, J 213, J 361 with a grade better than C-.

**J 462. Reporting II. 4 Credits.**

In-depth reporting on public affairs and community news. Journalism majors only.

Prereq: J 211, J 212, J 213, J 361 with a grade better than C-.

**J 463. Specialized Reporting: [Topic]. 1-4 Credits.**

Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only. Repeatable.

Prereq: J 211, J 212, J 213, J 361 with a grade better than C-.

**J 466. Advanced Photojournalism: [Topic]. 4 Credits.**

Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.

Prereq: J 211, J 212, J 213, J 365 with a grade better than C-.

**J 467. Issues in International Communication: [Topic]. 4 Credits.**

Topics focus on global media issues. Majors and minors only; cinema studies majors for approved topics. Repeatable twice for a maximum of 12 credits when topic changes.

Prereq: J 201 with a grade better than C-.



**J 468. Advanced News Editing. 4 Credits.**

Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.  
Prereq: J 461 with a grade better than C-.

**J 469. OR Magazine. 4 Credits.**

Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

**J 475. Flux Production. 1-5 Credits.**

Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.  
Prereq: J 211, J 212, J 213, J 331, J 361 with a grade better than C-.

**J 477. Topics in Science of Science Communication: [Topic]. 4 Credits.**

This course dives deeply into issues related to the science of science communication, including more advanced exploration of health communication, decision making, numeracy, and environmental communication. Students will focus on developing research projects in consultation with the instructor. Repeatable twice for a maximum of 12 credits when topic changes.  
Prereq: J 377.

**J 478. Producing the Science Story: [Topic]. 4 Credits.**

This course focuses on producing stories about science for a variety of media. Students will incorporate research from the science of science communication in crafting story strategies for specific audiences. Additional focus will be on innovative storytelling strategies for complicated subjects using journalistic practice. Repeatable twice for a maximum of 12 credits when topic changes.  
Prereq: J 377.

**J 480. Public Relations: [Topic]. 4 Credits.**

Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

**J 482. Analog Games. 4 Credits.**

Analyzes analog games through genre-based modules (e.g., cards, dice, board games, etc.) that evaluate key issues in game history, mechanics and design, and social impacts.  
Prereq: J 249 with a grade better than C-.

**J 483. The Journalistic Interview. 4 Credits.**

Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.  
Prereq: J 213, J 361 with a grade better than C-.

**J 484. Game Journalism and Newsgames. 4 Credits.**

Ties together the coverage and use of games in journalism, showcasing how journalism shapes perceptions of gaming, key types of game reporting, and innovating storytelling approaches.  
Prereq: J 249 with a grade better than C-.

**J 485. Gamification and the Media. 4 Credits.**

Studies gamification (the use of game elements in non-game contexts) to help students analyze, critique, and make use of game elements in their own media production.  
Prereq: J 249 with a grade better than C-.

**J 486. Understanding Esports. 4 Credits.**

Explores and analyzes esports, (organized competitive video gaming,) addressing key issues around players and teams, business structures and management, diversity and inclusion, and media and communication.  
Prereq: J 249 with a grade better than C-.

**J 489. Media Entrepreneurship. 4 Credits.**

Media Entrepreneurship introduces students from journalism and communication-based fields to the fundamentals of the entrepreneurship and innovation, and gives them an opportunity to conceive, develop and test original media business ideas.  
Prereq: SOJC undergrads: Media studies: J 314 with a grade better than C-; Journalism: J 361 with a grade better than C-; Advertising: J 342 with a grade better than C-; Public relations: J 352 with a grade better than C-.

**J 494. Strategic Communications Research. 4 Credits.**

Introduction to how and why research is conducted and used by public relations and advertising professionals to formulate strategic campaigns and evaluate their effectiveness. Majors only.  
Prereq: J 342 or J 350.

**J 495. Research Methods: [Topic]. 4 Credits.**

Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Majors and minors only. Repeatable when topic changes for a maximum of 12 credits.  
Prereq: J 201 with a grade better than C-.

**J 500M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**J 503. Thesis. 1-9 Credits.**

Repeatable.

**J 507. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**J 508. Workshop: [Topic]. 1-6 Credits.**

Repeatable.

**J 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**J 511M. US Film Industry. 4 Credits.**

Traces the past and present of the U.S. film industry. Multilisted with CINE 511M.

**J 512. Issues in Communication Studies: [Topic]. 4 Credits.**

Uses a variety of theories and methods to examine specific aspects of media content, processes, and audiences. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.

**J 520. Documentary Pre-Production. 4 Credits.**

Students learn to research, plan, budget for, and develop a documentary film idea. They gain experience shooting a sizzle and pitching projects to potential producers. Several documentary forms will be explored, including portraits, ethnographies, interviews, personal stories, processes and events, and re-enactments.

**J 521. Documentary Production. 4 Credits.**

Get experience shooting a short documentary worthy of broadcast screening, film festival exhibition, or another venue.

**J 522. Documentary Post-Production. 4 Credits.**

Trains students with to edit and do post-production work on their documentary film projects.

**J 527M. Latino Roots I. 4 Credits.**

Documents Latino history in the racial history of what is now Oregon since 1500 and teaches students to conduct oral history interviews. Multilisted with ANTH 527M. Sequence with J 528M. Offered alternate years.

**J 528M. Latino Roots II. 4 Credits.**

Continuation of Latino Roots I, designed for producing a short documentary using oral history as the story. Covers basic theory and practice of digital film-video documentary production. Multilisted with ANTH 528M. Sequence with J 527M. Offered alternate years. Prereq: J 527M.

**J 529. Media Technologies and Society: [Topic]. 1-4 Credits.**

Explores the interrelationship between media technologies and social practices and processes in current and historical contexts. Majors and minors only. Repeatable three times for a maximum of 16 credits when topic changes. Open to MEST minors.

**J 530. Culture and Power in the Media: [Topic]. 4 Credits.**

Explores issues of culture, identity, and power, including the role media play in reinforcing social, political, and economic disparities. Majors and minors only. Repeatable three times for a maximum of 16 credits when topic changes.

**J 531. Media Structures and Regulation: [Topic]. 4 Credits.**

Explores how the infrastructures and regulatory environments of national and global media institutions influence discourse, democracy, and public life. Majors and MEST minors only. Repeatable three times for a maximum of 16 credits when topic changes.

**J 532. Reporting for Electronic Media. 4 Credits.**

Training in gathering, production, and presentation of news for the electronic media. Journalism majors only.

**J 534. Advanced Television News. 4 Credits.**

News gathering and production for television. Students produce live programming for local cable systems. Journalism majors only. Prereq: J 532 with a grade better than C-.

**J 536. Media Design: [Topic]. 4 Credits.**

Focuses on issues and techniques in picture and graphic editing, typography, and work-picture composition and interaction for long-form visual storytelling across legacy- and emerging-media platforms. Repeatable twice for a maximum of 12 credits.

**J 543. Advertising Media Planning. 4 Credits.**

Objectives and strategy for determining effective methods of reaching a designated target audience. Use of media measurement tools. Journalism: advertising majors only.

**J 544. Agency Account Management. 4 Credits.**

The role of the account executive in the advertising agency examined through case studies. Journalism: advertising majors only.

**J 548. Advertising Campaigns. 4 Credits.**

Graduate students produce a comprehensive campaign involving every aspect of advertising, ranging from market research through creative and media strategy formulation to execution. Journalism: advertising majors only.

Prereq: three from J 543, J 544, J 556, J 557, J 558, J 559, J 560.

**J 549. Advanced Advertising Campaigns. 5 Credits.**

Team experience of creating a professional-level advertising plan. Students participate in a national competition. Journalism: advertising majors only.

**J 552. Strategic Public Relations Communication. 4 Credits.**

Advanced writing lab emphasizing business communication, direct-to-consumer strategies and techniques, and effective use of web-based communication strategies. Journalism: public relations majors only.

**J 553. Strategic Planning and Cases. 4 Credits.**

Campaign planning, administration, crisis communication, and issues management, encompassing research, writing objectives and tactics, evaluation methods, and constructing budgets and timelines. Journalism: public relations majors only.

**J 554. Public Relations Campaigns. 4 Credits.**

Capstone course applying theory, skills, and a team-based approach to researching, planning, presenting, and implementing a campaign for a client. Professional portfolios presented and reviewed. Journalism: public relations majors only.

Prereq: J 552, J 553; one from J 594, J 595.

**J 557. Curiosity for Strategists. 4 Credits.**

Explores the building of intellectual curiosity as a problem-solving technique within the context of culture and media. Emphasis: critical thinking, readings, projects, performance. Journalism: advertising majors only.

**J 558. Writing Design Concepts. 4 Credits.**

Conceptual problem-solving for traditional and emerging media. Emphasis: conceptual development, advertising writing, design, campaigns, presentation of developed work. Journalism: advertising majors only.

**J 559. Branding and Content. 4 Credits.**

Capstone course on brand portfolio development for writers, art directors, and strategists. Emphasis: production, multiple-platform creative development, industry-focused portfolios. Journalism: advertising majors only.

**J 560. Brand Development: [Topic]. 4 Credits.**

Revolving topics on emerging issues in branding and advertising, including strategies in digital and interactive brand solutions, media decision-making, and sustainability. Journalism: advertising majors only. Repeatable three times for a maximum of 16 credits when topic changes.

**J 561. Newspaper Editing. 4 Credits.**

Copyediting, headline writing, and page design for newspapers in print and online; emphasis on grammar and style. Journalism majors only.

**J 562. Reporting II. 4 Credits.**

In-depth reporting on public affairs and community news. Journalism majors only.

**J 563. Specialized Reporting: [Topic]. 1-4 Credits.**

Reporting special topics, including the environment, business and economics, politics, health and medicine, science, and the arts; and digital and multiplatform journalism. Journalism majors only. Repeatable.

**J 566. Advanced Photojournalism: [Topic]. 4 Credits.**

Intensive visual reporting techniques, with emphasis on digital production, color, lighting, in-depth storytelling, documentary, and portfolio. Majors only. Repeatable three times for a maximum of 16 credits when topic changes.

**J 567. Issues in International Communication: [Topic]. 4 Credits.**

Topics focus on global media issues. Majors only. Repeatable twice for a maximum of 12 credits when topic changes.

**J 568. Advanced News Editing. 4 Credits.**

Advanced training in news editing under newsroom conditions. Discussion of issues in editing, headline writing, and news judgment. Includes work with web-based journalism. Focus on teamwork. Journalism majors only.  
Prereq: J 561 with a grade better than C-.

**J 569. OR Magazine. 4 Credits.**

Building skills in journalistic storytelling and multimedia production of a digital magazine for distribution via mobile devices. Repeatable once for a maximum of 8 credits.

**J 575. Flux Production. 1-5 Credits.**

Repeatable. Planning and production of "Flux" magazine. Students make and carry out assignments, write and edit stories, take photos, shoot video, sell advertising, and design the magazine. Repeatable for a maximum of 12 credits.

**J 577. Topics in Science of Science Communication: [Topic]. 4 Credits.**

This course dives deeply into issues related to the science of science communication, including more advanced exploration of health communication, decision making, numeracy, and environmental communication. Students will focus on developing research projects in consultation with the instructor. Repeatable twice for a maximum of 12 hours when topic changes.

**J 578. Producing the Science Story: [Topic]. 4 Credits.**

This course focuses on producing stories about science for a variety of media. Students will incorporate research from the science of science communication in crafting story strategies for specific audiences. Additional focus will be on innovative storytelling strategies for complicated subjects using journalistic practice. Repeatable twice for a maximum of 12 credits when topic changes.

**J 580. Public Relations: [Topic]. 4 Credits.**

Addresses a specific theory, method, or issue in the study and practice of public relations, such as international practice or strategic use of new media. Repeatable thrice when topic changes for a maximum of 16 credits.

**J 583. The Journalistic Interview. 4 Credits.**

Gathering information through asking questions. Literature and research findings on techniques of listening, nonverbal communication, and psychological dynamics of the interview relationship in journalistic situations. Journalism majors only.

**J 589. Media Entrepreneurship. 4 Credits.**

Media Entrepreneurship introduces students from journalism and communication-based fields to the fundamentals of the entrepreneurship and innovation, and gives them an opportunity to conceive, develop and test original media business ideas.

**J 594. Strategic Communications Research. 4 Credits.**

Introduction to how and why research is conducted and used by public relations and advertising professionals to formulate strategic campaigns and evaluate their effectiveness. Majors only.

**J 595. Research Methods: [Topic]. 4 Credits.**

Uses a variety of quantitative and qualitative methods to examine concepts and processes of research used in such areas as advertising, public relations, journalism, strategic communication, and communication studies. Journalism majors only. Repeatable when topic changes for a maximum of 12 credits.

**J 596. Communication Ethics and Law: [Topic]. 4 Credits.**

Analyses of ethical and legal issues confronting the communications industry using various ethical and legal theories, readings, and cases relevant to the specific topic. Majors only. Repeatable once for a maximum of 8 credits when topic changes.

**J 601. Research: [Topic]. 1-6 Credits.**

Repeatable for maximum of 16 credits.

**J 603. Dissertation. 1-16 Credits.**

Course may be repeated 25 times for credit after the initial instance.

**J 604. Internship: [Topic]. 1-6 Credits.**

Repeatable for maximum of 12 credits.

**J 605. Reading and Conference. 1-12 Credits.**

Repeatable.

**J 606. Practicum: [Topic]. 1-6 Credits.**

Repeatable for maximum of 16 credits.

**J 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**J 608. Workshop: [Topic]. 1-6 Credits.**

Repeatable for maximum of 16 credits.

**J 609. Terminal Project. 1-6 Credits.**

Repeatable for maximum of 6 credits.

**J 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**J 611. Mass Communication and Society. 4 Credits.**

Review of the literature of mass communication. Introduction to graduate study in journalism and communication.

**J 612. Media Theory I. 5 Credits.**

First in a three-part sequence introducing students to media theory, focusing on the social scientific tradition. Sequence with J 613, J 614.

**J 613. Media Theory II. 5 Credits.**

Second in a three-part sequence introducing students to media theory, focusing on critical approaches. Sequence with J 612, J 614.

Prereq: J 612.

**J 616. Introduction to Strategic Communication Marketing. 4 Credits.**

Discussion of fundamental marketing concepts from the perspective of the manager. Analysis of complex marketing challenges in research, segmentation, targeting, pricing, distribution, and branding.

**J 617. Strategic Communication Theory and Research: [Topic]. 4 Credits.**

Theory, research, and practice of strategic communication. Topics may include relationship management, risk communication, identity and culture, and social media theory. Repeatable when topic changes for a maximum of 20 credits.

Prereq: graduate standing.

**J 618. Strategic Communication Management. 4 Credits.**

Elements of managing and leading organizations; examination of key issues faced by leaders. Topics include leadership theory, leading change, dealing with conflict, and performance and strategic management.

**J 619. Teaching and the Professional Life. 4 Credits.**

Explores teaching strategies, curriculum development, and other aspects of academic professional life in journalism and communication.

**J 621. Foundations of Strategic Communication. 4 Credits.**

Reviews major theories, models, and practices in strategic communications. Theoretical topics include media effects and persuasion as applied to public relations, advertising, and other strategic communication.

**J 623. Creativity in Strategic Communication. 4 Credits.**

Explores the use of creative conceptual thinking as part of the strategic basis in successful communication campaigns.

**J 624. Strategic Communication: [Topic]. 2 Credits.**

Explores problems and specialized skills needed in strategic communication management. Examples include crisis communication, creativity in business, corporate social responsibility. Repeatable up to five times with change in topic.

**J 627. Foundations of Multimedia Journalism. 4 Credits.**

Serves as a foundation of theory and technique, with an introduction to storytelling forms, technical production skills, and the visual language. Students will learn how to use the tools of the trade so that they can communicate effectively with other multimedia journalists.

**J 628. Multimedia Journalism Practices. 4 Credits.**

Building on the J 627 course, students create a narrative video project that focuses on visual storytelling, character development, and present-tense storytelling.

**J 629. Media and Communication Ethics: [Topic]. 4 Credits.**

This course explores ethical issues facing media workers and media users in culture and society today. Topics may include digital ethics, strategic communication ethics, visual ethics and global media ethics.

**J 635. Thinking Story. 4 Credits.**

Recognize and use fundamental approaches to narrative storytelling to create dynamic and engaging multimedia projects.

**J 639. Foundations of Explanatory Video Journalism. 4 Credits.**

Students explore and practice concepts in visual explanation and explanatory video.

**J 641. Qualitative Research Methods. 4 Credits.**

Introduces qualitative research methods including traditional historical inquiry, oral history, ethnography, and participant observation.

**J 642. Quantitative Research Methods. 4 Credits.**

Introduces and analyzes quantitative research methods in terms of design, measurement, inference, and validity. Focuses on conceptualization in communication research.

**J 643. Advanced Doctoral Seminar. 5 Credits.**

Seminar participants demonstrate competence in broad families of social research by drawing on skills and knowledge obtained in J 612, J 613, J 614, J 641, and J 642.

Prereq: J 612, J 613, J 614, J 641, J 642.

**J 644. Philosophy of Communication. 4 Credits.**

Explores the philosophical foundations of communication in the United States, including political philosophies that range from Milton to McLuhan.

**J 646. Political Economy of Communication. 4 Credits.**

Introduction to the political economy of communication. Includes such issues as ownership and control patterns; the role of the state; labor; intellectual property rights; and international markets.

**J 648. Cultural Approaches to Communication. 4 Credits.**

Examination of communication and mediated communication as cultural processes in the production and reproduction of social systems.

**J 649. International Communication. 4 Credits.**

Examines global communication structures and processes and their consequences. Topics include new technologies, news and information organizations, cross-cultural uses of Western media, and information policies.

**J 654. Reporting within Communities. 4 Credits.**

Students explore and practice emerging "community-first" concepts of journalism and reporting to identify the needs of the communities served, codesigning processes and solutions to keep them engaged.

**J 656. Producing the Story. 4 Credits.**

Students work collaboratively to create a compelling, ethical work of journalism with impact, applying all aspects of community engagement, reporting, storytelling, and production skills learned in previous terms.

**J 660. Advanced Research Methods: [Topic]. 4 Credits.**

Explores specific qualitative or quantitative communication research methods. Topics may include discourse analysis, oral history, historical methods, legal methods, content analysis, and survey methods. Repeatable when topic changes.

Prereq: J 641 or J 642, depending on topic.

**J 663. Foundations of Strategic Sport Communication. 4 Credits.**

Presents and reviews major theories, models, and practices in sports communication. Theoretical topics include sports media effects and persuasion as applied to broadcast, public relations, advertising, and other strategic communication. Cultural, societal and industry relevance also discussed.

**J 664. Foundations in Immersive Media. 4 Credits.**

Students will explore the uses of virtual worlds, augmented, virtual, and extended reality through the strategic lens of communications (marketing, advertising, branding) and community building. Students will investigate the attributes of the technologies that create both opportunities and barriers to adoption and effective use.

**J 665. Immersive Media Psychology. 4 Credits.**

This course offers an overview of media psychology with an emphasis on emerging media platforms. Students learn why humans consume certain types of media content and gain an understanding of the affective, behavioral, and cognitive implications of media messages in order to better understand audiences.

**J 669. Creating for Immersive Platforms. 4 Credits.**

An introduction to the tools used for designing and building virtual reality (VR) and augmented reality (AR) experiences. Students learn to build interactive VR scenes, mobile augmented visuals and foundational skills for building real-time ready assets. Students also gain understanding of immersive media production pipelines.

## Judaic Studies Courses

### Courses

**JDST 199. Special Studies: [Topic]. 1-12 Credits.**

Repeatable.

**JDST 212. Medieval and Early Modern Judaism. 4 Credits.**

Interdisciplinary introduction to Jewish life, literature, religion, culture, and thought in the Middle Ages and early modern times in both Muslim and Christian environments.

**JDST 213. The Jewish Encounter with Modernity. 4 Credits.**

The course investigates contemporary American Jewish Culture by focusing on the shifting cultural transformation from European Jewry.



**JDST 330. American Jewish Cultures. 4 Credits.**

American Jewish culture, ritual, identity, institutions from 1880s to the present. Examines pluralism within American Jewish community and relationships with other religious and ethnic groups.

**JDST 352. Jewish Literature and Culture. 4 Credits.**

Focuses on Jewish literature, the figure of the Jew in literature, and Jewish culture. Possible topics include but are not limited to the writings of Franz Kafka, the Shtetl, the Jewish memoir, etc.

**JDST 353. Jewish Image and Media. 4 Credits.**

Focuses on visual and intermedialities through a Jewish lens. Possible topics include but are not limited to Jewish Hollywood, Jewish Graphic Novels, Jewish Humor on TV, etc. Student discussion, oral presentations, and written papers. Readings and discussions in English.

**JDST 354. Jewish Thought and History. 4 Credits.**

Focuses on Jewish philosophy, critical theory, and history. Possible topics included but are not limited to: Contemporary Jewish Philosophy, the writings of Emanuel Levinas, Spinoza, Modern Jewish History, etc.

**JDST 399. Special Studies: [Topic]. 1-12 Credits.**

Repeatable.

**JDST 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**JDST 402. Supervised College Teaching. 1-12 Credits.**

Repeatable.

**JDST 403. Thesis. 1-12 Credits.**

Repeatable.

**JDST 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**JDST 405. Reading and Conference: [Topic]. 1-12 Credits.**

Repeatable.

**JDST 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**JDST 407. Seminar: [Topic]. 1-16 Credits.**

Repeatable.

**JDST 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**JDST 409. Terminal Project. 1-12 Credits.**

Repeatable.

**JDST 410. Experimental Course: [Topic]. 1-16 Credits.**

Repeatable.

**JDST 510. Experimental Course: [Topic]. 1-16 Credits.**

Repeatable.

**JDST 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

## Korean Courses

### Courses

**KRN 101. First-Year Korean. 5 Credits.**

Introduction to basic Korean grammar, syllabary, conversation, and characters. Offered annually with KRN 201, KRN 202, KRN 203.

**KRN 102. First-Year Korean. 5 Credits.**

Introduction to basic Korean grammar, syllabary, conversation, and characters.

Prereq: KRN 101.

**KRN 103. First-Year Korean. 5 Credits.**

Introduction to basic Korean grammar, syllabary, conversation, and characters.

Prereq: KRN 102.

**KRN 151M. Introduction to Korean Cinema. 4 Credits.**

Surveys Korean national cinema, from the earliest days of the medium to the present. Multilisted with CINE 151M.

**KRN 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**KRN 201. Second-Year Korean. 5 Credits.**

Continued development of skills in speaking, reading, and writing Korean. Introduction of additional characters. Offered annually with KRN 101, KRN 102, KRN 103.

Prereq: KRN 103 or equivalent.

**KRN 202. Second-Year Korean. 5 Credits.**

Continued development of skills in speaking, reading, and writing Korean. Introduction of additional characters.

Prereq: KRN 201.

**KRN 203. Second-Year Korean. 5 Credits.**

Continued development of skills in speaking, reading, and writing Korean. Introduction of additional characters.

Prereq: KRN 202.

**KRN 301. Third Year Korean. 5 Credits.**

Develops advanced language skills in Korean with focus on literary and cultural texts, writing, and oral skills. Sequence with KRN 302, KRN 303.

Prereq: KRN 203

**KRN 302. Third-Year Korean. 5 Credits.**

Develops advanced language skills in Korean with focus on literary and cultural texts, writing, and oral skills. Sequence with KRN 301, KRN 303.

Prereq: KRN 301.

**KRN 303. Third-Year Korean. 5 Credits.**

Develops advanced language skills in Korean with focus on literary and cultural texts, writing, and oral skills. Sequence with KRN 301, KRN 302.

Prereq: KRN 302.

**KRN 309. Languages and Cultural Formation in Korea. 4 Credits.**

Examines the roles that languages and literacies played in the formation of Korean culture from a socio-historical linguistic perspective.

**KRN 315. Introduction to Korean Linguistics. 4 Credits.**

Surveys general characteristics of the Korean language and places them in their cultural and historical context.

Prereq: KRN 103.

**KRN 361. Korean Popular Culture and Transnationalism. 4 Credits.**

Explores contemporary South Korean popular culture in a global frame and key issues in cultural transnationalization.

**KRN 362M. Contemporary Korean Film. 4 Credits.**

Introduction to contemporary South Korean film. Explores changes in film culture, practice, and industry in relation to social changes since the early 1990s. Offered alternate years. Multilisted with CINE 362M.

**KRN 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**KRN 403. Thesis. 1-6 Credits.**

Repeatable for a maximum of 6 credits.

**KRN 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**KRN 503. Thesis. 1-6 Credits.**

Repeatable.



**KRN 510. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**KRN 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**KRN 609. Terminal Project. 1-12 Credits.**  
Repeatable.

## Labor Education and Research Center Courses

### Courses

**LERC 401. Research: [Topic]. 1-21 Credits.**  
Repeatable.

**LERC 405. Reading and Conference: [Topic]. 1-21 Credits.**  
Repeatable.

**LERC 406. Field Studies: [Topic]. 1-12 Credits.**  
Repeatable. Supervised activity related to areas such as labor education, local union administration, and job safety and health.

**LERC 407. Seminar: [Topic]. 1-5 Credits.**  
Repeatable. Only a few seminars can be offered each year. Recent topics are Arbitration, Contemporary Labor Problems, Occupational Safety and Health Issues, The Role of Unions in the United States, Selected Issues in Public Employment Relations, Unions and Workforce Development, Workers' Compensation.

**LERC 408. Workshop: [Topic]. 1-21 Credits.**  
Repeatable.

**LERC 410. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable. Topics include Bargaining Simulations, Techniques of Labor Education, Unions and Technology.

**LERC 507. Seminar: [Topic]. 1-5 Credits.**  
Repeatable. Only a few seminars can be offered each year. Recent topics are Arbitration, Contemporary Labor Problems, Occupational Safety and Health Issues, The Role of Unions in the United States, Selected Issues in Public Employment Relations, Unions and Workforce Development, Workers' Compensation.

**LERC 508. Workshop: [Topic]. 1-21 Credits.**  
Repeatable.

**LERC 510. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable. Topics include Bargaining Simulations, Techniques of Labor Education, Unions and Technology.

**LERC 601. Research: [Topic]. 1-16 Credits.**  
Repeatable.

**LERC 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**LERC 606. Field Studies: [Topic]. 1-12 Credits.**  
Repeatable.

**LERC 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

## Landscape Architecture Courses

### Courses

**LA 196. Field Studies: [Topic]. 1-12 Credits.**  
Repeatable.

**LA 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**LA 227. Introduction to Landscape Architecture. 2 Credits.**  
Exploring the background and scope of the profession: its history, ethics, goals, skills, topics, achievements, and evolving challenges in making healthy, functional, and beautiful places.

**LA 260. Understanding Landscapes. 4 Credits.**  
The goal of this course is to expand your understanding, perception, and knowledge of landscapes as cultural artifacts and the physical form of invisible processes, histories, culture, people, animals, politics, and events.

**LA 289. Landscape Architectural Design. 6 Credits.**  
Study of places, their use, and how they evolve. Fundamentals of environmental awareness, social factors, and small-scale site design; abstract design and elementary graphic techniques. Repeatable.

**LA 301. Environmental Design Careers. 2 Credits.**  
Developing skills in strategizing career options and mapping to degree plan. Overview of professional communication, resume and cover letter writing, interviewing and networking skills. This course's credit contribution to the completion of the Bachelor's degree is limited by General Limitations 3 d).

**LA 326. Plants: Fall. 4 Credits.**  
Characteristics, identification, and design uses of deciduous trees, shrubs, vines, and ground covers. Emphasis on identification and appropriate use in landscape design.

**LA 327. Plants: Winter. 4 Credits.**  
Characteristics, identification, and design uses of ornamental conifers and broad-leaved evergreen trees, shrubs, and ground covers.  
Prereq: LA 326.

**LA 328. Spring Plants. 4 Credits.**  
Focuses on flowering plants, their identification, design use, and ecosystem services they provide. Plant identification focuses on flowering trees and shrubs, groundcovers and perennials, with the intention of understanding how flowering plants may be used in design to support both human needs and ecosystem functions.

**LA 337. Landscape Field Work: [Topic]. 1-4 Credits.**  
Direct examination and appraisal of the function, form, content, and composition of example landscapes in relation to ecological, cultural, legal, technical, aesthetic, and economic objectives. Repeatable twice for maximum of 12 credits.

**LA 352. Digital Landscape Media. 2-4 Credits.**  
Introductory survey and skill development in a range of basic computer graphic tools used in landscape architecture. Includes image processing, computer drawing, modeling, and drafting. Repeatable once for maximum of 8 credits.

**LA 362. Landscape Technologies I. 4 Credits.**  
Develops understanding of contours, contour manipulation, and site engineering methodologies in the design of places; fundamentals of inclusive design, stormwater management, earthwork, and design development.

**LA 366. Landscape Technologies II. 4 Credits.**  
Consideration of aesthetic and engineering properties of materials and processes of landscape construction; communication of design intent through documentation including sources and costs.

**LA 375. Contemporary American Landscape. 4 Credits.**

The course examines ideas, places, and experiences of particular contemporary significance, symbolism or iconic value in the contemporary American landscape, and studies the landscape as an expression of American culture.

**LA 390. Urban Farm. 2-4 Credits.**

Experimentation with food production in the city; rebuilding urban soils; farm animal-plant relationships; nutrient cycles. Cooperative food production and distribution; use of appropriate technologies. Repeatable.

**LA 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**LA 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**LA 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**LA 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**LA 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable twice.

**LA 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable once.

**LA 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable. Concentrated programs of study on special topics. Regular offerings include Fire Ecology and Management, Landscape Design.

**LA 409. Terminal Project. 1-12 Credits.**

Repeatable.

**LA 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**LA 413. Analyzing Landscape Systems. 4 Credits.**

Develops skills for collecting data and understanding how landscapes function in space and time to inform good decision-making in planning and design.

Prereq: one course in geography or biology or environmental studies.

**LA 415. Computers in Landscape Architecture. 4 Credits.**

Repeatable. Development, application, and evaluation of computer systems for land use and site planning (e.g., geographic information systems); encoding of data, cell storage, and analysis systems.

**LA 417. Computer-Aided Landscape Design. 2-4 Credits.**

Understanding and use of computer-aided drafting and design technology for executing landscape design development, evaluation, and presentation tasks.

**LA 429. Civic Agriculture. 4 Credits.**

Exploring the impact and subsequent reversal of industrialized food systems through community driven production, distribution and equity methods, foodshed resiliency creation and ecologically literate agriculture practice.

**LA 439. Landscape Architectural Design and Process. 6 Credits.**

Intermediate problems in landscape architecture design. Relations among problem concepts, goals, design theory, communication media, and technical analysis. Repeatable four times for a total of 30 credits.

Prereq: LA 289.

**LA 440. Introduction to Landscape Planning Analysis. 4 Credits.**

Principles of designing land- and waterscapes for human use and settlement. Ecological, social, and economic analyses of landscapes, resources, and patterns of occupancy in the Eugene-Springfield area.

Prereq: LA 413.

**LA 441. Principles of Applied Ecology. 2-6 Credits.**

Application of ecological concepts to landscape design, planning, and management. Emphasis on spatially explicit problem-solving over a range of spatial and temporal scales.

Prereq: one course in ecology.

**LA 450. Advanced Landscape Media: [Topic]. 2-4 Credits.**

Advanced landscape media skills in a variety of media, including 2D and 3D digital skills, visual data representation, and remote data sensing. Repeatable up to three times for a maximum of 12 credits.

**LA 451. Landscape Media I. 2 Credits.**

Landscape Media I is the first course in a yearlong foundational landscape media sequence. The course focuses on fundamental concepts of cartography, diagramming movement and change, and conceptually representing design ideas, and introduces students to graphic design fundamentals.

**LA 452. Landscape Media II. 2 Credits.**

Landscape Media II is the second course in a yearlong foundational landscape media sequence. The course explores a variety of media, computer applications, analog approaches, workflows, and theoretical ideas in the context of landform, topography, and grading as both a design process and representation product.

**LA 453. Landscape Media III. 2 Credits.**

Landscape Media III is the third course in a yearlong foundational landscape media sequence. The course focuses on the visual communication of constructing the landscape, from sketching materials and assemblies, to preparing construction documentation drawings.

**LA 459. Landscape Technology Topics. 1-4 Credits.**

Intensive study of topics in landscape construction and maintenance.

Topics include irrigation, lighting, special structures, water management, and road design. Repeatable thrice for maximum of 10 credits.

**LA 462. Professional Practice Landscape Architecture. 2 Credits.**

Introduces students to key aspects of professional practice, fundamental professional skills, and professional career planning. Includes licensure, legal aspects of landscape architecture, career options, business management, and project management.

**LA 464. Landscape Materials and Construction I. 4 Credits.**

Landscape Materials and Construction I is the first course in a three-term sequence, with a primary focus on plants as a medium of landscape architectural design. It is an introduction to plants from the point of view of the landscape architect or architectural designer.

**LA 465. Landscape Materials and Construction II. 4 Credits.**

Landscape Materials and Construction I is the second of the three-term long Landscape Materials and Construction sequence, with a primary focus on landform as a medium of landscape architectural design and landscape engineering for accessibility, safety, and sustainability.

Prereq: LA 464.

**LA 466. Landscape Materials and Construction III. 4 Credits.**

Landscape Materials and Construction III is the third of the three-term long Landscape Materials and Construction sequence, with a primary focus on structures, material assemblies, and vegetation on and in buildings as media of landscape architectural design.

Prereq: LA 465.

**LA 472. Landscape Architectural Theory: [Topic]. 4 Credits.**

This course examines theories and the role of theory in landscape architecture. Each offering explores landscape theory through a different lens, including the analysis and design of landscapes, the creation of built works, and the discussion and critique of projects. Repeatable three times for a maximum of 16 credits.

**LA 474. History of Landscape Architecture I. 4 Credits.**

First in a sequence covering the history of landscape architecture. Explores the history and theory of the designed landscape from the beginnings of human settlement to the 19th century.

**LA 475. History of Landscape Architecture II. 4 Credits.**

The second in a sequence of two classes covering the history of landscape architecture, from the 19th century to the late 20th century. Prereq: LA 474.

**LA 489. Site Planning and Design. 6 Credits.**

Advanced problems in landscape architecture, cultural determinants of site planning and design, design development and natural systems and processes as indicators of carrying capacity. Repeatable three times. Prereq: LA 362, LA 366, LA 439.

**LA 490. Comprehensive Project Preparation. 3 Credits.**

Finding, describing, programming, and probing environmental opportunities and problems.

**LA 494. Land Planning and Design. 6 Credits.**

Problems in landscape architecture of increased cultural complexity. Land use planning, computer-aided ecological analysis of land, environmental impact, urban and new community design. Prereq: LA 489; fifth-year standing for undergraduates.

**LA 499. Comprehensive Project. 8 Credits.**

Advanced planning and design projects in landscape architecture. Studio development of individually selected projects. Prereq: LA 490.

**LA 503. Thesis. 1-16 Credits.**

Repeatable.

**LA 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable once.

**LA 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable. Concentrated programs of study on special topics. Regular offerings include Fire Ecology and Management, Landscape Design.

**LA 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**LA 513. Analyzing Landscape Systems. 4 Credits.**

Develops skills for collecting data and understanding how landscapes function in space and time to inform good decision-making in planning and design.

**LA 515. Computers in Landscape Architecture. 4 Credits.**

Development, application, and evaluation of computer systems for land use and site planning (e.g., geographic information systems); encoding of data, cell storage, and analysis systems. Repeatable.

**LA 517. Computer-Aided Landscape Design. 2-4 Credits.**

Understanding and use of computer-aided drafting and design technology for executing landscape design development, evaluation, and presentation tasks.

**LA 529. Civic Agriculture. 4 Credits.**

Exploring the impact and subsequent reversal of industrialized food systems through community driven production, distribution and equity methods, foodshed resiliency creation and ecologically literate agriculture practice.

**LA 539. Landscape Architectural Design and Process. 6 Credits.**

Intermediate problems in landscape architecture design. Relations among problem concepts, goals, design theory, communication media, and technical analysis. Repeatable four times for a total of 30 credits.

**LA 540. Introduction to Landscape Planning Analysis. 4 Credits.**

Principles of designing land- and waterscapes for human use and settlement. Ecological, social, and economic analyses of landscapes, resources, and patterns of occupancy in the Eugene-Springfield area. Prereq: LA 513.

**LA 541. Principles of Applied Ecology. 2-6 Credits.**

Application of ecological concepts to landscape design, planning, and management. Emphasis on spatially explicit problem-solving over a range of spatial and temporal scales. Prereq: one course in the natural sciences.

**LA 550. Advanced Landscape Media: [Topic]. 2-4 Credits.**

Advanced landscape media skills in a variety of media, including 2D and 3D digital skills, visual data representation, and remote data sensing. Repeatable up to 3 times for a maximum of 12 credits when the topic changes.

**LA 551. Landscape Media I. 2 Credits.**

Landscape Media I is the first course in a yearlong foundational landscape media sequence. The course focuses on fundamental concepts of cartography, diagramming movement and change, and conceptually representing design ideas, and introduces students to graphic design fundamentals.

**LA 552. Landscape Media II. 2 Credits.**

Landscape Media II is the second course in a yearlong foundational landscape media sequence. The course explores a variety of media, computer applications, analog approaches, workflows, and theoretical ideas in the context of landform, topography, and grading as both a design process and representation product.

**LA 553. Landscape Media III. 2 Credits.**

Landscape Media III is the third course in a yearlong foundational landscape media sequence. The course focuses on the visual communication of constructing the landscape, from sketching materials and assemblies, to preparing construction documentation drawings.

**LA 559. Landscape Technology Topics. 1-4 Credits.**

Intensive study of topics in landscape construction and maintenance. Topics include irrigation, lighting, special structures, water management, and road design. Repeatable thrice for maximum of 10 credits.

**LA 562. Professional Practice of Landscape Architecture. 2 Credits.**

Introduces students to key aspects of professional practice, fundamental professional skills, and professional career planning. Includes licensure, legal aspects of landscape architecture, career options, business management, and project management.

**LA 564. Landscape Materials and Construction I. 4 Credits.**

Landscape Materials and Construction I is the first course in a three-term sequence, with a primary focus on plants as a medium of landscape architectural design. It is an introduction to plants from the point of view of the landscape architect or architectural designer.

**LA 565. Landscape Materials and Construction II. 4 Credits.**

Landscape Materials and Construction I is the second of the three-term long Landscape Materials and Construction sequence, with a primary focus on landform as a medium of landscape architectural design and landscape engineering for accessibility, safety, and sustainability.

**LA 566. Landscape Materials and Construction III. 4 Credits.**

Landscape Materials and Construction III is the third of the three-term long Landscape Materials and Construction sequence, with a primary focus on structures, material assemblies, and vegetation on and in buildings as media of landscape architectural design.

**LA 572. Landscape Architectural Theory: [Topic]. 4 Credits.**

This course examines theories and the role of theory in landscape architecture. Each offering explores landscape theory through a different lens, including the analysis and design of landscapes, the creation of built works, and the discussion and critique of projects. Repeatable three times for a maximum of 16 credits.

**LA 574. History of Landscape Architecture I. 4 Credits.**

First in a sequence covering the history of landscape architecture. Explores the history and theory of the designed landscape from the beginnings of human settlement to the 19th century.

**LA 575. History of Landscape Architecture II. 4 Credits.**

The second in a sequence of two classes covering the history of landscape architecture, from the 19th century to the late 20th century.

**LA 589. Site Planning and Design. 6 Credits.**

Advanced problems in landscape architecture, cultural determinants of site planning and design, design development and natural systems and processes as indicators of carrying capacity. Repeatable three times. Prereq: LA 539.

**LA 594. Land Planning and Design. 6 Credits.**

Problems in landscape architecture of increased cultural complexity. Land-use planning, computer-aided ecological analysis of land, environmental impact, urban and new community design. Prereq: LA 489/589.

**LA 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**LA 603. Dissertation. 1-16 Credits.**

Repeatable.

**LA 604. Internship: [Topic]. 1-9 Credits.**

Repeatable.

**LA 605. Special Problems: [Topic]. 1-16 Credits.**

Repeatable.

**LA 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable twice.

**LA 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable. A recent topic is Introduction to Landscape Literature.

**LA 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable. Intensive study combining practical projects with instruction on special topics related to landscape problems.

**LA 609. Terminal Project. 1-16 Credits.**

Repeatable.

**LA 610. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**LA 620. Landscape Research Methods I. 2-4 Credits.**

Contemporary research issues and strategies. Theories, approaches, and techniques applicable to topics and problems in landscape architecture. Sequence with LA 621.

**LA 621. Landscape Research Methods II. 2-4 Credits.**

Contemporary research issues and strategies. Theories, approaches, and techniques applicable to topics and problems in landscape architecture. Sequence with LA 620.

Prereq: LA 620.

**LA 699. Master's Project. 2-10 Credits.**

Student-directed and executed performance and communication of original research or project work to demonstrate advanced mastery of landscape architecture. Repeatable.

## Language Teaching Courses

### Courses

**LT 199. Special Studies: [Topic]. 1-5 Credits.**

Various languages offered through the Yamada Language Center. Repeatable when topic changes.

**LT 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**LT 402. Supervised College Teaching. 1-12 Credits.**

Repeatable.

**LT 405. Reading and Conference: [Topic]. 1-12 Credits.**

Repeatable four times for a maximum of 16 credits.

**LT 406. Supervised Tutoring. 1-4 Credits.**

Repeatable twice for a maximum of 8 credits.

**LT 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**LT 409. Terminal Project. 1-12 Credits.**

Repeatable.

**LT 410. Experimental Course: [Topic]. 1-8 Credits.**

Repeatable twice for a maximum of 8 credits.

**LT 428. Teaching English Culture and Literature. 4 Credits.**

The interaction between language and culture as it relates to second-language teaching. Application to the teaching of literature.

**LT 434. Language Learning in Context. 4 Credits.**

This course is designed to sensitize future language professionals to the complex global and local dynamics in language use and vitality, and to enable them to make informed decisions about choosing appropriate approaches to instructional design for particular populations, including classroom and non-classroom instruction.

**LT 435. Language Learning Design. 4 Credits.**

Theoretical and research-based approaches to designing second language learning experiences.

**LT 436. Design for Learning Language Systems. 4 Credits.**

Application of language learning design to word, sentence, and discourse-level systems in listening, speaking, reading, and writing second languages.

Prereq: LING 444, LT 435.

**LT 437. Second-Language Teaching Practice. 4 Credits.**

Intensive workshop and practice in language instruction. Team-teaching of weekly English as a spoken language course including designing activities and creating materials. Sequence with LT 435, LT 436. Prereq: LT 435. Pre- or coreq: LT 436.

**LT 438. Design for Language Learning Pragmatics. 4 Credits.**

Designed to engage students in the teaching and learning of pragmatics using theoretical and empirical inquiry to examine first language and second language pragmatic behaviors, intercultural communication, and classroom practice. Special topics to be addressed include research methodology, and pragmatic competence and language learning.

**LT 439. Design for Language Learning Pronunciation. 4 Credits.**

Approaches to supporting the learning of pronunciation for any second language, including lesson plan development and practice teaching.

**LT 441. Teaching English Pronunciation. 4 Credits.**

Introduction to English phonetics and phonology, methods for teaching pronunciation, lesson plan development, and practice teaching.



**LT 448. Curriculum and Materials Development. 5 Credits.**

Introduction to elements of curriculum design and related materials development. Development and implementation of language curriculum. Practical application.  
Prereq: LT 436.

**LT 449. Measuring Language Ability. 5 Credits.**

Principles and types of language testing; focuses on how to assess language learners' abilities in a variety of contexts.  
Prereq: LT 436.

**LT 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable twice for a maximum of 8 credits.

**LT 510. Experimental Course: [Topic]. 1-8 Credits.**

Repeatable twice for a maximum of 8 credits.

**LT 528. Teaching English Culture and Literature. 4 Credits.**

The interaction between language and culture as it relates to second-language teaching. Application to the teaching of literature.

**LT 534. Language Learning in Context. 4 Credits.**

This course is designed to sensitize future language professionals to the complex global and local dynamics in language use and vitality, and to enable them to make informed decisions about choosing appropriate approaches to instructional design for particular populations, including classroom and non-classroom instruction.

**LT 535. Language Learning Design. 4 Credits.**

Theoretical and research-based approaches to designing second language learning experiences.  
Prereq: LING 540 or LING 544.

**LT 536. Design for Learning Language Systems. 4 Credits.**

Application of language learning design to word, sentence, and discourse-level systems in listening, speaking, reading, and writing second languages.  
Prereq: LING 544, LT 535.

**LT 537. Second-Language Teaching Practice. 4 Credits.**

Intensive workshop and practice in language instruction. Team-teaching of weekly English as a spoken language course including designing activities and creating materials. Sequence with LT 535, LT 536.  
Prereq: LT 535. Pre- or coreq: LT 536

**LT 538. Design for Language Learning Pragmatics. 4 Credits.**

Designed to engage students in the teaching and learning of pragmatics using theoretical and empirical inquiry to examine first language and second language pragmatic behaviors, intercultural communication, and classroom practice. Special topics to be addressed include research methodology, and pragmatic competence and language learning.

**LT 539. Design for Language Learning Pronunciation. 4 Credits.**

Approaches to supporting the learning of pronunciation for any second language, including lesson plan development and practice teaching.

**LT 541. Teaching English Pronunciation. 4 Credits.**

Introduction to English phonetics and phonology, methods for teaching pronunciation, lesson plan development, and practice teaching.

**LT 548. Curriculum and Materials Development. 5 Credits.**

Introduction to elements of curriculum design and related materials development. Development and implementation of language curriculum. Practical application.  
Prereq: LT 536.

**LT 549. Measuring Language Ability. 5 Credits.**

Principles and types of language testing; focuses on how to assess language learners' abilities in a variety of contexts.  
Prereq: LT 536.

**LT 604. Internship: [Topic]. 1-9 Credits.**

Repeatable.

**LT 605. Reading and Conference: [Topic]. 1-9 Credits.**

Repeatable five times for a maximum of 21 credits.

**LT 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**LT 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable five times for a maximum of 16 credits.

**LT 608. Workshop: [Topic]. 1-5 Credits.**

Repeatable five times for a maximum of 16 credits.

**LT 609. Terminal Project. 1-16 Credits.**

Repeatable.

**LT 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable twice for a maximum of 8 credits.

**LT 611. Terminal Project. 1-7 Credits.**

Two-term course required to complete an MA in language teaching specialization. Individual projects. Weekly group sessions provide guidance. Repeatable once for a maximum of 7 credits.  
Prereq: LT 536.

## Latin Courses

### Courses

**LAT 101. First-Year Latin. 5 Credits.**

Fundamentals of Latin grammar; selected readings from classical and medieval authors.

**LAT 102. First-Year Latin. 5 Credits.**

Fundamentals of Latin grammar; selected readings from classical and medieval authors.  
Prereq: LAT 101 or equivalent.

**LAT 103. First-Year Latin. 5 Credits.**

Fundamentals of Latin grammar; selected readings from classical and medieval authors.  
Prereq: LAT 102 or equivalent.

**LAT 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**LAT 301. Authors: [Topic]. 4 Credits.**

Second-year Latin: selections from Caesar, with focus on reading and syntax. Repeatable when reading material changes.

**LAT 302. Authors: [Topic]. 4 Credits.**

Second-year Latin: selections from Virgil's Aeneid, with focus on reading and syntax. Repeatable when reading material changes.

**LAT 303. Authors: [Topic]. 4 Credits.**

Second-year Latin: selections from major Roman authors with focus on reading and syntax. Recent authors are Cicero, Terence, Tibullus. Repeatable when reading material changes.

**LAT 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**LAT 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**LAT 403. Thesis. 1-12 Credits.**

Repeatable.

**LAT 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.



**LAT 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**LAT 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**LAT 409. Terminal Project. 1-12 Credits.**

Repeatable.

**LAT 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**LAT 411. Authors: [Topic]. 4 Credits.**

Repeatable. Each term devoted to a different author or literary genre: Catullus, Tacitus, Juvenal, Pliny, Ovid, Lucretius, comedy, philosophy, elegy, epic, satire. Repeatable when topic changes.

**LAT 503. Thesis. 1-16 Credits.**

Repeatable.

**LAT 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**LAT 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**LAT 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**LAT 511. Authors: [Topic]. 4 Credits.**

Repeatable. Each term devoted to a different author or literary genre: Catullus, Tacitus, Juvenal, Pliny, Ovid, Lucretius, comedy, philosophy, elegy, epic, satire. Repeatable when topic changes.

**LAT 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**LAT 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**LAT 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**LAT 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**LAT 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**LAT 609. Terminal Project. 1-16 Credits.**

Repeatable.

**LAT 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

## Latin American Studies Courses

**LAS 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable twice when topic changes for a maximum of 15 credits.

**LAS 200. Introduction to Latin American Studies. 4 Credits.**

Introduction to the history, peoples, and cultures of Latin America and of the Latino population in the United States.

**LAS 211. Latin American Humanities: [Topic]. 4 Credits.**

Focuses on the comparative study of Latin American cultural and intellectual traditions. Introduces scholarship in the humanities about Latin American and U.S. Latinos. Repeatable once for a maximum of 8 credits when topic changes.

**LAS 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable twice when topic changes for a maximum of 15 credits.

**LAS 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**LAS 401. Research: [Topic]. 1-4 Credits.**

Repeatable.

**LAS 403. Thesis. 1-4 Credits.**

Repeatable.

**LAS 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**LAS 405. Reading and Conference: [Topic]. 1-4 Credits.**

Repeatable.

**LAS 407. Seminar: [Topic]. 4 Credits.**

Repeatable.

**LAS 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable twice when topic changes for a maximum of 15 credits.

**LAS 500M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**LAS 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable twice when topic changes for a maximum of 15 credits.

## Law Courses

### Courses

**LAW 101. Introduction to American Law. 4 Credits.**

Surveys United States legal system: presents structure and methods of the legal system and fundamentals of several substantive areas of law.

**LAW 102. Introduction to Criminal Law. 4 Credits.**

Explores criminal law and statutes using primary and secondary sources.

**LAW 103. Introduction to Criminal Investigation. 4 Credits.**

Examines the constitutional limitations on police officers' authority to detain suspects, search them and their property, and interrogate them.

**LAW 104. Introduction to Business Law. 4 Credits.**

Examines the context of everyday commerce, shaped by contract, tort, business entity, and securities law, to uncover how the law both affects and is affected by business.

**LAW 196. Field Studies: [Topic]. 1-6 Credits.**

Repeatable.

**LAW 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**LAW 201. Introduction to Environmental Law and Policy. 4 Credits.**

An introduction to environmental policy and law, with an overview of major themes and the regulatory framework. Focuses on community resilience.

**LAW 202. Introduction to Public International Law. 4 Credits.**

An introduction to the origins, application, and main actors in international law, international institutions, and international legal processes.

**LAW 203. Controversies in Constitutional Law. 4 Credits.**

In-depth examination of five to seven landmark Supreme Court cases over the course of the term, spending three to four class sessions on each case.

**LAW 204. Immigration and Citizenship. 4 Credits.**

Interdisciplinary study of the way in which the American legal order has constituted citizenship.

**LAW 250. Introduction to Legal Research. 2 Credits.**

Students investigate sources of law and sharpen analytical skills using issues arising in everyday life and scenarios requiring legal information to develop critical legal information literacy skills.

**LAW 301. Youth and Social Change. 4 Credits.**

Explore how adults act on youth through law, mass media, policy, and social science, while investigating youth as agents of change, acting on their own perspective of law and justice.

**LAW 304. American Law and Families. 4 Credits.**

Examines the family through a legal lens: the rules that affect legal relationships among family members and laws related to family property.

**LAW 310. Environmental Regulation. 4 Credits.**

Provides students with an understanding of laws regulating activities that affect the environment as well as the skills to analyze and apply these laws to current issues.

**LAW 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**LAW 401. Research: [Topic]. 1-6 Credits.**

Repeatable.

**LAW 403. Thesis. 1-12 Credits.**

Repeatable.

**LAW 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**LAW 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**LAW 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**LAW 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**LAW 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**LAW 415. Human Rights, Law, and Culture. 4 Credits.**

The history, theory, and practice of human rights from a global perspective.

**LAW 416. Transitional Justice. 4 Credits.**

Historical and theoretical overview of the conflicts and international mechanisms, with a focus on cultural, historical, and legal forces that shape postconflict peace-building efforts.

**LAW 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**LAW 600. Law Courses for Nonlaw Students. 1-15 Credits.**

Generic course number for translating 600-level School of Law semester credits to term credits on academic records for nonlaw students. Repeatable up to six times.

**LAW 601. Research: [Topic]. 1-16 Credits.**

Repeatable up to six times.

**LAW 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable up to six times.

**LAW 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Accounting for Lawyers, Alternative Dispute Resolution, American Legal Biography, Immigration Law, Litigation Practice and Procedure, Mediation, Negotiation, Nonprofit Organizations, Postconviction Remedies, White-Collar Crime.

**LAW 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**LAW 611. Contracts. 4 Credits.**

Examines contractual relationships from formation through interpretation and breach to remedies and potential third-party rights. Covers the common law of contracts and Uniform Commercial Code, Article 2, which governs contracts for the sale of goods.

**LAW 613. Torts. 4 Credits.**

Liability for intentional and negligently caused injuries to person and property, strict liability, vicarious liability, abnormally dangerous activities, products liability, nuisance, invasion of privacy, defamation, defenses and immunities, the impact of insurance and risk distribution upon liability, accident compensation plans, damages, losses.

**LAW 614. Advanced Torts. 3 Credits.**

Students study and discuss the economic and dignitary torts (for example, defamation, misrepresentation, invasion of privacy, malpractice); they are able to analyze and apply this knowledge in a classroom environment.

Prereq: LAW 613.

**LAW 615. Civil Procedure. 4 Credits.**

Survey of federal court organization and jurisdiction and of systems of civil procedure.

**LAW 617. Property. 4 Credits.**

Nature and function of private property rights. Topics may include the common law classification of estates in land; forms of concurrent ownership; landlord and tenant; adverse possession; incorporeal interests in land, easements, covenants, and servitudes; title; introduction to land use issues and judicial legislative developments in law.

**LAW 618. Criminal Law. 4 Credits.**

Administration of criminal law and the definition of crimes as a technique of social order with primary basic elements of criminal liability. Emphasis on sources of definitions, limitations of culpability, and defenses.

**LAW 619. White-Collar Crime. 2 Credits.**

For students interested in the practice of criminal law. Assists business lawyers who advise clients on the business practices that constitute criminal activity.

**LAW 620. Business Associations. 3-4 Credits.**

This is the introductory course on business law and a prerequisite for most upper-level business law courses. It introduces the governance structure of agency, partnerships, corporations and LLCs.

**LAW 622. Legal Research and Writing I. 3 Credits.**

Integrated instruction in legal research, analysis, and writing of legal memoranda emphasizes research strategies, problem solving, and the relationship between research strategies and analysis. Writing assignments, each progressively more difficult, are evaluated by faculty members. Offered in small sections. Includes library workshops and individual conferences.

**LAW 623. Legal Research and Writing II. 3 Credits.**

Building on the research, writing, and analytical skills of Legal Research and Writing I, students focus on persuasive writing as they produce trial memoranda and appellate briefs. Students present final oral arguments in a courtroom setting before a panel of three judges.

**LAW 624. Advanced Legal Research. 2 Credits.**

Development of skills in formulating efficient research strategies online and in print; exposure to research methods in particular areas of law.

**LAW 625. Business Bankruptcy. 3 Credits.**

Explores the law governing business bankruptcy; examines tools for restructuring and rehabilitating a business under Chapter 11 of the Bankruptcy Code. Topics include operating a business in bankruptcy, reshaping the estate, and negotiating and confirming a plan of reorganization.

Prereq: LAW 648.

**LAW 626. Mergers and Acquisitions. 2-3 Credits.**

Participants develop an understanding of how to analyze a potential acquiree and how that analysis informs and governs the drafting of the acquisition agreement and the disclosure document. Presents the germination of a transaction from financial need to executed documentation.

Prereq: LAW 620.

**LAW 627. Accounting for Lawyers. 3 Credits.**

Covers the accounting cycle, generally accepted accounting principles, financial statements, and common legal and accounting topics.

**LAW 628. Nonprofit Organizations. 3 Credits.**

Provides an overview of the theory, purposes, and regulation of nonprofit organizations. Practical skills are developed through drafting assignments.

**LAW 629. Fundamentals of Loans. 1 Credit.**

Covers the rights of borrowers and lenders in unsecured and secured loans in less depth than the Secured Transactions course.

**LAW 630. Tax Policy. 2-3 Credits.**

Explores tax policy issues including how taxes are used to create social equality. Evaluates the current tax system using the three classic goals: equity, efficiency, and simplification.

**LAW 632. Sales. 2-3 Credits.**

Covers contracts for the sale of goods as codified in Uniform Commercial Code Article 2; international contracts, regulation of consumer warranties, leases of goods under Article 2A.

**LAW 633. Business Planning. 2,3 Credits.**

Study of business life cycle from its initial organization and operation to its eventual sale and dissolution. Students draft documents for use in hypothetical transactions, compare the way partnerships and corporations deal with similar problems, and analyze the impact taxes have on business decisions.

Prereq: LAW 620, LAW 680.

**LAW 634. Contract Drafting. 2 Credits.**

The principles of contemporary commercial drafting, introduction to documents typically used in a variety of transactions.

**LAW 635. Real Estate Transactions. 3 Credits.**

Fundamentals of real estate transactions, with a focus on secured land and finance.

**LAW 636. Secured Transactions. 3-4 Credits.**

Examines the rules that govern borrowing and lending with collateral; buying and selling promissory notes and other debt; and related transactions that are essential to large and small transactions.

**LAW 637. Trusts and Estates I. 3 Credits.**

Basics of estate planning law--intestate succession, wills, will substitutes, and trusts.

Prereq: LAW 617.

**LAW 638. Workers' Compensation Law. 2 Credits.**

Fundamentals of workers' compensation law in Oregon and other states.

**LAW 642. International Business Transactions. 3 Credits.**

Examines legal issues affecting international business activity; includes forms of doing business, trading of goods, commercial terms, the UN Convention on Contracts for the International Sale of Goods, financing, technology, transfers, foreign investment, and dispute resolution.

**LAW 643. Constitutional Law I. 3 Credits.**

Government structure and individual rights are examined in the context of the authority of courts to declare legislative acts unconstitutional. Includes congressional regulatory power under the Commerce Clause, implied limits on state regulatory power, and the substantive dimensions of due process.

**LAW 644. Constitutional Law II. 3 Credits.**

Guarantees of individual rights against government, especially freedom of expression and equal protection of the law.

Prereq: LAW 643.

**LAW 645. Oregon Practice and Procedure. 3 Credits.**

Intensive study of civil procedure in Oregon courts, and the critical evaluation of Oregon civil procedure in light of the purposes and values of a procedural system and in comparison with federal rules.

**LAW 646. Federal Jurisdiction. 3 Credits.**

Addresses the role of federal courts in the operation of the federal system. Includes analysis of constitutional and legislative foundations of the judicial power of the United States; jurisdiction--diversity of citizenship, federal question, jurisdictional amount, and removal; venue; federal and state court relationships; the law applied to federal courts; procedure in the federal district courts; appellate jurisdiction and procedure in courts of appeals and the Supreme Court.

**LAW 648. Bankruptcy. 3 Credits.**

Introduction to bankruptcy law; focuses on consumer bankruptcy and contrasting creditor's rights and debtor's protections under the federal Bankruptcy Code with those under state collection law. Recommended preparation: Commercial Law (LAW 636).

**LAW 649. Legal Profession. 3 Credits.**

Addresses the Model Code of Professional Responsibility, the Code of Judicial Ethics, roles and functions of lawyers in society, organization and functions of the bar, provision of legal service, responsibilities in representing clients, and the future of the legal profession. It may include the review and analysis of videotaped ethical problems.

**LAW 651. Trial Practice. 3 Credits.**

Introduces the essential techniques and theory necessary to conduct a trial in court.

Prereq: LAW 652.

**LAW 652. Evidence. 3 Credits.**

Covers the structure of the adversary system; roles of judge, jury, and attorney in the fact-finding process; sufficiency of evidence; order of proof; presumptions; relevancy; judicial notice; real and documentary evidence; form and elicitation of oral testimony; impeachment and rehabilitation of witnesses; the hearsay rule and its exceptions; privileges. Addresses practical problems in the introduction of evidence and trial tactics and methods. Courtroom observations, movies, and videotapes of effective trial techniques present realistic situations.

**LAW 653. Climate Change Law and Policy. 3 Credits.**

This course examines laws and policies in the United States over the last half century related to climate change, including international agreements that the nation has joined or considered joining.

**LAW 655. Family Law. 3 Credits.**

Marriage and its legal consequences, divorce and its financial consequences; establishing the parent-child relationship; child custody and child support; jurisdiction and choice of law issues at divorce; legal regulation of marriage; rights of unmarried cohabitants.

**LAW 656. Elder Law. 3 Credits.**

Topics include social security and pensions; health care decision-making, including the right to die, living wills, and durable powers of attorney for health care; planning for health care financing, including alternate living arrangements and financing through private resources, Medicare and Medicaid; regulation of retirement facilities and nursing homes; and protection of disabled adults through guardianships, conservator-ships, and related mechanisms. Covers the basic and comprehensive writing requirements.

**LAW 658. Local Government Law. 3 Credits.**

Uses DeTocqueville and Madison to frame the issue of decentralization versus centralization in governmental structure. Course materials are divided into three sections: 1) vertical governmental organization--the relationships between cities and state governments and the relation of both to the federal government; 2) horizontal governmental relations--how neighboring cities deal with one another on public school funding, exclusionary zoning, regional planning, and other areas; 3) internal relationship between cities and their citizens--voting systems, when citizens can sue a city, referenda, and initiatives.

**LAW 659. Labor Law. 3 Credits.**

Analysis of the National Labor Relations Act and the Oregon Labor Relations Act; the right of self-organization; selection of the representative by election and by other means; unit determination; bargaining in good faith; remedies for unfair labor practices; judicial review; strikes, boycotts, and lockouts under various labor relations acts; concerted activities; and roles of courts and labor agencies.

**LAW 660. Employment Law. 3 Credits.**

Examines individual rights in the workplace, including federal and state statutes. Use of questionnaires, polygraph legislation, drug and other medical tests; employment discrimination (Title 7); disability discrimination; family leave statutes; and a variety of working conditions are covered, including harassment, workplace privacy, and free speech as well as the Occupational Safety and Health Act. The doctrine of at-will discharge and whistle-blower legislation are included.

**LAW 661. Remedies. 3 Credits.**

Remedies available for prevention of redress of civil wrongs; includes monetary damages; restitutionary remedies such as tracing, constructive trusts, equitable liens, and injunctions.

**LAW 662. Jurisprudence. 3 Credits.**

Topics may include examination of important conceptual theories of law--legal positivism, natural law, legal realism; the relation of law and morality; theories of justice: economic, Kantian, utilitarian; the Critical Legal Studies movement; philosophical aspects of legal issues; abortion and punishment; feminist theories of law; and moral constraints of the practice of law.

**LAW 664. Administrative Law. 3 Credits.**

Analysis of judicial review of administrative action, including presumptions, standing, ripeness, exhaustion, and questions of fact and law; the process of proof in adjudicatory hearings, including official notice, evidentiary considerations, and investigation; the process of decision in adjudicatory hearings, including separation of function, bias, and ex parte communication; procedural distinctions between rule making and adjudication.

**LAW 665. Securities Regulation. 2-3 Credits.**

Examines the federal statutes and regulations that affect the initial and secondary distribution of securities. Emphasis is placed on the Securities Act of 1933, the Securities Exchange Act of 1934, and the integrated disclosure system now largely in place.

**LAW 667. Copyrights. 3 Credits.**

Virtually any creative product (other than inventions) that originates with the author can be protected by copyright. Comprehensive federal copyright statute is built upon extensive judicial interpretations through case law. Considers creations, ownership, and transfer of copyright interests and the rights accorded to copyright owners to make copies and derivative works and to distribute, perform, and display the work. Addresses the basic principles of trademark law.

**LAW 668. Land Use Law. 2-3 Credits.**

Surveys the function, operation, and legal impact of state and local public planning and land-use control laws, ordinances, and administrative growth-control techniques; transfer of developmental rights; zoning; variances; conditional-use permits; and nonconforming uses. Considers newer state-level land-use control devices, such as state environmental impact assessment acts (e.g., in California) and statewide land-use planning laws (e.g., in Oregon).

**LAW 669. Water Resources Law. 2,3 Credits.**

Reparian and appropriation water law systems, federal and state power over water resources, transfer of water rights, groundwater management, public water rights, including the public trust doctrine, and environmental constraints on water use.

**LAW 671. International Law. 2-3 Credits.**

Justification for state actions labeled rules of law; sources and evidence of a law between states; statehood; treaties; state responsibility and authority; individuals in transnational situations; international cooperation; protection of human rights; and use of military force.

**LAW 673. Patent Law and Policy. 2,3 Credits.**

Developments in patent law including patentable subject matter; requirements for patentability and infringement; the process of obtaining and enforcing a patent; and contemporary controversies in patent law, such as ethical and economic objections to biotechnology and software patents.

**LAW 674. Intellectual Property Licensing. 3 Credits.**

Course explores business, legal, and negotiating issues in intellectual property licensing agreements. Students gain an overview of intellectual property law, pertinent areas of contract law, business factors, and evaluation issues.

**LAW 675. Legal Writing. 1-3 Credits.**

Research and writing supervised by a faculty member. Typically 2 credits, but never more than 3, are awarded for a writing project in one semester. Repeatable.

**LAW 678. Indian Law. 2-3 Credits.**

Provides students with an understanding and overview of the fundamental principles of American Indian law.

**LAW 679. Ocean and Coastal Law. 3 Credits.**

Surveys federal, state, and international laws governing the use and protection of ocean and coastal resources including relevant judicial decisions, administrative regulations, and management plans.

**LAW 680. Federal Income Tax I. 3 Credits.**

Statutory, judicial, and administrative material related to individual income tax—concepts of income, deductions, credits, tax accounting, basis, and capital gains and losses.



**LAW 681. Federal Income Tax II. 3 Credits.**

Tax treatment of partners and partnerships, corporations, and shareholders.

Prereq: LAW 680.

**LAW 683. Estate Planning. 3 Credits.**

Presents problems in estate analysis, planning, and execution; planning an estate from the interview stage to the drafting of wills and trusts to implement the estate plan.

Prereq: LAW 637.

**LAW 684. Criminal Investigation. 3 Credits.**

Examines the regulation of law enforcement investigatory practices-- searches and seizures, the eliciting of confessions, and lineups and other identification procedures. Course materials analyze various constitutional and statutory constraints on law enforcement practices, and deal extensively with landmark federal constitutional cases such as *Miranda v. Arizona*.

**LAW 685. Criminal Adjudication. 3 Credits.**

Examines the adjudicative part of criminal procedure; covers the decision to charge, bail and pretrial release, grand juries and preliminary hearings, discovery, pretrial motions, plea bargaining, jury trials, appeals, and former jeopardy.

**LAW 687. Wildlife Law. 2 Credits.**

Overview of the treatment of wildlife; international regulation; federal regulation; the national wildlife refuge system; wildlife management on U.S. Forest Service lands and lands administered by the Bureau of Land Management; fish habitat and hydroelectric development; regulation of private lands to protect species on public lands; tribal rights and wildlife; and state regulation of wildlife.

**LAW 689. Animal Law. 2 Credits.**

Examines the debate between animal rights and animal welfare, and considers legal issues concerning companion animals, farm animals, laboratory animals, wild animals, feral animals, and service animals.

**LAW 690. International Environmental Law. 2,3 Credits.**

Investigates treaty and customary principles of international law regarding environmental protection. Covers problems of protecting the international environmental commons, transboundary pollution, and international interest in national environmental resources.

**LAW 691. Environmental Litigation and Practice. 2 Credits.**

This seminar helps students transition from doctrine and theory to law practice – particularly alone or in an environmental law firm. Public interest lawyers participate regularly in person or by Skype.

**LAW 693. Human Rights and Environment. 3 Credits.**

Environmental rights, increasingly recognized as a new category of human rights as well as an application of existing rights, are both substantive and procedural. Presents recent developments in international law and national law in various countries in Europe, Africa, Asia, and the Americas. Examines international instruments, national constitutions, and legislation. Discussion includes novel international court cases that interpret and apply these rights.

**LAW 694. Professional Sports Law. 2-3 Credits.**

Is the NFL an illegal cartel? What rights do players and unions have? Explores the regulation of professional leagues, players, teams, coaches, and agents.

**LAW 695. Amateur Sports Law. 2-3 Credits.**

Are student athletes pampered or victimized? What has Title IX accomplished? What's next for the National Collegiate Athletic Association? Explores the regulation of intercollegiate and interscholastic sports.

**LAW 696. Sports Licensing. 1 Credit.**

A practical look into the world of sports licensing. The focus will be on examining real-world contracts and the contexts in which they were negotiated.

**LAW 697. Consumer Law. 3 Credits.**

Overview of major consumer protection laws and concepts, including false advertising, consumer privacy, identity theft, credit reporting, home purchases, credit disclosures, and loan regulations.

**LAW 698. Trademark Law. 3 Credits.**

Introduces trademark law, focusing on U.S. federal trademark law, and examines common law trademarks and unfair competition as well as international dimensions of trademark law.

**LAW 699. Antitrust Law. 2 Credits.**

Overview of antitrust law in the United States, with an emphasis on current antitrust practice; recognizing, analyzing, and solving problems involving antitrust issues.

**LAW 704. Internship: [Topic]. 1-12 Credits.**

Repeatable. Hollywood Externship, Federal Judicial Internship.

**LAW 707. Seminar: [Topic]. 1-6 Credits.**

Repeatable. Recent topics are Advanced Appellate Advocacy; Interviewing and Counseling; Journal of Environmental Law and Litigation; Legislative Issues Workshop; Moot Court Board; Moot Court Competition; Law Review; Oregon Review of International Law, Trial Practice.

**LAW 712. Business Law Clinic. 3 Credits.**

Students represent companies who need legal assistance in forming and operating their businesses under the supervision of an attorney. Includes a weekly seminar.

Prereq: LAW 620.

**LAW 714. Judicial Externship [Topic]. 1-12 Credits.**

Externship at the Lane County Circuit Court. Students conduct research, write legal memoranda, draft opinions and generally participate in the daily operation of the court. Repeatable.

**LAW 715. Gender-Based Violence and the Law. 2 Credits.**

This class focuses on domestic abuse, sexual assault, and stalking and the diverse array of laws that addresses those topics.

**LAW 722. Alternative Dispute Resolution Litigation Strategy. 2 Credits.**

Provides knowledge, tools and skills for lawyers to settle cases, help clients make an informed decision about settlement, and identify appropriate processes.

**LAW 724. Arbitration. 2-3 Credits.**

This course introduces students to the theory and practice of arbitration. Students will learn the statutory framework and caselaw for arbitration in domestic and international contexts.

**LAW 725. Mediation. 3 Credits.**

This course introduces students to the theory and practice of mediation. In an experiential format, students will learn how to manage the stages of a mediation process.

**LAW 726. International Sports Law I. 1 Credit.**

An overview of the law and structure of the organizations that govern international sports, including FIFA, the International Olympic Committee, World Anti-Doping Association, and Court of Arbitration for Sport.



**LAW 727. International Sports Law II. 1 Credit.**

A trip to Europe during J-Term to meet with and learn from foreign sports lawyers at the International Olympic Committee, World Anti-Doping Association, Court of Arbitration for Sport, and others. Repeatable once for a maximum of 2 credits.

Prereq: LAW 726.

**LAW 728. Advanced Appellate Advocacy. 3 Credits.**

This simulation course teaches students practical skills for engaging in appellate advocacy. Students focus on structuring arguments, writing and editing appellate briefs, and doing oral argument.

**LAW 730. Intensive Writing. 2 Credits.**

Introduces students to ways in which lawyers communicate and gives students the opportunity to more extensively study the mechanics of effectively communicating legal analysis.

**LAW 731. Writing in Law Practice. 2 Credits.**

Provides students with opportunities to develop practice-oriented writing skills in a variety of contexts.

**LAW 732. Intensive Legal Writing. 3 Credits.**

Students produce documents in a wide variety of practice settings, including office memoranda, contracts, and client letters. Students receive extensive feedback and opportunities to revise their work.

**LAW 733. Advanced Uniform Commercial Code. 3 Credits.**

Covers property-based aspects of business transactions including secured loans, set-off, and ownership and transfer of investments, from advanced U.S., international, and comparative standpoints.

Prereq: Secured Transactions or Fundamentals of Loans or equivalent.

**LAW 734. Start-Up Businesses. 2 Credits.**

This course familiarizes students with common issues arising in day-to-day representation of startup businesses, ranging from entity choice, commercial issues, key policies to financings, exits and crisis management.

Prereq: LAW 620.

**LAW 739. Writing Colloquium. 1-2 Credits.**

Students give and receive feedback on writing in a workshop setting with participants discussing each others' work. Student will explore theme, structure, and style as they learn to critique writing.

**LAW 740. Innovations in Criminal Justice. 1 Credit.**

Focuses on advanced approaches to the reduction of recidivism in the federal criminal justice system. Discussion centers on the use of therapeutic jurisprudence grounded in evidence-based practice.

**LAW 742. Leadership Practices for Professional Success. 1 Credit.**

Examines leadership theories and models. Through intensive readings, exercises, introspection, and open discussion, participants develop workable insights into their own leadership styles and how to improve them.

**LAW 744. Art Law. 3 Credits.**

Study of law related to the visual arts. Analyzes laws related to the creation, purchase, sale, transfer, import and export of art; protection of artist rights.

**LAW 745. Race, Gender, Bias & Law. 3 Credits.**

Surveys areas in which law deals with inter-group relations and the biases related to race, gender, and other social categories common to them (e.g., racial profiling, affirmative action, and employment discrimination).

**LAW 746. Law and Development. 2-3 Credits.**

This course explores the relationship between theories of development and legal knowledge. Students tease out the legal theory inherent in development proposals and socio-economic theories informing law development proposals.

**LAW 747. Human Rights. 3 Credits.**

The class leads students through a thorough discussion of foundational issues in international human rights law and activism.

**LAW 748. Advanced Human Rights Seminar. 2 Credits.**

This course offers further examination of the philosophical, sociological, and literary contributions to the human rights movement.

Prereq: LAW 671 or LAW 747.

**LAW 749. Immigration Law and Policy. 3 Credits.**

Covers statutory, constitutional, and administrative law and policy issues relating to foreign nationals and their relationship with the U.S. government.

**LAW 760. Negotiation. 3 Credits.**

Explores how negotiations work, what makes negotiators effective, and why negotiations fail. Focuses on analyzing and improving negotiation skills.

**LAW 761. Law Journals: [Topic]. 1-3 Credits.**

Welcome to law review! As you already know, working on a law review/journal is very demanding. It is also a unique opportunity in law school to develop your project management skills and work with others. Repeatable 4 times for a maximum of 10 credits.

**LAW 762. Criminal Defense Clinic. 3 Credits.**

You will represent Defendants in Misdemeanor Criminal Cases, under supervision, including meeting clients, reviewing police reports, discussing alternatives and appearing in Circuit Court for Motions, Hearings and possible Jury Trials.

Prereq: law Students must be Court Certified so they may appear in Court. Evidence, Professional Responsibility and Constitutional Law are strongly suggested.

**LAW 764. Criminal Prosecution Clinic. 3 Credits.**

Students appear in court on behalf of the state; they prepare and argue legal motions and try cases; and they learn Oregon criminal law and procedure.

Prereq: Evidence and Legal Profession are required; Trial Practice is recommended.

**LAW 765. Advanced Criminal Prosecution Clinic. 2 Credits.**

Students appear in court on behalf of the state; they prepare and argue legal motions and try cases; and they learn Oregon criminal law and procedure.

Prereq: LAW 764.

**LAW 766. Domestic Violence Civil Clinic I. 3 Credits.**

Students provide necessary legal services to survivors of domestic violence, with an emphasis on family law.

**LAW 767. Domestic Violence Civil Clinic II. 2 Credits.**

Students provide necessary legal services to survivors of domestic violence, with an emphasis on family law.

Prereq: LAW 766.

**LAW 768. Domestic Violence Protective Order Clinic I. 3 Credits.**

Provides students with the opportunity to effectively serve survivors of domestic violence in protective-order litigation through mock exercises and real-world client representation.

**LAW 769. Domestic Violence Protective Order Clinic II. 2 Credits.**

Provides students who have completed the basic clinic with additional opportunities to represent survivors of domestic violence in more complex protective-order proceedings.

Prereq: LAW 768.

**LAW 770. Environmental Law Clinic. 3 Credits.**

Under the supervision of an attorney, students work with non-profit clients in the prosecution of primarily federal environmental cases. Students will join new or existing cases, and conduct legal research and writing to develop memoranda, draft sections of complaints or briefs, and review evidence.

**LAW 771. Advanced Environmental Law Clinic. 2 Credits.**

In the Advanced Environmental Law Clinic, students work one-on-one with attorneys on aspects of an ongoing or prospective case (or cases), with emphasis on research and writing.

Prereq: LAW 770.

**LAW 773. Nonprofit Clinic. 4 Credits.**

In this course students, working in interdisciplinary teams, perform as consultants to several Oregon nonprofit boards of directors. Students will engage with expert consultants, executive directors, and client boards of directors and work to formulate and deliver a meaningful governance assessment to two 501(c)(3) organizations.

**LAW 774. Civil Practice Clinic. 3 Credits.**

You will provide legal services to indigent clients through the local legal aid office. You will gain negotiation and litigation experience, managing your own cases under instructor supervision.

**LAW 775. Advanced Civil Practice Clinic. 3 Credits.**

Work with Oregon Law Center to represent real clients in real cases. Gain negotiation and litigation experience managing your own cases under instructor supervision.

Prereq: LAW 774.

**LAW 780. LLM Seminar: Writing. 2 Credits.**

Master of laws students will explore the United States legal system and legal profession through in-class workshops, legal research and writing, and oral presentations.

**LAW 781. LLM Seminar: In Practice. 2 Credits.**

Students studying for a master of laws (LLM) degree explore professional development topics and develop practice skills through in-class workshops, legal writing, a simulated symposium, and negotiation exercises.

**LAW 782. Introduction to American Law for International LLM Students. 2 Credits.**

This course is specifically designed for international students in the LLM program. The course provides foundational knowledge of US legal system necessary to fully participate in graduate legal education.

**LAW 783. LLM Advanced and Persuasive Legal Writing. 2 Credits.**

This course is specifically designed for international LLM students. The course provides skills in legal writing and research necessary to participate in graduate legal education in the US.

**LAW 791. Contemporary Issues in American Indian Law. 2 Credits.**

Provides in-depth study of current issues in American Indian law and US public policy regarding Native Americans.

**LAW 792. Comparative Law of Indigenous Peoples. 2 Credits.**

Examines the historical and contemporary legal and policy treatment of indigenous peoples in select countries with significant indigenous populations.

**LAW 793. Environmental Law. 3 Credits.**

Overview of environmental law and policy, common-law doctrines, administrative rulemaking, environmental federalism, National Environmental Policy Act, Endangered Species Act, the regulation of hazardous waste, air and water pollution.

**LAW 794. Natural Resources Law. 3 Credits.**

Provides a foundation in environmental law. Spans international, federal, state, and local jurisdiction, interfacing with classic environmental law (pollution statutes).

**LAW 795. Public Trust Law. 2 Credits.**

Explores public trust law, which originated as judge-made law and has been enshrined in many statutes and constitutions in the United States and abroad.

**LAW 796. Food, Farming, and Sustainability. 3 Credits.**

Examines how laws structure processes of food production, distribution, and consumption; surveys food and agricultural laws in review of broader questions of ecological sustainability and commerce.

**LAW 797. Energy and the Law Seminar. 2 Credits.**

Introduces students to the policies and laws governing energy in the United States. The class covers federal and state jurisdiction, renewable energy laws and policies, regulation of investor-owned utilities, public power, transmission, and the laws that govern the resources used to generate electricity.

## Library Courses

### Courses

**LIB 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable. Introduction to general library resources and to subject-related library resources. Repeatable when topic changes.

**LIB 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable. Introduction to general library resources and to subject-related library resources. Repeatable when topic changes.

**LIB 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**LIB 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable up to six times.

**LIB 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**LIB 407. Seminar: [Topic]. 1-5 Credits.**

Topics are Library Resources, Bibliography. Repeatable up to six times.

**LIB 409. Terminal Project. 1-12 Credits.**

Repeatable.

**LIB 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable up to six times.

**LIB 507. Seminar: [Topic]. 1-5 Credits.**

Topics are Library Resources, Bibliography. Repeatable up to six times.

**LIB 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable up to six times.

**LIB 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable up to six times.

**LIB 607. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**LIB 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable up to six times.

# Linguistics Courses

## Courses

**LING 101. Introduction to Language. 4 Credits.**

Nontechnical introduction to language. Issues of general concern such as language attitudes; language and legislation, nationalism, gender; language learning; and human language versus animal communication.

**LING 144. Learning How To Learn Languages. 4 Credits.**

The course will focus on how to learn languages, empowering students to become more self-directed and effective learners. Topics will include psycholinguistics, sociolinguistics, diversity in linguistic structures and learning situations (heritage vs. second languages), plus cognitive and metacognitive strategies for learning languages and in general.

**LING 150. Structure of English Words. 4 Credits.**

Word structure and derivation in English Greek- and Latin-derived vocabulary; Germanic- and Romance-derived derivational rules. Understanding the dynamic structure of the English lexicon; prefixes, suffixes, and morphology.

**LING 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**LING 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**LING 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**LING 199L. Special Studies: [Topic]. 4 Credits.**

Repeatable.

**LING 201. Language and Power in the United States. 4 Credits.**

Explores the nature of language, dialects, accents, and multilingualism, and relates these to issues of political, educational, and other forms of social power in the United States.

**LING 211. Languages of the World. 4 Credits.**

Survey of the variability and distribution of the languages of the world in terms of linguistic typology, genetic relationships, and geographic location.

**LING 225. Writing Systems. 4 Credits.**

Surveys historical and current systems for encoding languages through writing. Examines the different systems and the advantages and disadvantages of these systems, evaluating them in their historical development.

**LING 294. Child Language. 4 Credits.**

Systematic survey of language structure and representation presented through the lens of language acquisition. Sounds, words, phrases, discourse, and pragmatics in typically and atypically developing children.

**LING 296. Language and Society in the United States. 4 Credits.**

English and non-English language diversity in the U.S., including regional varieties, African American English, Latino English. Explores language and social structure, policy, and educational issues.

**LING 297. Introduction to Bilingualism. 4 Credits.**

The linguistic, cognitive, cultural, and social dimensions of individual and societal bilingualism, which dispel common myths about the way bilinguals develop and use their two or more languages.

**LING 301. Introduction to Linguistics Analysis. 4 Credits.**

Study of human language and linguistics as a scientific and humanistic discipline. Lexicon, phonology, syntax, semantics, language change. Basic analytic techniques for drawing linguistic generalizations.

**LING 302. Introduction to Linguistic Behavior. 4 Credits.**

Study of language as a human behavior, focusing on developmental, cognitive, and social aspects of language use. Theories and methods involved in empirical, quantitative linguistics.

**LING 311. Phonetics and Phonology. 4 Credits.**

The purpose of this class is to introduce students to basic concepts of sounds and sound structure in language. Students will learn to describe sounds of the world's languages in terms of their articulatory and acoustic properties.

Prereq: LING 301.

**LING 312. Morphosyntax. 4 Credits.**

This course will introduce you to the building blocks that every language uses to produce an infinite number of possible utterances. Topics include: how words are formed, how they're combined, and how they relate to each other in phrases and sentences.

Prereq: LING 301.

**LING 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**LING 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**LING 403. Thesis. 1-12 Credits.**

Repeatable.

**LING 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**LING 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**LING 406. Field Studies: [Topic]. 1-21 Credits.**

Repeatable.

**LING 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Topics include history of linguistics, language contact, morphology, discourse pragmatics, conversational analysis, acoustic phonetics, psycholinguistics, language acquisition, applied linguistics..

**LING 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**LING 409. Terminal Project. 1-12 Credits.**

Repeatable.

**LING 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**LING 411. Phonetics. 4 Credits.**

The articulatory and acoustic basis for understanding the production and perception of speech sounds; relevance of this phonetic base to phonological analysis.

Pre- or coreq: LING 301 passed with a grade of C- or better.

**LING 415. Semantics. 4 Credits.**

Survey of the fundamentals of semantic theory from traditional formal logic to modern cognitive approaches. Additional coverage of fundamental notions in pragmatics.

Prereq: LING 301 passed with a grade of C- or better.

**LING 416. Language and Cognition. 4 Credits.**

How human thought is coded by language. Topics include meaning, categorization; linguistic units and speech behavior; language use and memory; language comprehension and production.

Prereq: LING 301 or LING 302.

**LING 420. Language, Mind and Society. 4 Credits.**

Exploration of the relationship between language, human cognition, and social dynamics.

**LING 430. Research Methods for Applied Linguistics. 4 Credits.**

Introduces students to a number of common research practices in the field of applied linguistics, including research design, ethics, and collecting and analyzing quantitative and qualitative data. Students will gain hands-on experience with analysis software to assist their research.

Prereq: LING 301.

**LING 431. Statistical Methods in Linguistics. 4 Credits.**

This course serves as a hands-on introduction to the state of the art in statistical analysis of linguistic data. Common pitfalls in statistical analysis and the challenges posed by linguistic data are reviewed. Topics covered are mixed-effects regression models, conditional inference trees and model averaging.

**LING 435. Morphology and Syntax. 4 Credits.**

Methods of determining the morphological and syntactic patterns of natural language data, with introduction to typological and theoretical issues in morphology.

Prereq: LING 301 passed with a grade of C- or better.

**LING 444. Second-Language Acquisition. 4 Credits.**

Introduction to cognitive and social processes of acquiring second languages. Students cannot receive credit for both LING 440/LING 540 and LING 444/LING 544.

**LING 450. Introduction to Phonology. 4 Credits.**

Study of sound systems in language. Phonemic contrasts, allophonic variation, and complementary distribution in relation to lexical coding of words, phonological processes operating at the segmental and suprasegmental levels.

Prereq: LING 311.

**LING 451. Functional Syntax I. 4 Credits.**

Syntax within grammar; its interaction with lexical meaning, propositional semantics, and discourse pragmatics; syntactic structure; case roles; word order; grammatical morphology; tense, aspect, modality, and negation; definiteness and referentiality.

Prereq: LING 435 passed with a grade of C- or better.

**LING 460. Historical and Comparative Linguistics. 4 Credits.**

Principles of language change and the methods of comparative and internal reconstruction; typological change in phonology, morphology, and syntax; language families and protolanguages.

Prereq: LING 450 with a grade of C- or better.

**LING 491. Sociolinguistics. 4 Credits.**

Major approaches and frameworks to the study of sociolinguistics; social-cultural variation in language use and its relationship to change; attitudes about variations, multilingualism.

Prereq: LING 301.

**LING 493. Corpus Linguistics. 4 Credits.**

Corpus-based approaches to the study of natural, human language, focusing on the use of computer-based methods to conduct empirical analyses of written and spoken language. Developing skills in computer programming for linguistic analysis.

Prereq: LING 301, LING 302.

**LING 494. English Grammar. 4 Credits.**

Survey of grammatical, syntactic, and morphological structures of English in terms of semantic and functional criteria. Students cannot receive credit for both ENG 209 and LING 494.

**LING 503. Thesis. 1-16 Credits.**

Repeatable.

**LING 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Topics include history of linguistics, language contact, morphology, discourse pragmatics, conversational analysis.

**LING 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**LING 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**LING 511. Phonetics. 4 Credits.**

The articulatory and acoustic basis for understanding the production and perception of speech sounds; relevance of this phonetic base to phonological analysis.

**LING 515. Semantics. 4 Credits.**

Survey of the fundamentals of semantic theory from traditional formal logic to modern cognitive approaches. Additional coverage of fundamental notions in pragmatics.

**LING 516. Language and Cognition. 4 Credits.**

How human thought is coded by language. Topics include meaning, categorization; linguistic units and speech behavior; language use and memory; language comprehension and production.

**LING 520. Language, Mind and Society. 4 Credits.**

Exploration of the relationship between language, human cognition, and social dynamics.

**LING 530. Research Methods for Applied Linguistics. 4 Credits.**

Introduces students to a number of common research practices in the field of applied linguistics, including research design, ethics, and collecting and analyzing quantitative and qualitative data. Students will gain hands-on experience with analysis software to assist their research.

**LING 531. Statistical Methods in Linguistics. 4 Credits.**

This course serves as a hands-on introduction to the state of the art in statistical analysis of linguistic data. Common pitfalls in statistical analysis and the challenges posed by linguistic data are reviewed. Topics covered are mixed-effects regression models, conditional inference trees and model averaging.

**LING 535. Morphology and Syntax. 4 Credits.**

Methods of determining the morphological and syntactic patterns of natural language data, with introduction to typological and theoretical issues in morphology.

**LING 544. Second-Language Acquisition. 4 Credits.**

Introduction to cognitive and social processes of acquiring second languages. Students cannot receive credit for both LING 440/LING 540 and LING 444/LING 544.

**LING 550. Introduction to Phonology. 4 Credits.**

Study of sound systems in language. Phonemic contrasts, allophonic variation, and complementary distribution in relation to lexical coding of processes operating at the segmental and suprasegmental levels.

**LING 551. Functional Syntax I. 4 Credits.**

Syntax within grammar; its interaction with lexical meaning, propositional semantics, and discourse pragmatics; syntactic structure; case roles; word order; grammatical morphology; tense, aspect, modality, and negation; definiteness and referentiality.



**LING 560. Historical and Comparative Linguistics. 4 Credits.**

Principles of language change and the methods of comparative and internal reconstruction; typological change in phonology, morphology, and syntax; language families and protolanguages.

**LING 591. Sociolinguistics. 4 Credits.**

Major approaches and frameworks to the study of sociolinguistics; social-cultural variation in language use and its relationship to change; attitudes about variations, multilingualism.

**LING 593. Corpus Linguistics. 4 Credits.**

Corpus-based approaches to the study of natural, human language, focusing on the use of computer-based methods to conduct empirical analyses of written and spoken language. Developing skills in computer programming for linguistic analysis.

**LING 594. English Grammar. 4 Credits.**

Survey of grammatical, syntactic, and morphological structures of English in terms of semantic and functional criteria.

**LING 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**LING 603. Dissertation. 1-16 Credits.**

Repeatable.

**LING 604. Internship: [Topic]. 1-9 Credits.**

Repeatable.

**LING 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**LING 606. Practicum: [Topic]. 1-8 Credits.**

Repeatable three times with a maximum of 9 credits.

Prereq: LT 545.

**LING 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Topics include syntax, semantics, discourse pragmatics, stylistics, psycholinguistics, neurolinguistics.

Prereq: LING 550, LING 552.

**LING 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**LING 609. Terminal Project. 1-16 Credits.**

Repeatable.

**LING 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**LING 614. Linguistic Theory: Phonology. 4 Credits.**

Detailed investigation of phonological theory with emphasis on experimental evidence. Topics may include sound systems and their typology, morphophonology, and the acquisition of phonological structures.

Prereq: LING 550.

**LING 615. Linguistic Theory: Syntax. 4 Credits.**

Issues in syntactic theory. Topics may include universals of semantic, pragmatic, and discourse function and their relation to syntax, syntactic typology and universals, formal models in syntactic description.

Prereq: LING 452/552.

**LING 616. Linguistic Theory: Semantics. 4 Credits.**

Detailed investigation of issues in semantic and pragmatic theory. Topics may include universals of lexical semantics and discourse pragmatics and their interaction.

Prereq: LING 515.

**LING 660. Historical Syntax. 4 Credits.**

Topics in the study of syntactic change.

Prereq: LING 452/552, 460/560 or equivalent.

## Management Courses

### Courses

**MGMT 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when the topic changes.

**MGMT 225. Introduction to Entrepreneurship. 4 Credits.**

Understanding of the historical and socio-economic context of entrepreneurship and how entrepreneurial ecosystems function and grow; fundamentals of entrepreneurship and business model development.

**MGMT 250. Introduction to Sustainable Business. 4 Credits.**

Examination of the challenges and opportunities that the sustainability imperative presents to business. Focus on discussion of specific cases and pertinent issues to promote learning.

**MGMT 311. Managing People in Organizations. 4 Credits.**

Students learn the theories, empirical evidence, and best practices for managing people at work. Students cannot receive credit for both MGMT 311 and MGMT 311H.

Prereq: MATH 241 and BA 308 or BA 308H.

**MGMT 311H. Managing People in Organizations. 4 Credits.**

Students learn the theories, empirical evidence, and best practices for managing people at work. Students cannot receive credit for both MGMT 311 and MGMT 311H. Sophomore standing required.

Prereq: MATH 241 and BA 308 or BA 308H.

**MGMT 335. Launching New Ventures. 4 Credits.**

Skills, behaviors, and knowledge necessary for creating and growing new ventures. Evaluating opportunities, developing growth strategies, obtaining venture financing, intellectual property, and building a management team.

Prereq: BA 101.

**MGMT 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**MGMT 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**MGMT 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**MGMT 407. Seminar: [Topic]. 4 Credits.**

Repeatable.

**MGMT 409. Terminal Project. 1-12 Credits.**

Repeatable.

**MGMT 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable when the topic changes. Recent topics include Strategic Environmental Management, Technology and Innovation Management.

**MGMT 415. Human Resources Management. 4 Credits.**

Management of employee relations by an organization. Hiring and developing a productive work force in the context of the legal and competitive environment.

Prereq: MGMT 321 or MGMT 311.



**MGMT 416. Organizational Development and Change Management. 4 Credits.**

Organizational leaders face an accelerating pace of change in information technology, markets, and consumers. Focuses on how leaders create and sustain these organizational changes.

Prereq: BA 352, MGMT 321 or MGMT 311.

**MGMT 417. Negotiation Strategies. 4 Credits.**

Introduction to negotiation theory, distributive and integrative bargaining techniques, and alternative dispute resolution. Uses workshop format for in-class negotiation simulations.

Prereq: MGMT 321 or MGMT 311.

**MGMT 420. Managing in a Global Economy. 4 Credits.**

Economic, political and cultural challenges facing international managers. Topics include developing competitive global strategies and organizations, international negotiations, building strategic alliances, cross-cultural teams, and international staffing.

Prereq: MGMT 321 or MGMT 311.

**MGMT 422. Sustainable Business Strategy and Implementation. 4 Credits.**

Focus on strategic choice and implementation of initiatives to promote sustainability in business organizations. Exposure to approaches for both established companies and new ventures.

Prereq: BA 101, MGMT 250 or MGMT 311.

**MGMT 443. Life Cycle Assessment. 4 Credits.**

Build foundations in technical sustainability analysis serving business strategy and operations. Learn tools and skills for firm- and product-level analysis.

Prereq: BA 101, MGMT 250.

**MGMT 455. Implementing Entrepreneurial Strategies. 4 Credits.**

Fundamentals of entrepreneurship are applied to solve actual problems for real companies. Students will gain a thorough understanding of project management processes (agile, lean six sigma, sprints, etc.) and learn how to effectively execute a project from inception to final deliverable.

Prereq: ACTG 340, MGMT 335, MKTG 445.

**MGMT 503. Thesis. 1-16 Credits.**

Repeatable.

**MGMT 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable when the topic changes. Recent topics include Strategic Environmental Management, Technology and Innovation Management.

**MGMT 543. Life Cycle Assessment. 4 Credits.**

Build foundations in technical sustainability analysis serving business strategy and operations. Learn tools and skills for firm- and product-level analysis.

**MGMT 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**MGMT 603. Dissertation. 1-16 Credits.**

Repeatable.

**MGMT 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**MGMT 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**MGMT 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**MGMT 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**MGMT 609. Terminal Project. 1-12 Credits.**

Repeatable.

**MGMT 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable when the topic changes. A recent topic is Sustainable Business Development.

**MGMT 612. Managing Individuals and Organizations. 3 Credits.**

Design of high-performance organizations and internal systems. Analysis of team dynamics and group decision-making. Study of individual cognitive and leadership styles.

**MGMT 614. Strategic Management. 3 Credits.**

Analysis of industries and companies, development of competitive and cooperative strategies, analysis of the special demands of alternative social, technological, and international contexts.

**MGMT 615. Leadership. 3 Credits.**

Development of skills managers need to be effective leaders in organizations, including communicating, problem-solving, influencing, motivating, delegating, and resolving conflict.

**MGMT 620. Managing Global Business. 3 Credits.**

Focuses on the problems of operating across multiple political and cultural boundaries. Possible topics include corporate strategy, the role of multinational corporations, and international joint ventures.

**MGMT 623. Negotiation. 3 Credits.**

Negotiation theory including distributive and integrative bargaining techniques, economic complements, game theory, and alternative dispute resolution. Extensive in-class negotiation simulations.

**MGMT 625. New Venture Planning. 3 Credits.**

Students identify and research a business opportunity; develop and present a professional start-up business plan that includes market, competitor, cash flow, and financial analyses.

**MGMT 635. Opportunity Recognition. 3 Credits.**

Introduces the fundamentals of entrepreneurship, providing the tools necessary to successfully identify a true opportunity and to start and develop a new organization. Open only to MBA and MActg majors.

**MGMT 640. Sustainable Business Development. 3 Credits.**

Focuses on corporate environmental management, drawing on economic and policy models, strategic analysis, and use of business cases. Issues facing small and mid-sized companies stressed.

**MGMT 641. Industrial Ecology. 3 Credits.**

Takes a systems approach to the design and manufacture of products and delivery of services with minimized ecological impact.

**MGMT 645. New Venture Scaling. 3 Credits.**

New Venture Scaling covers concepts and systems related to financial and operational challenges of scaling staff, activities, and sales and marketing efforts for rapid growth.

Prereq: MGMT 625, MGMT 635.

**MGMT 655. New Venture Execution. 4 Credits.**

This course guides students as they build and execute on their entrepreneurial ideas.

**MGMT 690. Management Proseminar. 1 Credit.**

Contemporary issues in management research. Includes visiting speakers, resident faculty members, and doctoral students discussing their research.

# Marketing Courses

## Courses

### **MKTG 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when the topic changes.

### **MKTG 311. Marketing Management. 4 Credits.**

Product, price, promotion, and distribution decisions in consumer and industrial markets. Market segmentation, product positioning for goods and services. Marketing strategy and management. Product life cycles. Students cannot receive credit for both MKTG 311 and MKTG 311H. Prereq: BA 240, BA 308.

### **MKTG 311H. Marketing Management. 4 Credits.**

Explores marketing strategy and tactics for profit and nonprofit organizations including start-ups and global firms. Uses cases and projects; requires intense student participation. Students cannot receive credit for both MKTG 311 and MKTG 311H. Prereq: open only to students in the LCB honors program.

### **MKTG 390. Marketing Research. 4 Credits.**

Design, implementation, analysis, interpretation, and reporting of research for marketing decisions. Hands-on experience with techniques for data collection, statistical data analysis, and communication of results. Prereq: MKTG 311.

### **MKTG 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

### **MKTG 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

### **MKTG 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

### **MKTG 407. Seminar: [Topic]. 4 Credits.**

Repeatable.

### **MKTG 409. Terminal Project. 1-12 Credits.**

Repeatable.

### **MKTG 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable when the topic changes. Recent topics include Marketing and Sustainability, Sales Management and Personal Selling.

### **MKTG 415. Marketing Analytics. 4 Credits.**

Covers three pillars of analytics—descriptive, predictive, prescriptive—within the marketing context. Linear and logistic regression, clustering, customer choice, conjoint, natural language processing, and machine learning methods to drive marketing decisions. Prereq: MKTG 311 or BA 317.

### **MKTG 420. Marketing Communications. 4 Credits.**

Advertising, sales promotions, public relations, and personal selling. Emerging communication media. Legal regulations and ethical considerations in mass media advertising. Media planning and promotional budgets. Prereq: MKTG 311.

### **MKTG 435. Consumer Behavior. 4 Credits.**

Applications of social science concepts to the understanding of consumers and to the optimal delivery of products and services. Prereq: MKTG 311.

### **MKTG 445. Entrepreneurial Marketing. 4 Credits.**

Techniques for analyzing and developing new markets. Pricing, communicating, and distributing new products or services with limited resources. Developing marketing plans for new ventures. Prereq: MKTG 311 or BA 317, MGMT 335.

### **MKTG 470. International Marketing. 4 Credits.**

Analysis and development of marketing strategy and tactics for multinational and global markets. Prereq: one from BA 317, MKTG 311, 311H.

### **MKTG 490. Marketing Strategy. 4 Credits.**

Capstone marketing course. Primary focus on developing and implementing marketing strategies and determining their impact on customer satisfaction and profitability. Prereq: MKTG 390; MKTG 420 or SBUS 452.

### **MKTG 503. Thesis. 1-16 Credits.**

Repeatable.

### **MKTG 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable when the topic changes. A recent topic includes Marketing and Sustainability.

### **MKTG 515. Marketing Analytics. 4 Credits.**

Covers three pillars of analytics—descriptive, predictive, prescriptive—within the marketing context. Linear and logistic regression, clustering, customer choice, conjoint, natural language processing, and machine learning methods to drive marketing decisions.

### **MKTG 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

### **MKTG 603. Dissertation. 1-16 Credits.**

Repeatable.

### **MKTG 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

### **MKTG 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

### **MKTG 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

### **MKTG 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

### **MKTG 609. Terminal Project. 1-12 Credits.**

Repeatable.

### **MKTG 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable when the topic changes. Recent topics include New Product Development, Brand Strategy.

### **MKTG 612. Marketing Management. 3 Credits.**

Marketing Management addresses market analysis and segmentation, targeting, and positioning. Emphasis is on marketing strategies designed to deliver superior customer value and achieve organizational objectives.

### **MKTG 660. Marketing Research. 3 Credits.**

Marketing research as a tool for decision-making. Planning research projects; design, measurement, experimental and nonexperimental techniques, analysis and interpretation of data; reporting research results. Prereq: completion of first-year MBA core.

### **MKTG 665. Marketing Strategy. 3 Credits.**

Relationship between marketing and other functional areas of a business. Emphasis on case analysis as a means of acquiring both planning and operational skills. Prereq: completion of first-year MBA core.

### **MKTG 687. Theory and Research in Marketing Management. 3 Credits.**

Application of marketing concepts and of economics, management science, and behavioral science to the management of the product, price, promotion, and distribution variables. Prereq: doctoral standing.

**MKTG 689. Theory and Research in Consumer Behavior. 3 Credits.**

The applicability of behavioral theories and methodologies to the understanding of the consumption process.

Prereq: doctoral standing.

## Mathematics Courses

### Courses

**MATH 101. Foundations of Algebra and Mathematical Modeling. 4 Credits.**

Critical elements of pre-college algebra, topics including equation solving; rational, radical, and polynomial expression evaluation and simplification; lines, linear equations, and quadratic equations. Focus on mathematical modeling and preparation for additional college level mathematics.

Prereq: UO Math Placement Exam with a score of 35-48.

**MATH 105Z. Math in Society. 4 Credits.**

An exploration of present-day applications of mathematics focused on developing numeracy. Major topics include quantitative reasoning and problem-solving strategies, probability and statistics, and financial mathematics; these topics are to be weighted approximately equally. This course emphasizes mathematical literacy and communication, relevant everyday applications, and the appropriate use of current technology. Previously MATH 105.

Prereq: MATH 101 or satisfactory placement test score.

**MATH 106. University Mathematics II. 4 Credits.**

Topics include mathematics of finance, applied geometry, exponential growth and decay, and a nontechnical introduction to the concepts of calculus.

Prereq: MATH 101 or satisfactory placement test score.

**MATH 107. University Mathematics III. 4 Credits.**

Topics chosen from modular arithmetic and coding, tilings and symmetry, voting methods, apportionment, fair division, introductory graph theory, or scheduling.

Prereq: MATH 101 or satisfactory placement test score.

**MATH 111Z. Precalculus I: Functions. 4 Credits.**

A course primarily designed for students preparing for trigonometry or calculus. This course focuses on functions and their properties, including polynomial, rational, exponential, logarithmic, piecewise-defined, and inverse functions. These topics will be explored symbolically, numerically, and graphically in real-life applications and interpreted in context. This course emphasizes skill building, problem solving, modeling, reasoning, communication, connections with other disciplines, and the appropriate use of present-day technology. Previously MATH 111.

Prereq: MATH 101 or satisfactory placement test score.

**MATH 112Z. Precalculus II: Trigonometry. 4 Credits.**

A course primarily designed for students preparing for calculus and related disciplines. This course explores trigonometric functions and their applications as well as the language and measurement of angles, triangles, circles, and vectors. These topics will be explored symbolically, numerically, and graphically in real-life applications and interpreted in context. This course emphasizes skill building, problem solving, modeling, reasoning, communication, connections with other disciplines, and the appropriate use of present-day technology. Previously MATH 112.

Prereq: MATH 111Z or satisfactory placement test score.

**MATH 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**MATH 201. Algebra Math Lab. 2 Credits.**

Exploratory course in mathematics. Course focuses on techniques of mathematical exploration and discovery, the language of mathematics, and foundational issues. Topics from algebra.

**MATH 202. Geometry Math Lab. 2 Credits.**

Exploratory course in mathematics. Course focuses on techniques of mathematical exploration and discovery, the language of mathematics, and foundational issues. Topics from geometry.

**MATH 203. Analysis and Number Theory Math Lab. 2 Credits.**

Exploratory course in mathematics. Course focuses on techniques of mathematical exploration and discovery, the language of mathematics, and foundational issues. Topics from analysis and the theory of numbers.

**MATH 204. Probability and Statistics Math Lab. 2 Credits.**

Exploratory course in mathematics. Course focuses on techniques of mathematical exploration and discovery, the language of mathematics, and foundational issues. Topics from probability and statistics.

**MATH 205. Foundations Math Lab. 2 Credits.**

Exploratory course in mathematics. Course focuses on techniques of mathematical exploration and discovery, the language of mathematics, and foundational issues. Topics from the foundations of mathematics.

**MATH 206. Combinatorics Math Lab. 2 Credits.**

Exploratory course in mathematics. Course focuses on techniques of mathematical exploration and discovery, the language of mathematics, and foundational issues. Topics from combinatorics.

**MATH 211. Fundamentals of Elementary Mathematics I. 4 Credits.**

Structure of the number system, logical thinking, topics in geometry, simple functions, and basic statistics and probability. Calculators, concrete materials, and problem solving are used when appropriate. Covers the mathematics needed to teach grades K–8. Sequence.

Prereq: MATH 101, MATH 111Z, or satisfactory placement score.

**MATH 212. Fundamentals of Elementary Mathematics II. 4 Credits.**

Structure of the number system, logical thinking, topics in geometry, simple functions, and basic statistics and probability. Calculators, concrete materials, and problem solving are used when appropriate. Covers the mathematics needed to teach grades K–8. Sequence.

Prereq: MATH 211.

**MATH 213. Fundamentals of Elementary Mathematics III. 4 Credits.**

Structure of the number system, logical thinking, topics in geometry, simple functions, and basic statistics and probability. Calculators, concrete materials, and problem solving are used when appropriate. Covers the mathematics needed to teach grades K–8. Sequence.

Prereq: MATH 212.

**MATH 231. Elements of Discrete Mathematics I. 4 Credits.**

Sets, mathematical logic, induction, sequences, and functions. Sequence.

Prereq: MATH 112Z or satisfactory placement test score.

**MATH 232. Elements of Discrete Mathematics II. 4 Credits.**

Relations, theory of graphs and trees with applications, permutations and combinations.

Prereq: MATH 231.

**MATH 241. Calculus for Business and Social Science I. 4 Credits.**

Introduction to topics in differential and integral calculus including some aspects of the calculus of several variables. Sequence. Students cannot receive credit for more than one of MATH 241, MATH 246, MATH 251.

Prereq: MATH 111 or satisfactory placement test score; a programmable calculator capable of displaying function graphs.

**MATH 242. Calculus for Business and Social Science II. 4 Credits.**

Introduction to topics in differential and integral calculus including some aspects of the calculus of several variables. Students cannot receive credit for more than one of MATH 242, MATH 247, MATH 252.

Prereq: MATH 241.

**MATH 246. Calculus for the Biological Sciences I. 4 Credits.**

For students in biological science and related fields. Emphasizes modeling and applications to biology. Differential calculus and applications. Sequence. Students cannot receive credit for more than one of MATH 241, MATH 246, MATH 251.

Prereq: MATH 112Z or satisfactory placement test score.

**MATH 247. Calculus for the Biological Sciences II. 4 Credits.**

For students in biological science and related fields. Emphasizes modeling and applications to biology. Integral calculus and applications. Students cannot receive credit for more than one of MATH 242, MATH 247, MATH 252.

Prereq: MATH 246.

**MATH 251. Calculus I. 4 Credits.**

Standard sequence for students of physical and social sciences and of mathematics. Differential calculus and applications. Students cannot receive credit for more than one of MATH 241, MATH 246, MATH 251. Sequence with MATH 252 and MATH 253.

Prereq: MATH 112Z or satisfactory placement test score.

**MATH 252. Calculus II. 4 Credits.**

Standard sequence for students of physical and social sciences and of mathematics. Integral calculus. Sequence. Students cannot receive credit for more than one of MATH 242, MATH 247, MATH 252.

Prereq: MATH 251.

**MATH 253. Calculus III. 4 Credits.**

Standard sequence for students of physical and social sciences and of mathematics. Introduction to improper integrals, infinite sequences and series, Taylor series, and differential equations. Sequence.

Prereq: MATH 252.

**MATH 256. Introduction to Differential Equations. 4 Credits.**

Introduction to differential equations and applications. Linear algebra is introduced as needed.

Prereq: MATH 253.

**MATH 261. Calculus with Theory I. 4 Credits.**

Covers both applications of calculus and its theoretical background. Axiomatic treatment of the real numbers, limits, and the least upper bound property.

**MATH 262. Calculus with Theory II. 4 Credits.**

Covers both applications of calculus and its theoretical background. Differential and integral calculus.

Prereq: MATH 261.

**MATH 263. Calculus with Theory III. 4 Credits.**

Covers both applications of calculus and its theoretical background. Sequences and series, Taylor's theorem.

Prereq: MATH 262.

**MATH 281. Several-Variable Calculus I. 4 Credits.**

Introduction to calculus of functions of several variables including partial differentiation; gradient, divergence, and curl; line and surface integrals; Green's and Stokes's theorems. Linear algebra introduced as needed. Sequence.

Prereq: MATH 253.

**MATH 282. Several-Variable Calculus II. 4 Credits.**

Introduction to calculus of functions of several variables including partial differentiation; gradient, divergence, and curl; line and surface integrals; Green's and Stokes's theorems. Linear algebra introduced as needed.

Prereq: MATH 281.

**MATH 307. Introduction to Proof. 4 Credits.**

Proof is how mathematics establishes truth and communicates ideas. Introduces students to proof in the context of interesting mathematical problems. Students cannot receive credit for both PHIL 225 and MATH 307.

Prereq: MATH 247 or MATH 252 or MATH 262.

**MATH 316. Fundamentals of Analysis I. 4 Credits.**

Rigorous treatment of topics introduced in calculus such as limits, sequences, series, the Cauchy condition, and continuity. Development of mathematical proof in these contexts. Sequence with MATH 317.

Prereq: MATH 253 or equivalent; one from MATH 232, MATH 262, MATH 307.

**MATH 317. Fundamentals of Analysis II. 4 Credits.**

Rigorous treatment of topics introduced in calculus such as continuity, uniform convergence, power series, differentiation, and integration. Development of mathematical proof in these contexts. Sequence with MATH 316.

Prereq: MATH 316.

**MATH 320. Theory of Differential Equations. 4 Credits.**

An introduction to differential equations for students with background in linear algebra, with a mixture of applications and theory. Topics include linear and nonlinear equations, systems of equations, and questions of existence and uniqueness.

Prereq: MATH 281, MATH 342; one from MATH 232, MATH 262, MATH 307.

**MATH 341. Elementary Linear Algebra. 4 Credits.**

Vector and matrix algebra; n-dimensional vector spaces; systems of linear equations; linear independence and dimension; linear transformations; rank and nullity; determinants; eigenvalues; inner product spaces; theory of a single linear transformation. Sequence.

Prereq: MATH 252. MATH 253 is recommended.

**MATH 342. Elementary Linear Algebra. 4 Credits.**

Vector and matrix algebra; n-dimensional vector spaces; systems of linear equations; linear independence and dimension; linear transformations; rank and nullity; determinants; eigenvalues; inner product spaces; theory of a single linear transformation.

Prereq: MATH 341.

**MATH 343. Statistical Models and Methods. 4 Credits.**

Review of theory and applications of mathematical statistics including estimation and hypothesis testing. Students cannot get credit for both MATH 343 and DSCI 345M/MATH 345M.

Prereq: MATH 252.

**MATH 345M. Probability and Statistics for Data Science. 4 Credits.**

Introduction to probability and statistics, with an emphasis upon topics relevant for data science. Multilisted with DSCI 345M. Students cannot get credit for both MATH 343 and DSCI 345M/MATH 345M.

Prereq: MATH 342, CS 211.



**MATH 347. Fundamentals of Number Theory I. 4 Credits.**

A study of congruences, the Chinese remainder theorem, the theory of prime numbers and divisors, Diophantine equations, and quadratic reciprocity. Development of mathematical proof in these contexts. Sequence with MATH 348.

Prereq: MATH 253 or equivalent; one from MATH 232, MATH 262, MATH 307.

**MATH 348. Fundamentals of Number Theory II. 4 Credits.**

Study of nonlinear Diophantine equations, sums of squares, the theory of partitions, geometric number theory, and the distribution of prime numbers. Development of mathematical proof in these contexts. Sequence with MATH 347.

Prereq: MATH 347.

**MATH 351. Elementary Numerical Analysis I. 4 Credits.**

Basic techniques of numerical analysis and their use on computers. Topics include root approximation, linear systems, interpolation, integration, and differential equations. Sequence.

Prereq: MATH 253 or equivalent; one from MATH 232, MATH 262, MATH 307.

**MATH 352. Elementary Numerical Analysis II. 4 Credits.**

Basic techniques of numerical analysis and their use on computers. Topics include root approximation, linear systems, interpolation, integration, and differential equations.

Prereq: MATH 351.

**MATH 391. Fundamentals of Abstract Algebra I. 4 Credits.**

Introduction to algebraic structures including groups, rings, fields, and polynomial rings. Sequence.

Prereq: MATH 341; one from MATH 232, MATH 262, MATH 307.

**MATH 392. Fundamentals of Abstract Algebra II. 4 Credits.**

Introduction to algebraic structures including groups, rings, fields, and polynomial rings.

Prereq: MATH 391.

**MATH 394. Geometries from an Advanced Viewpoint I. 4 Credits.**

Topics in Euclidean geometry in two and three dimensions including constructions. Emphasizes investigations, proofs, and challenging problems. For prospective secondary and middle school teachers.

Prereq: MATH 253 or equivalent; one from MATH 232, MATH 262, MATH 307.

**MATH 395. Geometries from an Advanced Viewpoint II. 4 Credits.**

Analysis of problems in Euclidean geometry using coordinates, vectors, and the synthetic approach. Transformations in the plane and space and their groups. Introduction to non-Euclidean geometries. For prospective secondary teachers.

Prereq: MATH 394.

**MATH 397. History and Applications of Calculus. 4 Credits.**

Historical applications of calculus. Topics may include volumes by the method of exhaustion, Archimedean spiral, Kepler problem, calculus of variations, brachistochrone problem, spread of infectious disease, analysis of savings.

Prereq: MATH 253; one from MATH 232, MATH 262, MATH 307.

**MATH 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**MATH 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**MATH 403. Thesis. 1-4 Credits.**

Repeatable.

**MATH 405. Reading and Conference: [Topic]. 1-4 Credits.**

Repeatable.

**MATH 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**MATH 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MATH 411. Functions of a Complex Variable I. 4 Credits.**

Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products. Sequence.

Prereq: MATH 281; one from MATH 232, MATH 262, MATH 307.

**MATH 412. Functions of a Complex Variable II. 4 Credits.**

Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products.

Prereq: MATH 411.

**MATH 413. Introduction to Analysis I. 4 Credits.**

Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.

Prereq: MATH 282, MATH 317.

**MATH 414. Introduction to Analysis II. 4 Credits.**

Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms.

Prereq: MATH 413.

**MATH 415. Introduction to Analysis III. 4 Credits.**

Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.

Prereq: MATH 414.

**MATH 421M. Partial Differential Equations: Fourier Analysis I. 4 Credits.**

Introduction to PDEs with a view towards applications in physics. Wave and heat equations, classical Fourier series on the circle, Bessel and Legendre series. Multilisted with PHYS 421M.

Prereq: MATH 253; one from MATH 256, MATH 281.

**MATH 422. Partial Differential Equations: Fourier Analysis II. 4 Credits.**

General theory of PDEs; the Fourier transform. Laplace and Poisson equations; Green's functions and application. Mean value theorem and max-min principle.

Prereq: MATH 421M or PHYS 421M.

**MATH 425. Statistical Methods I. 4 Credits.**

Statistical methods for upper-division and graduate students anticipating research in nonmathematical disciplines. Presentation of data, sampling distributions, tests of significance, confidence intervals, linear regression, analysis of variance, correlation, statistical software. Sequence. Only nonmajors and nonminors may receive upper-division credit. Students cannot receive credit for both STAT 243Z and MATH 425.

Prereq: MATH 111Z or satisfactory placement test score.

**MATH 431. Introduction to Topology I. 4 Credits.**

Elementary point-set topology with an introduction to combinatorial topology and homotopy. Sequence with MATH 432, MATH 434.

Prereq: MATH 317.



**MATH 432. Introduction to Topology II. 4 Credits.**

Introduction to differential topology and de Rham cohomology. Sequence with MATH 431, MATH 434.

Prereq: MATH 281, MATH 341, MATH 431.

**MATH 433. Introduction to Differential Geometry. 4 Credits.**

Plane and space curves, Frenet-Serret formula surfaces. Local differential geometry, Gauss-Bonnet formula, introduction to manifolds.

Prereq: MATH 282, 342; one from MATH 232, MATH 262, MATH 307.

**MATH 434. Introduction to Topology III. 4 Credits.**

Introduction to differential topology and de Rham cohomology. Sequence. Prereq: MATH 432.

**MATH 441. Linear Algebra. 4 Credits.**

Theory of vector spaces over arbitrary fields, theory of a single linear transformation, minimal polynomials, Jordan and rational canonical forms, quadratic forms, quotient spaces.

Prereq: MATH 342; one from MATH 232, MATH 262, MATH 307.

**MATH 444. Introduction to Abstract Algebra I. 4 Credits.**

Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory. Sequence.

Prereq: MATH 342; one from MATH 232, MATH 262, MATH 307.

**MATH 445. Introduction to Abstract Algebra II. 4 Credits.**

Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.

Prereq: MATH 444.

**MATH 446. Introduction to Abstract Algebra III. 4 Credits.**

Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.

Prereq: MATH 445.

**MATH 456. Networks and Combinatorics. 4 Credits.**

Fundamentals of modern combinatorics; graph theory; networks; trees; enumeration, generating functions, recursion, inclusion and exclusion; ordered sets, lattices, Boolean algebras.

Prereq: one from MATH 232, MATH 262, MATH 307.

**MATH 458. Introduction to Mathematical Cryptography. 4 Credits.**

Mathematical theory of public key cryptography. Finite field arithmetic, RSA and Diffie-Hellman algorithms, elliptic curves, generation of primes, factorization techniques. Offered alternate years.

Prereq: MATH 341.

**MATH 461. Introduction to Mathematical Methods of Statistics I. 4 Credits.**

Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates. Sequence.

Prereq: MATH 253 or MATH 263; one from MATH 232, MATH 262, MATH 307.

**MATH 462. Introduction to Mathematical Methods of Statistics II. 4 Credits.**

Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates.

Prereq: MATH 461.

**MATH 463. Mathematical Methods of Regression Analysis and Analysis of Variance. 4 Credits.**

Multinomial distribution and chi-square tests of fit, simple and multiple linear regression, analysis of variance and covariance, methods of model selection and evaluation, use of statistical software.

Prereq: MATH 342, MATH 462.

**MATH 467. Stochastic Processes. 4 Credits.**

Basics of stochastic processes including Markov chains, martingales, Poisson processes, Brownian motion and their applications.

Prereq: MATH 341, MATH 461.

**MATH 497M. Deterministic Dynamical Modeling in Biology. 4 Credits.**

This course covers deterministic dynamical models in biology, i.e., models that describe the behavior of a biological system over time as a result of internal feedback loops and external forcings. The focus will be on differential equations, discrete-time models and related computational (programming) tools. Multilisted with BI 497M.

Prereq: One from MATH 242, MATH 247, MATH 252, MATH 262, MATH 320; one from MATH 243, DSCI 345M, MATH 345M, MATH 461, MATH 467.

**MATH 499M. Stochastic Dynamical Modeling in Biology. 4 Credits.**

This course covers stochastic dynamical models in biology, i.e., mathematical models that describe the behavior of non-deterministic biological systems as a result of internal feedback loops, external forcings and random processes. Topics include stochastic iterative maps, Markov chains, vector autoregression models, and time series analysis. Multilisted with BI 499M.

Prereq: One from MATH 242, MATH 247, MATH 252, MATH 262, MATH 320; one from MATH 243, DSCI 345M, MATH 345M, MATH 461, MATH 467. Basic programming skills recommended.

**MATH 503. Thesis. 1-12 Credits.**

Repeatable.

**MATH 507. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**MATH 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MATH 511. Functions of a Complex Variable I. 4 Credits.**

Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products. Sequence.

**MATH 512. Functions of a Complex Variable II. 4 Credits.**

Complex numbers, linear fractional transformations, Cauchy-Riemann equations, Cauchy's theorem and applications, power series, residue theorem, harmonic functions, contour integration, conformal mapping, infinite products.

Prereq: MATH 511.

**MATH 513. Introduction to Analysis I. 4 Credits.**

Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.

**MATH 514. Introduction to Analysis II. 4 Credits.**

Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.

Prereq: MATH 513.

**MATH 515. Introduction to Analysis III. 4 Credits.**

Differentiation and integration on the real line and in a dimensional Euclidean space; normed linear spaces and metric spaces; vector field theory and differential forms. Sequence.

Prereq: MATH 514.

**MATH 521M. Partial Differential Equations: Fourier Analysis I. 4 Credits.**

Introduction to PDEs with a view towards applications in physics. Wave and heat equations, classical Fourier series on the circle, Bessel and Legendre series. Multilisted with PHYS 521M.

**MATH 522. Partial Differential Equations: Fourier Analysis II. 4 Credits.**

General theory of PDEs; the Fourier transform. Laplace and Poisson equations; Green's functions and application. Mean value theorem and max-min principle.

Prereq: MATH 421/521.

**MATH 525. Statistical Methods I. 4 Credits.**

Statistical methods for upper-division and graduate students anticipating research in nonmathematical disciplines. Presentation of data, sampling distributions, tests of significance, confidence intervals, linear regression, analysis of variance, correlation, statistical software. Sequence. Only nonmajors may receive graduate credit.

**MATH 531. Introduction to Topology I. 4 Credits.**

Elementary point-set topology with an introduction to combinatorial topology and homotopy. Sequence with MATH 532, MATH 534.

**MATH 532. Introduction to Topology II. 4 Credits.**

Introduction to differential topology and de Rham cohomology. Sequence with MATH 531, MATH 534.

Prereq: MATH 531.

**MATH 533. Introduction to Differential Geometry. 4 Credits.**

Plane and space curves, Frenet-Serret formula surfaces. Local differential geometry, Gauss-Bonnet formula, introduction to manifolds.

**MATH 534. Introduction to Topology III. 4 Credits.**

Introduction to differential topology and de Rham cohomology. Sequence with MATH 531, MATH 532.

Prereq: MATH 352.

**MATH 541. Linear Algebra. 4 Credits.**

Theory of vector spaces over arbitrary fields, theory of a single linear transformation, minimal polynomials, Jordan and rational canonical forms, quadratic forms, quotient spaces.

**MATH 544. Introduction to Abstract Algebra I. 4 Credits.**

Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory. Sequence.

**MATH 545. Introduction to Abstract Algebra II. 4 Credits.**

Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.

Prereq: MATH 544.

**MATH 546. Introduction to Abstract Algebra III. 4 Credits.**

Theory of groups, rings, and fields. Polynomial rings, unique factorization, and Galois theory.

Prereq: MATH 545.

**MATH 556. Networks and Combinatorics. 4 Credits.**

Fundamentals of modern combinatorics; graph theory; networks; trees; enumeration, generating functions, recursion, inclusion and exclusion; ordered sets, lattices, Boolean algebras.

**MATH 561. Introduction to Mathematical Methods of Statistics I. 4 Credits.**

Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates. Sequence.

**MATH 562. Introduction to Mathematical Methods of Statistics II. 4 Credits.**

Discrete and continuous probability models; useful distributions; applications of moment-generating functions; sample theory with applications to tests of hypotheses, point and confidence interval estimates.

Prereq: MATH 561.

**MATH 563. Mathematical Methods of Regression Analysis and Analysis of Variance. 4 Credits.**

Multinomial distribution and chi-square tests of fit, simple and multiple linear regression, analysis of variance and covariance, methods of model selection and evaluation, use of statistical software.

Prereq: MATH 562.

**MATH 567. Stochastic Processes. 4 Credits.**

Basics of stochastic processes including Markov chains, martingales, Poisson processes, Brownian motion and their applications.

Prereq: MATH 561.

**MATH 597M. Deterministic Dynamical Modeling in Biology. 4 Credits.**

This course covers deterministic dynamical models in biology, i.e., models that describe the behavior of a biological system over time as a result of internal feedback loops and external forcings. The focus will be on differential equations, discrete-time models and related computational (programming) tools. Multilisted with BI 597M.

**MATH 599M. Stochastic Dynamical Modeling in Biology. 4 Credits.**

This course covers stochastic dynamical models in biology, i.e., mathematical models that describe the behavior of non-deterministic biological systems as a result of internal feedback loops, external forcings and random processes. Topics include stochastic iterative maps, Markov chains, vector autoregression models, and time series analysis. Multilisted with BI 599M.

**MATH 600M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**MATH 601. Research: [Topic]. 1-9 Credits.**

Repeatable.

**MATH 603. Dissertation. 1-16 Credits.**

Repeatable.

**MATH 604. Internship: [Topic]. 1-9 Credits.**

Repeatable.

**MATH 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**MATH 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Topics include Advanced Topics in Geometry, Ring Theory, Teaching Mathematics.

**MATH 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MATH 616. Real Analysis. 4-5 Credits.**

Measure and integration theory, differentiation, and functional analysis with point-set topology as needed. Sequence.

**MATH 617. Real Analysis. 4-5 Credits.**

Measure and integration theory, differentiation, and functional analysis with point-set topology as needed. Sequence.  
Prereq: MATH 616.

**MATH 618. Real Analysis. 4-5 Credits.**

Measure and integration theory, differentiation, and functional analysis with point-set topology as needed. Sequence.  
Prereq: MATH 617.

**MATH 619. Complex Analysis. 4-5 Credits.**

The theory of Cauchy, power series, contour integration, entire functions, and related topics.

**MATH 634. Algebraic Topology. 4-5 Credits.**

Development of homotopy, homology, and cohomology with point-set topology as needed. Sequence.

**MATH 635. Algebraic Topology. 4-5 Credits.**

Development of homotopy, homology, and cohomology with point-set topology as needed. Sequence.  
Prereq: MATH 634.

**MATH 636. Algebraic Topology. 4-5 Credits.**

Development of homotopy, homology, and cohomology with point-set topology as needed. Sequence.  
Prereq: MATH 635.

**MATH 637. Differential Geometry. 4-5 Credits.**

Topics include curvature and torsion, Serret-Frenet formulas, theory of surfaces, differentiable manifolds, tensors, forms and integration. Sequence.

**MATH 638. Differential Geometry. 4-5 Credits.**

Topics include curvature and torsion, Serret-Frenet formulas, theory of surfaces, differentiable manifolds, tensors, forms and integration. Sequence.  
Prereq: MATH 637.

**MATH 639. Differential Geometry. 4-5 Credits.**

Topics include curvature and torsion, Serret-Frenet formulas, theory of surfaces, differentiable manifolds, tensors, forms and integration. Sequence.

**MATH 647. Abstract Algebra. 4-5 Credits.**

Group theory, fields, Galois theory, algebraic numbers, matrices, rings, algebras. Sequence.

**MATH 648. Abstract Algebra. 4-5 Credits.**

Group theory, fields, Galois theory, algebraic numbers, matrices, rings, algebras. Sequence.  
Prereq: MATH 647.

**MATH 649. Abstract Algebra. 4-5 Credits.**

Group theory, fields, Galois theory, algebraic numbers, matrices, rings, algebras. Sequence.  
Prereq: MATH 648.

**MATH 672. Theory of Probability. 4-5 Credits.**

Measure and integration, probability spaces, laws of large numbers, central-limit theory, conditioning, martingales, random walks.  
Prereq: MATH 671.

**MATH 673. Theory of Probability. 4-5 Credits.**

Measure and integration, probability spaces, laws of large numbers, central-limit theory, conditioning, martingales, random walks.  
Prereq: MATH 672.

**MATH 681. Advanced Algebra: [Topic]. 4-5 Credits.**

Repeatable. Topics selected from theory of finite groups, representations of finite groups, Lie groups, Lie algebras, algebraic groups, ring theory, algebraic number theory.

**MATH 682. Advanced Algebra: [Topic]. 4-5 Credits.**

Repeatable. Topics selected from theory of finite groups, representations of finite groups, Lie groups, Lie algebras, algebraic groups, ring theory, algebraic number theory.

**MATH 683. Advanced Algebra: [Topic]. 4-5 Credits.**

Repeatable. Topics selected from theory of finite groups, representations of finite groups, Lie groups, Lie algebras, algebraic groups, ring theory, algebraic number theory.

**MATH 684. Advanced Analysis: [Topic]. 4-5 Credits.**

Repeatable. Topics selected from Banach algebras, operator theory, functional analysis, harmonic analysis on topological groups, theory of distributions.

**MATH 685. Advanced Analysis: [Topic]. 4-5 Credits.**

Repeatable. Topics selected from Banach algebras, operator theory, functional analysis, harmonic analysis on topological groups, theory of distributions.

**MATH 686. Advanced Analysis: [Topic]. 4-5 Credits.**

Repeatable. Topics selected from Banach algebras, operator theory, functional analysis, harmonic analysis on topological groups, theory of distributions.

**MATH 690. Advanced Geometry and Topology: [Topic]. 4-5 Credits.**

Repeatable. Topics selected from classical and local differential geometry; symmetric spaces; low-dimensional topology; differential topology; global analysis; homology, cohomology, and homotopy; differential analysis and singularity theory; knot theory.

**MATH 691. Advanced Geometry and Topology: [Topic]. 4-5 Credits.**

Repeatable. Topics selected from classical and local differential geometry; symmetric spaces; low-dimensional topology; differential topology; global analysis; homology, cohomology, and homotopy; differential analysis and singularity theory; knot theory.

**MATH 692. Advanced Geometry and Topology: [Topic]. 4-5 Credits.**

Repeatable. Topics selected from classical and local differential geometry; symmetric spaces; low-dimensional topology; differential topology; global analysis; homology, cohomology, and homotopy; differential analysis and singularity theory; knot theory.

## Medieval Studies Courses

### Courses

**MDVL 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**MDVL 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**MDVL 403. Thesis. 1-8 Credits.**

Repeatable.

**MDVL 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

**MDVL 406. Field Studies: [Topic]. 1-4 Credits.**

Repeatable.

**MDVL 408. Workshop: [Topic]. 1-4 Credits.**

Repeatable.

**MDVL 410. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**MDVL 503. Thesis. 1-8 Credits.**  
Repeatable.

**MDVL 508. Workshop: [Topic]. 1-4 Credits.**  
Repeatable.

**MDVL 510. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

## Middle East and North African Studies Courses

### Courses

**MENA 111. Media Coverage of the Middle East. 4 Credits.**  
This course deals with how the Middle East has been portrayed in the U.S. through news reports, films, graphic novels, Web pages, and other media. It examines the construction of "the Middle East" as a category of inquiry, and explores ethical issues surrounding this construction.

**MENA 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**MENA 200M. Temp Multilist Course. 4 Credits.**

**MENA 299. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**MENA 399. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**MENA 401. Research: [Topic]. 1-5 Credits.**  
Repeatable.

**MENA 404. Internship: [Topic]. 1-12 Credits.**  
Repeatable.

**MENA 405. Reading and Conference: [Topic]. 1-5 Credits.**  
Repeatable.

**MENA 407. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**MENA 409. Terminal Project. 1-12 Credits.**  
Repeatable.

**MENA 410. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

## Military Science Courses

### Courses

**MIL 121. Military Science I. 2 Credits.**  
Constitutional beginnings, organization, and role of today's army; physical fitness; introduction to equipment and small-unit operations.

**MIL 122. Military Science I. 2 Credits.**  
Operational and survival skills, topographic map reading and land navigation, first-aid, small-unit tactics, and practical exercises with Army weapons and equipment.

**MIL 123. Military Science I. 2 Credits.**  
Characteristics and methods of successful leadership--building trust, understanding, cooperation, and communication; responsibilities of leadership including personal motivation and ethics.

**MIL 131. Physical Training. 1 Credit.**

Participatory physical training program that follows the U.S. Army's physical fitness program. Prepares students for the rigors of military activities through a systematic physical conditioning process. Repeatable five times for a maximum of 6 credits.

**MIL 141. Ranger Challenge. 3 Credits.**

Course training focuses on basic infantry individual and team skills. Course culminates in squad-sized teams competing against other schools in the region. Repeatable once for a maximum of 6 credits.

**MIL 191. Leadership Laboratory. 1 Credit.**

Repeatable. Laboratory for practical experience. Assesses cadet leadership potential, communication, problem-solving, and decision-making skills. One field-training exercise a term. Repeatable five times for maximum of 6 credits.

**MIL 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable. A current topic is Physical Fitness Training. Repeatable six times for maximum of 6 credits.

**MIL 221. Military Science II. 2 Credits.**

Basic leadership and technical military skills--map reading, first aid, and communication skills. Focus is individual abilities and building effective teams.

**MIL 222. Military Science II. 2 Credits.**

Purpose, roles, and obligations of commissioned officers; organizational values and their application to the decision-making process; military tactics in small-unit operations.

**MIL 223. Military Science II. 2 Credits.**

Self and team development in Army operations; comprehension and use of the five-paragraph Operations Order; tactics; land navigation.

**MIL 321. Military Science III. 4 Credits.**

Teaches the sixteen leadership dimensions and application to infantry tactics, operation orders, and orienteering. Lectures, laboratory, field training exercises.

Prereq or coreq: MIL 223

**MIL 322. Military Science III. 4 Credits.**

Strengthens individual abilities with experience in marksmanship, drill, and tactics. Lectures, laboratory, field training exercises.

Prereq: MIL 223

**MIL 323. Military Science III. 4 Credits.**

Evaluates leadership abilities in tactical and nontactical settings.

Lectures, laboratory, field training exercises.

Prereq: MIL 223

**MIL 331. Physical Training. 1 Credit.**

Emphasizes physical fitness and overall good health. Focus is on the intensity, duration, and frequency of fitness training, resulting in improved health and physical fitness. Repeatable five times for a maximum of 6 credits.

**MIL 405. Reading and Conference: [Topic]. 1-3 Credits.**

Repeatable once.

**MIL 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**MIL 421. Military Science IV. 4 Credits.**

Planning, evaluating, and conducting unit training and practical exercises. Lectures, laboratory, and field training exercises.

Prereq: MIL 323.

**MIL 422. Military Science IV. 4 Credits.**

Study of judicial and nonjudicial proceedings and administrative actions available to commanders. Lectures, laboratory, and field training exercises.

Prereq: MIL 323.

**MIL 423. Military Science IV. 4 Credits.**

Duties and responsibilities of a lieutenant; ethical decision making, counseling subordinates, evaluation reports, transition to active duty. Lectures, laboratory, and field training exercises.

Prereq: MIL 323.

## Museum of Natural and Cultural History Courses

### Courses

**ANTM 196. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**ANTM 198. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**ANTM 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable

**ANTM 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ANTM 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**ANTM 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**ANTM 403. Thesis. 1-12 Credits.**

Repeatable

**ANTM 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**ANTM 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**ANTM 406. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**ANTM 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**ANTM 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**ANTM 409. Terminal Project. 1-12 Credits.**

Repeatable.

**ANTM 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ANTM 503. Thesis. 1-16 Credits.**

Repeatable.

**ANTM 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**ANTM 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**ANTM 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**ANTM 603. Dissertation. 1-16 Credits.**

Repeatable.

**ANTM 605. Special Problems: [Topic]. 1-16 Credits.**

Repeatable.

**ANTM 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**ANTM 609. Terminal Project. 1-12 Credits.**

Repeatable.

## Music Courses

### Courses

**MUS 125. Understanding Music. 4 Credits.**

Presents the basic elements of music, historical style periods of Western art music, development of jazz and popular music.

**MUS 126. Music Theory Fundamentals. 3 Credits.**

Introduction to musical notation and basic musical elements, such as staves, clefs, rhythmic values, scales, and chords. Requires no musical background.

**MUS 131. Music Theory I. 2 Credits.**

Elementary study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence. Prereq: MUS 134 is prereq or co-req.

**MUS 132. Music Theory II. 2 Credits.**

Elementary study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence. Prereq: MUS 131, MUS 134, MUS 137, or satisfactory placement test score.

**MUS 133. Music Theory III. 2 Credits.**

Elementary study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence. Prereq: MUS 132, MUS 135, MUS 138, or satisfactory placement test score.

**MUS 134. Aural Skills I. 2 Credits.**

Elementary ear training through sight singing, dictation, and related activities. Sequence with MUS 135, MUS 136, MUS 234, MUS 235. Prereq: MUS 131 is prereq or co-req.

**MUS 135. Aural Skills II. 2 Credits.**

Elementary ear training through sight singing, dictation, and related activities. Sequence. Prereq: MUS 131, MUS 134, MUS 137 or satisfactory placement test score.

**MUS 136. Aural Skills III. 2 Credits.**

Elementary ear training through sight singing, dictation, and related activities. Sequence. Prereq: MUS 132, MUS 135, MUS 138 or satisfactory placement test score.

**MUS 137. Keyboard Skills I. 1 Credit.**

Performance of rhythmic patterns, scales, intervals, and chord progressions. Harmonization, transposition, improvisation, and figured bass on the keyboard. Sequence. Keyboard lab fee. Coreq MUS 131, MUS 134.

**MUS 138. Keyboard Skills II. 1 Credit.**

Performance of rhythmic patterns, scales, intervals, and chord progressions. Harmonization, transposition, improvisation, and figured bass on the keyboard. Sequence. Keyboard lab fee. Prereq: MUS 131, MUS 134, MUS 137 or satisfactory placement test score.



**MUS 139. Keyboard Skills III. 1 Credit.**

Performance of rhythmic patterns, scales, intervals, and chord progressions. Harmonization, transposition, improvisation, and figured bass on the keyboard. Sequence. Keyboard lab fee.

Prereq: MUS 132, MUS 135, MUS 138 or satisfactory placement test score.

**MUS 141. Popular Piano and Musicianship I. 4 Credits.**

Understanding general musicianship—what it is and how it relates to genre and culture—in popular music. Sequence with MUS 142, MUS 143.

**MUS 142. Popular Piano and Musicianship II. 4 Credits.**

Continuing study of musicianship—integrated music theory, ear training, and piano—through piano instruction in popular music styles. Sequence with MUS 141, MUS 143.

Prereq: MUS 141.

**MUS 143. Popular Piano and Musicianship III. 4 Credits.**

Continuing study of musicianship—integrated music theory, ear training, and piano—through piano instruction in popular music styles. Sequence with MUS 141, MUS 142.

Prereq: MUS 142.

**MUS 151. Popular Songwriting. 4 Credits.**

Composing and producing songs using software applications and studying historical examples to understand how musical techniques reflect societal trends and express ideas. Music background optional. Laboratory fee.

**MUS 155. Introduction to Lyric Diction. 2 Credits.**

Introduction to pronunciation of standard languages for students pursuing careers related to singing. The International Phonetic Alphabet is applied to the texts of simple repertoire. English, Italian, Spanish.

**MUS 156. Introduction to Lyric Diction. 2 Credits.**

Introduction to pronunciation of standard languages for students pursuing careers related to singing. The International Phonetic Alphabet is applied to the texts of simple repertoire. German, French.

Prereq: MUS 155.

**MUS 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**MUS 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**MUS 227. Elements of Electronic Music. 4 Credits.**

Introduction to experimental and popular electronic music. Topics include fundamental elements of musical construction, history, technology, composers, musicians, copyright law, sampling, styles, and aesthetics.

**MUS 231. Music Theory IV. 2 Credits.**

Study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence.

Prereq: MUS 133, MUS 136, MUS 139 or satisfactory placement test score.

**MUS 232. Music Theory V. 2 Credits.**

Study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence.

Prereq: MUS 231 or satisfactory placement test score.

**MUS 233. Music Theory VI. 2 Credits.**

Study of musical structure, emphasizing the acquisition of descriptive, notational, compositional, and analytical capacity. Sequence.

Prereq: MUS 232 or satisfactory placement test score.

**MUS 234. Aural Skills IV. 2 Credits.**

Ear training through sight singing, dictation, and related activities.

Sequence.

Prereq: MUS 133, MUS 136, MUS 139 or satisfactory placement test score.

**MUS 235. Aural Skills V. 2 Credits.**

Ear training through sight singing, dictation, and related activities.

Sequence.

Prereq: MUS 234 or satisfactory placement test score.

**MUS 240. Composition I. 3 Credits.**

Introduction to musical composition. Problems of notation, scoring for instruments, basic concepts of form; contemporary techniques; emphasis on student's own beginning creative work. Sequence.

Prereq: MUS 133, MUS 136, MUS 139 or equivalent.

**MUS 241. Composition I. 3 Credits.**

Introduction to musical composition. Problems of notation, scoring for instruments, basic concepts of form; contemporary techniques; emphasis on student's own beginning creative work. Sequence.

Prereq: MUS 240.

**MUS 242. Composition I. 3 Credits.**

Introduction to musical composition. Problems of notation, scoring for instruments, basic concepts of form; contemporary techniques; emphasis on student's own beginning creative work. Sequence.

Prereq: MUS 241.

**MUS 249. Popular Music Analysis. 3 Credits.**

Analysis of popular songs in diverse styles, focusing on form, harmony, timbre, rhythm, and lyrics.

Prereq: MUS 131, MUS 134, MUS 151.

**MUS 250. Popular Musics in Global Context. 4 Credits.**

Surveys the global popular music landscape of the 20th and 21st centuries, with an emphasis on identity and cultural mixture.

**MUS 263. US Popular Music 1800 to 1930. 4 Credits.**

This class examines the origins and development of popular music in the USA from its roots in the 19th century through the 1920s.

**MUS 264. US Popular Music 1930 to 1965. 4 Credits.**

This class examines the development of popular music in the USA from 1930 to 1965, including swing, blues, and the rise of rock 'n' roll.

**MUS 265. US Popular Music 1965 to 2000. 4 Credits.**

This class examines the development of popular music in the USA from 1965-2000 by contrasting mainstream rock with various "alternative" genres.

**MUS 267. History of Music 800 to 1600. 4 Credits.**

Study of the history and evolution of music, principally Western art music, from the early Middle Ages through the Renaissance.

Prereq: WR 121Z.

**MUS 268. Survey of Music History 1600 to 1800. 4 Credits.**

Study of the history and evolution of music, principally Western art music, from the early Middle Ages to the present.

Prereq: WR 121Z.

**MUS 269. Survey of Music History 1800 to Present. 4 Credits.**

Key themes in the history, culture, aesthetics, and social context of Western art music from 1800 to the present.

Prereq: WR 121Z.

**MUS 270. History of the Blues. 4 Credits.**

Traces blues music from its African and African American roots through its 20th-century history and its influence on the values of jazz, rhythm and blues, and country music.

**MUS 281. Music of the Woodstock Generation. 4 Credits.**

Examines the relationship between popular music and social upheavals in the United States during the 1960s.

**MUS 322. Music Fundamentals. 3 Credits.**

Music notation and terminology; learning musical rudiments through singing simple songs; introduction to simple melodic, rhythmic, and harmonic instruments. Laboratory fee. Educational foundations majors only.

**MUS 327. Analysis: [Topic]. 3 Credits.**

Techniques of analysis in various types of music. Repeatable up to five times with change of topic.

Prereq: MUS 233.

**MUS 340. Composition II. 3 Credits.**

Composition and public performance of small works for piano, voice, and small ensembles.

Prereq: MUS 242 or equivalent.

**MUS 341. Composition II. 3 Credits.**

Composition and public performance of small works for piano, voice, and small ensembles.

Prereq: MUS 340.

**MUS 342. Composition II. 3 Credits.**

Composition and public performance of small works for piano, voice, and small ensembles.

Prereq: MUS 341.

**MUS 346. Music, Money, and the Law. 4 Credits.**

Explores theory and history of relationship between money and music, and corresponding laws that govern and shape that relationship.

Topics include copyright, contract rights, media distribution technology, marketing, unions.

**MUS 351. The Music of Bach and Handel. 4 Credits.**

Compositions by Bach and Handel such as organ chorales, cantatas, oratorios, operas, and masses; cultural context in Germany, France, Italy, and England for the development of their styles.

**MUS 358. Music in World Cultures. 4 Credits.**

Explores the music of three world regions in their sociocultural context. Emphasis on listening skills, relationships between music and culture, aesthetics, styles, genres, music structures and forms, and participatory music making.

**MUS 359. Music of the Americas. 4 Credits.**

African American, Latin American, and Native American music in sociocultural context. Includes listening skills, music-culture relationship, aesthetics, styles, genres, music structures and forms, and participatory music making.

**MUS 360. Hip-Hop Music: History, Culture, Aesthetics. 4 Credits.**

Examines the history and evolution of hip-hop and rap music in the late 20th and early 21st centuries.

**MUS 363. The Beatles and Their Times. 4 Credits.**

Presents and examines the music of the Beatles in the context of post-World War II English and United States cultures and 1960s Western youth cultures.

**MUS 365. Regional Ethnomusicology: [Topic]. 4 Credits.**

Students analyze the music and dance of a specified geographic region in relation to its culture. Covers local performance and genres, social constructions. Repeatable twice for a maximum of 12 credits when geographic region changes.

**MUS 367. Survey of African Music. 4 Credits.**

Students analyze musical expression—including traditional, neotraditional, and contemporary mass mediated popular music (Afro-pop)—in Africa and the diaspora.

**MUS 380. Film Music. 4 Credits.**

Film is one of the most culturally significant art forms of the 20th–21st centuries, and music has always played a crucial role in its production and experience. This class introduces students to the history and analysis of film music from silent cinema to the present.

**MUS 382. American Musical Theater. 4 Credits.**

Students analyze selected American musicals in relation to social conditions and events at different junctures in the 19th, 20th, and 21st centuries. Offered alternate years.

**MUS 384. Introduction to Conducting. 2 Credits.**

Introduction to conducting with emphasis on the art and study of conducting, baton and left-hand technique, nonverbal (facial and body) communication, leadership, terminology, transpositions, and score reading.

Prereq: MUS 233.

**MUS 391. Collegium Musicum. 1-3 Credits.**

Study of music repertoire of the medieval, Renaissance, and baroque periods through rehearsals and extensive sight-reading; vocal and instrumental repertoire. Ensemble fee. Repeatable up to 6 times.

Prereq: audition.

**MUS 393. Oregon Electronic Device Orchestra. 2 Credits.**

Performance ensemble that uses data-driven musical instruments in combination with software and hardware to perform music and intermedia compositions. Repeatable eleven times for a maximum of 24 credits.

Prereq: MUS 447 or MUS 448.

**MUS 394. Chamber Ensemble: [Topic]. 1-2 Credits.**

Participation in a chamber music ensemble. Accompanying, Brass, Chamber Ensemble, Hip-Hop Ensemble, Popular Music Ensemble, Jazz Guitar Ensemble, Oregon Percussion Ensemble, String Chamber Ensemble, Studio Guitar Ensemble, Trombone Ensemble, Tuba and Euphonium Ensemble, Woodwind Chamber Ensemble. Repeatable 11 times for a maximum of 24 credits.

Prereq: Audition for certain of the chamber ensembles listed above, per instructor. No audition for Brass Chamber Ensemble, String Chamber Ensemble, or Woodwind Chamber Ensemble.

**MUS 395. Band: [Topic]. 1-2 Credits.**

Participation in a band. Repeatable. Green Garter Band, Oregon Basketball Band, Oregon Marching Band, Oregon Wind Ensemble, UO Campus Band, Oregon Wind Symphony, Yellow Garter Band. Ensemble fee for Oregon Wind Ensemble, Oregon Wind Symphony, UO Campus Band.

Prereq: audition (except UO Campus Band and Oregon Marching Band).

**MUS 396. Orchestra: [Topic]. 1-2 Credits.**

Participation in an orchestra. University Symphony Orchestra, Campus Orchestra. Ensemble fee. Repeatable 11 times for a maximum of 24 credits.

Prereq: audition (except Campus Orchestra).

**MUS 397. Chorus: [Topic]. 2 Credits.**

Participation in a choral ensemble. Chamber Choir, Concert Choir, Gospel Singers, Repertoire Singers, University Gospel Choir, University Gospel Ensemble, University Singers, Women's Choir. Ensemble fee. Repeatable.

Prereq: audition or voice screening (except Concert Choir and Gospel Choir).

**MUS 398. Opera Workshop. 2 Credits.**

Traditional and contemporary repertory for musical theater through analysis, rehearsal, and performance of complete and excerpted works; training in stage movement, diction, and rehearsal techniques. Repeatable up to 6 times.

Prereq: audition.

**MUS 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**MUS 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**MUS 402. Supervised Tutoring. 1-12 Credits.**

Repeatable.

**MUS 403. Thesis. 1-12 Credits.**

Repeatable.

**MUS 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable. Individual study of topics agreed upon by the student and faculty adviser.

Prereq: completion of all regularly scheduled courses related to the topic or equivalent.

**MUS 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Various topics at an advanced level, offered periodically according to student and faculty interest and availability.

**MUS 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**MUS 409. Terminal Project. 1-12 Credits.**

Repeatable.

**MUS 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Recent courses include Meditation for Performers and Andean Music Ensemble.

**MUS 416. Post-Tonal Theory I. 3 Credits.**

Introduction to theory and analysis of post-tonal music. Concepts of pitch-class set analysis and practical applications. Sequence. Offered alternate years.

Prereq: MUS 327.

**MUS 417. Post-Tonal Theory II. 3 Credits.**

Introduction to theory and analysis of post-tonal music. Concepts of pitch-class set analysis and practical applications. Sequence. Offered alternate years.

Prereq: MUS 416.

**MUS 421. The Collaborative Pianist. 2 Credits.**

Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.

Prereq: MUP 271 or above.

**MUS 422. The Collaborative Pianist. 2 Credits.**

Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.

Prereq: MUS 421.

**MUS 423. The Collaborative Pianist. 2 Credits.**

Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.

Prereq: MUS 422.

**MUS 428. Cultures of Musical Celebrity. 3 Credits.**

Examines the cultural phenomenon of celebrity among musicians, composers, and audiences from antiquity to the present. Topics include cults, crowds, branding, shrines, and charisma.

Prereq: WR 122Z or WR 123.

**MUS 430. Tonal Analysis: Linear Prolongational Analysis. 3 Credits.**

Introduction to techniques of linear/prolongational analysis; exploration of connections between contrapuntal structures and small musical forms.

Prereq: MUS 327.

**MUS 431. Tonal Analysis: Form in Tonal Music. 3 Credits.**

Exploration of the analysis of form in music from the Baroque, Classical, and Romantic eras; covers Sonata Theory, form-functional theory, processual approaches to form, and the relationship between formal types and linear structures.

Prereq: MUS 327.

**MUS 432. Tonal Analysis: Analysis of Popular Music. 3 Credits.**

Exploration of the analysis of popular music, with repertoire from the 1960s to the present; discussion of methodologies adapted from traditional music theory, including form, harmony, meter, and rhythm, as well as more repertoire-specific topics, such as timbre, texture, and lyrics.

Prereq: MUS 327.

**MUS 433. Counterpoint. 4 Credits.**

Study of modal and tonal counterpoint through analysis and composition: 16th-century sacred polyphony.

Prereq: MUS 233, MUS 236.

**MUS 434. Counterpoint. 4 Credits.**

Study of modal and tonal counterpoint through analysis and composition: baroque imitative counterpoint.

Prereq: MUS 433.

**MUS 435. Counterpoint. 4 Credits.**

Study of modal and tonal counterpoint through analysis and composition: varies—typically devoted to more advanced fugal writing, 20th-century counterpoint, or other modal composition.

Prereq: MUS 434.

**MUS 436. World Music Ensemble: [Topic]. 2 Credits.**

Students engage the embodied practices and sociocultural contexts of diverse music-dance practices associated with the world music categories specified in the topic. Repeatable once for a maximum of 4 credits.

**MUS 437. Documentary Field Recording. 3 Credits.**

Field Recording centers around the documentation and discovery of sound sources and their cultural relevance. This can take many forms, but all forms have a common thread: creating a narrative. Use of digital media and recording will contribute soundscapes to enhance the narrative we choose.

**MUS 438. Composers Forum. 1 Credit.**

Formulation of a two- or three-concert series of student compositions; sessions with visiting composers and UO performers and listening projects related to these residencies. Repeatable eleven times for a maximum of 12 credits.

**MUS 439. Scoring for Voices and Instruments. 3 Credits.**

Techniques of arranging and scoring for various types of choral and instrumental groups.

Prereq: MUS 233, MUS 236, MUS 239.

**MUS 440. Composition III. 3 Credits.**

Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital. Repeatable twice for a maximum of 9 credits.

Prereq: MUS 342.

**MUS 441. Composition III. 3 Credits.**

Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital. Repeatable once for a maximum of 6 credits.

Prereq: MUS 440.

**MUS 442. Composition III. 3 Credits.**

Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital. Repeatable once for a maximum of 6 credits.

Prereq: MUS 441.

**MUS 445. Electronic Composition. 3 Credits.**

Develops an elementary understanding about how computers and software are used to process digital audio and create musical compositions. Laboratory fee. Repeatable twenty-four times for maximum of 75 credits.

Prereq: MUS 447, MUS 448, MUS 476.

**MUS 446. Music Engraving. 2 Credits.**

This skills-oriented course focuses on notation and learning how to professionally engrave music using computers and advanced music notation software.

**MUS 447. Digital Audio and Sound Design. 4 Credits.**

Examines concepts of digital audio representation, sampling, and processing; considers audio mixing, basic synthesis, and sound modification techniques and fundamentals of electroacoustic composition. Laboratory fee. Repeatable once for a maximum of 8 credits.

**MUS 448. Interactive Media Performance. 3 Credits.**

Examines concepts of interactive performance using MIDI, digital audio, and video processing, and considers issues related to designing performance algorithms in software. Laboratory fee. Repeatable once for a maximum of 6 credits.

**MUS 450. Sensor Music. 3 Credits.**

Repeatable. Examines the fundamental principles for microprocessors and sensor interface design within the context of musical performance, composition, and improvisation. Repeatable thrice for a maximum of 12 credits.

Prereq: MUS 448.

**MUS 451. Introduction to Ethnomusicology. 4 Credits.**

World musics studied in their social and cultural contexts. Compares the varied approaches, ideas, and methods of selected American and European researchers since 1980.

**MUS 452. Musical Instruments of the World. 4 Credits.**

Examines instruments of the world in their cultural contexts. Covers cross-cultural issues and focuses on particular geographic areas. Includes films, recordings, live demonstrations.

**MUS 455. Lyric Diction. 3 Credits.**

Analysis and International Phonetic Alphabet transcription of song and opera texts with emphasis on the singer's approach to performance.

Offered alternate years.

Prereq: MUS 156.

**MUS 456. Lyric Diction. 3 Credits.**

Analysis and International Phonetic Alphabet transcription of song and opera texts with emphasis on the singer's approach to performance.

Offered alternate years.

Prereq: MUS 156.

**MUS 462. Popular Musics in the African Diaspora. 4 Credits.**

Examines social and historical contexts of popular musics in the African diaspora from the 20th century forward. Geographic focus is North America, the Caribbean, and Africa.

**MUS 463. Popular Music Studies. 4 Credits.**

This seminar explores current research and foundational texts in the interdisciplinary field of popular music studies.

Prereq: Two from MUS 263, MUS 264, MUS 265.

**MUS 467. Solo Vocal Music. 3 Credits.**

Solo songs with accompaniment; the lute air and Purcell; 19th-century art songs in Germany and France; 20th-century British, American, and Continental song literature; development of bases for artistic performance and sound critical judgment through study of text, voice, and accompaniment. Offered alternate years.

Prereq: MUS 269 or equivalent.

**MUS 468. Solo Vocal Music. 3 Credits.**

Solo songs with accompaniment; the lute air and Purcell; 19th-century art songs in Germany and France; 20th-century British, American, and Continental song literature; development of bases for artistic performance and sound critical judgment through study of text, voice, and accompaniment. Offered alternate years.

Prereq: MUS 269 or equivalent.

**MUS 470. History of Electroacoustic Music. 3 Credits.**

Examines the development of aesthetic movements, styles, media, instruments, and performance practice related to electroacoustic music. Repeatable once with no conditions.

Prereq: Standing as a music technology major or meeting the prerequisites for history survey courses.

**MUS 471. Musical Performance Networks. 3 Credits.**

Examines various types of network architectures and data-processing and mapping strategies that can be applied to real-time musical outcomes. Repeatable three times for a maximum of 12 credits with no conditions.

**MUS 475. History of Opera. 4 Credits.**

Critical study of the musical and dramatic content of operas forming the standard international repertoire, from Mozart to the present.

Prereq: MUS 269 or equivalent.

**MUS 476. Digital Audio Workstation Techniques I. 3 Credits.**

Explores the sequencing, editing, and routing of MIDI and digital audio using a computer. Basic Mac skills recommended. Series with MUS 477 and MUS 478. Repeatable once for a maximum of 6 credits. Laboratory fee.

**MUS 477. Digital Audio Workstation Techniques II. 3 Credits.**

Explores the principles and techniques of audio mixing, sound design, and music production using a computer. Series with MUS 476 and MUS 478. Repeatable once for a maximum of 6 credits. Laboratory fee.

Prereq: MUS 476.



**MUS 478. Digital Audio Workstation Techniques III. 3 Credits.**

Explores advanced techniques of mixing, the principles of mastering, and digital distribution using a computer. Series with MUS 476 and MUS 477. Repeatable once for a maximum of 6 credits. Laboratory fee.  
Prereq: MUS 476.

**MUS 479. Data Sonification. 4 Credits.**

Sonification uses non-speech sound to reveal new insights about data, insights that may be missed using visualizations and other graphic representations of data. The course explores developing audio applications for discovery and research and covers work in the fields of data sonification and auditory display.

**MUS 480. Audio Production Techniques I. 3 Credits.**

Hardware and software techniques for use in a music recording studio environment, including microphone usage, recording techniques, and digital production. Sequence with MUS 481, MUS 482. Laboratory fee.

**MUS 481. Audio Recording Techniques II. 3 Credits.**

Application of advanced recording techniques. Sequence with MUS 480, MUS 482. Laboratory fee.  
Pre- or coreq: MUS 480.

**MUS 482. Audio Recording Techniques III. 3 Credits.**

Focuses on the production concepts and techniques necessary to produce a full-length, professional-quality compact disc. Sequence with MUS 480, MUS 481. Laboratory fee.  
Prereq: MUS 481.

**MUS 483. Audio Effects Theory and Design. 4 Credits.**

Audio effects are common and useful tools used in the recording, mixing, and mastering of music and other sound, as well as in sound design. This course focuses on understanding, designing, and implementing audio effects, and using them for musical projects.

**MUS 484. Choral Conducting and Literature. 3 Credits.**

Choral conducting, gesture and communication, rehearsal technique, and choral literature appropriate for secondary school choral music programs (grades 6–12), community youth choirs, and collegiate ensembles. Repeatable once for maximum of 6 credits.  
Prereq: MUP 140 or higher. Coreq: MUE 387, MUE 406 Fld Prac Public School.

**MUS 486. Instrumental Conducting. 3 Credits.**

Conducting techniques as applied to band and orchestral music with emphasis on various styles and periods of music; study of 20th-century rhythms and related conducting problems. Repeatable once for a maximum of 6 credits.  
Prereq: major standing. Coreq: MUE 387.

**MUS 487. Music and Emotion. 4 Credits.**

Introduction to the psychological and philosophical study of music and the emotions, with emphasis on cognitive, evolutionary, behavioral, and socio-cultural perspectives.

**MUS 488. Analog Recording Techniques. 3 Credits.**

Analog Recording using reel to reel tape machines provides students with a unique experience in not only sonic quality, but also artistic and technical decision-making due to the mechanical limitations presented by the analog format.

**MUS 490. Balinese Gamelan. 2 Credits.**

Pacific Rim Gamelan ensemble. Performance of original compositions and traditional music for gamelan. Limited to twelve performers. Three public performances a year. Repeatable.

**MUS 499. Senior Project. 3 Credits.**

Projects in music history, analysis, theory, composition, performance, or related disciplines designed by the student in consultation with the instructor. Repeatable twice for maximum of 9 credits.

**MUS 503. Thesis. 1-16 Credits.**

Repeatable.

**MUS 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Various topics at an advanced level, offered periodically according to student and faculty interest and availability.

**MUS 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**MUS 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MUS 516. Post-Tonal Theory I. 3 Credits.**

Introduction to theory and analysis of post-tonal music. Concepts of pitch-class set analysis and practical applications. Sequence. Offered alternate years.

**MUS 517. Post-Tonal Theory II. 3 Credits.**

Introduction to theory and analysis of post-tonal music. Concepts of pitch-class set analysis and practical applications. Sequence. Offered alternate years.  
Prereq: MUS 416/MUS 516.

**MUS 521. The Collaborative Pianist. 2 Credits.**

Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.

**MUS 522. The Collaborative Pianist. 2 Credits.**

Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.  
Prereq: MUS 421/MUS 521.

**MUS 523. The Collaborative Pianist. 2 Credits.**

Comprehensive study of techniques and literature for artistic ensemble performance by pianists. Includes chamber music, art song, opera arias, accompaniment, sight-reading, and orchestral reduction skills. Sequence. Repeatable once each for maximum of 4 credits per course.  
Prereq: MUS 422/MUS 522.

**MUS 528. Cultures of Musical Celebrity. 3 Credits.**

Examines the cultural phenomenon of celebrity among musicians, composers, and audiences from antiquity to the present. Topics include cults, crowds, branding, shrines, and charisma.

**MUS 530. Tonal Analysis: Linear Prolongational Analysis. 3 Credits.**

Introduction to techniques of linear/prolongational analysis; exploration of connections between contrapuntal structures and small musical forms.

**MUS 531. Tonal Analysis: Form in Tonal Music. 3 Credits.**

Exploration of the analysis of form in music from the Baroque, Classical, and Romantic eras; covers Sonata Theory, form-functional theory, processual approaches to form, and the relationship between formal types and linear structures.

**MUS 532. Tonal Analysis: Analysis of Popular Music. 3 Credits.**

Exploration of the analysis of popular music, with repertoire from the 1960s to the present; discussion of methodologies adapted from traditional music theory, including form, harmony, meter, and rhythm, as well as more repertoire-specific topics, such as timbre, texture, and lyrics.



**MUS 533. Counterpoint. 4 Credits.**

Study of modal and tonal counterpoint through analysis and composition: 16th-century sacred polyphony.

**MUS 534. Counterpoint. 4 Credits.**

Study of modal and tonal counterpoint through analysis and composition: baroque imitative counterpoint.

Prereq: MUS 433/MUS 533.

**MUS 535. Counterpoint. 4 Credits.**

Study of modal and tonal counterpoint through analysis and composition: focus varies—typically devoted to more advanced fugal writing, 20th-century counterpoint, or other modal composition.

Prereq: MUS 434/MUS 534.

**MUS 536. World Music Ensemble: [Topic]. 2 Credits.**

Students engage the embodied practices and sociocultural contexts of diverse music-dance practices associated with the world music categories specified in the topic. Repeatable once for a maximum of 4 credits.

**MUS 538. Composers Forum. 1 Credit.**

Formulation of a two- or three-concert series of student compositions; sessions with visiting composers and UO performers and listening projects related to these residencies. Repeatable eleven times for a maximum of 12 credits.

**MUS 539. Scoring for Voices and Instruments. 3 Credits.**

Techniques of arranging and scoring for various types of choral and instrumental groups.

**MUS 540. Composition III. 3 Credits.**

Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital. Repeatable twice for a maximum of 9 credits.

**MUS 541. Composition III. 3 Credits.**

Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital. Repeatable once for a maximum of 6 credits.

**MUS 542. Composition III. 3 Credits.**

Composition and public performance of works including large or chamber ensembles. Preparation of works for senior recital. Repeatable once for a maximum of 6 credits.

**MUS 547. Digital Audio and Sound Design. 4 Credits.**

Examines concepts of digital audio representation, sampling, and processing; considers audio mixing, basic synthesis, and sound modification techniques and fundamentals of electroacoustic composition. Laboratory fee. Repeatable once for a maximum of 8 credits.

**MUS 548. Interactive Media Performance. 3 Credits.**

Examines concepts of interactive performance using MIDI, digital audio, and video processing, and considers issues related to designing performance algorithms in software. Laboratory fee. Repeatable once for a maximum of 6 credits.

**MUS 550. Sensor Music. 3 Credits.**

Examines the fundamental principles for microprocessors and sensor interface design within the context of musical performance, composition, and improvisation. Repeatable thrice for a maximum of 12 credits.

Prereq: MUS 448/MUS 558.

**MUS 551. Introduction to Ethnomusicology. 4 Credits.**

World musics studied in their social and cultural contexts. Compares the varied approaches, ideas, and methods of selected American and European researchers since 1980.

**MUS 552. Musical Instruments of the World. 4 Credits.**

Examines instruments of the world in their cultural contexts. Covers cross-cultural issues and focuses on particular geographic areas. Includes films, recordings, live demonstrations.

**MUS 555. Lyric Diction. 3 Credits.**

Analysis and International Phonetic Alphabet transcription of song and opera texts with emphasis on the singer's approach to performance. Offered alternate years.

**MUS 556. Lyric Diction. 3 Credits.**

Analysis and International Phonetic Alphabet transcription of song and opera texts with emphasis on the singer's approach to performance. Offered alternate years.

**MUS 562. Popular Musics in the African Diaspora. 4 Credits.**

Examines social and historical contexts of popular musics in the African diaspora from the 20th century on. Geographic focus is North America, the Caribbean, and Africa.

**MUS 567. Solo Vocal Music. 3 Credits.**

Solo songs with accompaniment; the lute air and Purcell; 19th-century art songs in Germany and France; 20th-century British, American, and Continental song literature; development of bases for artistic performance and sound critical judgment through study of text, voice, and accompaniment. Offered alternate years.

**MUS 568. Solo Vocal Music. 3 Credits.**

Solo songs with accompaniment; the lute air and Purcell; 19th-century art songs in Germany and France; 20th-century British, American, and Continental song literature; development of bases for artistic performance and sound critical judgment through study of text, voice, and accompaniment. Offered alternate years.

**MUS 570. History of Electroacoustic Music. 3 Credits.**

Examines the development of aesthetic movements, styles, media, instruments, and performance practice related to electroacoustic music. Repeatable once with no conditions.

Prereq: Standing as a music technology major or meeting the prerequisites for history survey courses.

**MUS 571. Musical Performance Networks. 3 Credits.**

Examines various types of network architectures and data-processing and mapping strategies that can be applied to real-time musical outcomes. Repeatable three times for a maximum of 12 credits with no conditions.

**MUS 575. History of Opera. 4 Credits.**

Critical study of the musical and dramatic content of operas forming the standard international repertoire, from Mozart to the present. Sequence.

**MUS 576. Digital Audio Workstation Techniques I. 3 Credits.**

Explores the sequencing, editing, and routing of MIDI and digital audio using a computer. Basic Mac skills recommended. Series with MUS 477 and MUS 478. Repeatable once for a maximum of 6 credits. Laboratory fee.

**MUS 577. Digital Audio Workstation Techniques II. 3 Credits.**

Explores the principles and techniques of audio mixing, sound design, and music production using a computer. Sequence with MUS 576, MUS 578. Repeatable once for a maximum of 6 credits. Laboratory fee. Prereq: MUS 576.

**MUS 578. Digital Audio Workstation Techniques III. 3 Credits.**

Explores advanced techniques of mixing, the principles of mastering, and digital distribution using a computer. Series with MUS 476 and MUS 477. Repeatable once for a maximum of 6 credits. Laboratory fee.

**MUS 579. Data Sonification. 4 Credits.**

Sonification uses non-speech sound to reveal new insights about data, insights that may be missed using visualizations and other graphic representations of data. The course explores developing audio applications for discovery and research and covers work in the fields of data sonification and auditory display.

**MUS 580. Audio Production Techniques I. 3 Credits.**

Hardware and software techniques for use in a music recording studio environment, including microphone usage, music recording techniques, and digital production. Sequence with MUS 581, MUS 582. Laboratory fee.

**MUS 581. Audio Recording Techniques II. 3 Credits.**

Application of advanced recording techniques. Sequence with MUS 580, MUS 582. Laboratory fee.  
Pre- or coreq: MUS 580.

**MUS 582. Audio Recording Techniques III. 3 Credits.**

Focuses on the production concepts and techniques necessary to produce a full-length, professional-quality compact disc. Sequence with MUS 580, MUS 581. Laboratory fee.  
Prereq: MUS 581.

**MUS 583. Audio Effects Theory and Design. 4 Credits.**

Audio effects are common and useful tools used in the recording, mixing, and mastering of music and other sound, as well as in sound design. This course focuses on understanding, designing, and implementing audio effects, and using them for musical projects.

**MUS 584. Choral Conducting and Literature. 3 Credits.**

Choral conducting, gesture and communication, rehearsal technique, and choral literature appropriate for secondary school choral music programs (grades 6–12), community youth choirs, and collegiate ensembles. Repeatable once for maximum of 6 credits.  
Prereq: MUP 140 or higher. Coreq: MUE 387, MUE 606 Fld Prac Public School.

**MUS 587. Music and Emotion. 4 Credits.**

Introduction to the psychological and philosophical study of music and the emotions, with emphasis on cognitive, evolutionary, behavioral, and socio-cultural perspectives.

**MUS 588. Analog Recording Techniques. 3 Credits.**

Analog Recording using reel to reel tape machines provides students with a unique experience in not only sonic quality, but also artistic and technical decision-making due to the mechanical limitations presented by the analog format.

**MUS 590. Balinese Gamelan. 2 Credits.**

Pacific Rim Gamelan ensemble. Performance of original compositions and traditional music for gamelan. Limited to twelve performers. Three public performances a year. Repeatable.

**MUS 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**MUS 603. Dissertation. 1-16 Credits.**

Repeatable.

**MUS 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable. Individual study of topics beyond the availability of the standard curriculum.

Prereq: completion of all regularly scheduled courses related to the topic.

**MUS 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Studies of various topics at an advanced level offered periodically according to student and faculty interest and availability. Extra fee for Oregon Bach Festival seminars.

**MUS 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**MUS 609. Terminal Project. 1-16 Credits.**

Repeatable.

**MUS 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MUS 611. Research Methods in Music. 3 Credits.**

Use of reference, research, and bibliographical sources in music. Sequence.

**MUS 614. Introduction to Musicology. 4 Credits.**

Introduces musicology and several of its subfields; includes current and recent arguments.

Prereq: major standing.

**MUS 615. Current Trends in Music Theory. 3 Credits.**

Surveys recent and developing trends in the discipline of music theory; includes discussion of writing and research methods.

**MUS 620. Bibliography in Instrumental Conducting. 3 Credits.**

Survey of research in conducting. Discussion of rehearsal strategies and psychology.

**MUS 621. Wind Repertoire. 3 Credits.**

Survey and analysis of music composed for large wind groups, from 1500 to the present. Sequence.

**MUS 622. Wind Repertoire. 3 Credits.**

Survey and analysis of music composed for large wind groups, from 1500 to the present. Sequence.

**MUS 623. Wind Repertoire. 3 Credits.**

Survey and analysis of music composed for large wind groups, from 1500 to the present. Sequence.  
Prereq: MUS 622.

**MUS 624. Instrumental Conducting Laboratory. 2 Credits.**

Study, preparation, and conducting of works for instrumental ensembles in rehearsals and performances. Repeatable twice for maximum of 6 credits.

**MUS 625. Orchestral Music: Bach to Beethoven. 2 Credits.**

Survey of orchestral music from Bach to Beethoven. Sequence with MUS 626. Offered alternate years.

**MUS 626. Orchestral Music: 1825 to Modern. 2 Credits.**

Survey of orchestral music from 1825 to the modern era. Sequence with MUS 625. Offered alternate years.

**MUS 627. Survey of Choral Literature I. 3 Credits.**

Survey and analysis of choral repertoire from the Renaissance to the modern era with an emphasis on genres and text settings

**MUS 628. Survey of Choral Literature II. 3 Credits.**

Survey of sacred and secular choral music from 1450 to the present with an emphasis on an expanded view beyond the traditional canon

**MUS 629. Repertoire and Analysis. 3 Credits.**

Analytical interpretations of musical works in a context that focuses on repertoire rather than on particular analytical methodologies. The pieces studied vary each time the course is offered. Repeatable twice for a maximum of 9 credits with varying repertoire.

**MUS 630. History of Theory I. 3 Credits.**

Examination and evaluation of theories of music from ancient times to the 16th century, including Aristides Quintilianus, Boethius, Hucbald, Guido, Franco, Tinctoris, Ramis, and Aron. Offered alternate years.

**MUS 631. History of Theory II. 3 Credits.**

Examination and evaluation of theories of music from the 16th to 19th centuries, including Glarean, Zarlino, Descartes, Rameau, Tartini, Kirnberger, C. P. E. Bach, Fetsch, Sechter, and Helmholtz. Offered alternate years.

**MUS 632. History of Theory III. 3 Credits.**

Theories of harmony and structure ranging from the mid-19th century to the present, including Hauptmann, Riemann, Schenker, Schoenberg, Hindemith, Babbitt, Forte, Lewin, Straus, and Lerdaahl. Offered alternate years.

**MUS 634. Advanced Post-Tonal Theory. 3 Credits.**

Analytic approaches to twelve-tone music.

**MUS 640. Advanced Composition Studies. 3 Credits.**

Studio instruction in composition. Repeatable twice for a maximum of 9 credits.

Prereq: MUS 442/MUS 542; coreq: MUS 538.

**MUS 641. Advanced Composition Studies. 3 Credits.**

Studio instruction in composition. Repeatable twice for a maximum of 9 credits.

Prereq: MUS 640; coreq: MUS 538.

**MUS 642. Advanced Composition Studies. 3 Credits.**

Studio instruction in composition. Repeatable twice for a maximum of 9 credits.

Prereq: MUS 641; coreq MUS 538.

**MUS 643. Notation of Medieval and Renaissance Music. 3 Credits.**

Representative examples of notational systems and practices in Western European polyphony from 900 to 1600. Offered alternate years.

**MUS 645. Advanced Electronic Composition. 3 Credits.**

Develops an advanced understanding of computers and software and how they are used to process digital audio and create musical and mediacompositions. Repeatable with instructor's consent. Laboratory fee. Repeatable up to five times.

Prereq: MUS 547, MUS 548, MUS 576; or equivalent.

**MUS 650. Piano Literature. 3 Credits.**

Advanced study of solo piano literature from Bach to the present. Sequence with MUS 650, MUS 651, MUS 652. Offered alternate years.

**MUS 651. Piano Literature. 3 Credits.**

Advanced study of solo piano literature from Bach to the present. Sequence with MUS 650, MUS 651, MUS 652. Offered alternate years. Prereq: MUS 650.

**MUS 652. Piano Literature. 1-3 Credits.**

Advanced study of solo piano literature from Bach to the present. Sequence with MUS 650, MUS 651, MUS 652. Offered alternate years. Prereq: MUS 651.

**MUS 660. Music in the Middle Ages. 3 Credits.**

Sources of Western European music in classical antiquity and the Near East; sacred monophony, secular monophony; development of polyphony. Offered alternate years.

**MUS 661. Music in the Renaissance. 3 Credits.**

The central Renaissance style in 15th-century France and Italy; high Renaissance music; late Renaissance music; developments in England and Germany; instrumental music; Renaissance music theory. Offered alternate years.

**MUS 662. Music in the Baroque Era. 3 Credits.**

Musical genres in Italy, France, Germany, Austria, Britain, the Netherlands, Spain, Mexico, and South America in historical, social, political, and cultural contexts—early 17th century through Bach and Handel. Offered alternate years.

**MUS 663. Music in the Classical Period. 3 Credits.**

Study of galant, Emfindsamer, and classical styles from c. 1730 to Boccherini, Haydn, and Mozart. Focus on instrumental and sacred music, and on opera before Mozart. Offered alternate years.

**MUS 664. Music in the Romantic Era. 3 Credits.**

Virtuosic and lyric extremes in instrumental and vocal styles. Literary romanticism, descriptive music, and the Lied; opera in France and Italy; Wagner's music drama as Gesamtkunstwerk. Offered alternate years.

**MUS 665. Music in the 20th Century. 3 Credits.**

Crisis of romanticism and tonality: transition of Debussy, Mahler, and others; new styles of Stravinsky, Schoenberg, Bartok; developments in the United States; implications of recent trends. Offered alternate years.

**MUS 670. Graduate Seminar in Musicology: [Topic]. 4 Credits.**

Advanced graduate seminars that revolve around a rotating selection of topics in musicology, emphasizing prominent research and approaches in the field. Repeatable up to ten times for a maximum of 40 credits when topic changes.

**MUS 671. Seminar in Ethnomusicology: [Topic]. 4 Credits.**

Discussion-based seminar focused on history, methods, and emerging issues related to the discipline of ethnomusicology (the study of music in/as culture).

Prereq: MUS 551 recommended.

**MUS 672. Seminar: Music Theory: [Topic]. 4 Credits.**

Advanced graduate seminars that revolve around a rotating selection of topics in music theory, emphasizing prominent research and approaches in the field.

**MUS 680. Historical Performance Practices I. 3 Credits.**

Introduction to theory and practice of sound production, rhetoric, pronunciation, instrumentation, pitch, temperament, and ornamentation in period vocal and instrumental solo and ensemble music, from the 12th through 16th centuries. Offered once every third year.

**MUS 681. Historical Performance Practices II. 3 Credits.**

Introduction to theory and practice of sound production, rhetoric, pronunciation, instrumentation, pitch, temperament, and ornamentation in period vocal and instrumental solo and ensemble music in the 17th and early 18th centuries. Offered once every third year.

**MUS 682. Historical Performance Practices III. 3 Credits.**

Introduction to theory and practice of sound production, rhetoric, pronunciation, instrumentation, pitch, temperament, and ornamentation in period vocal and instrumental solo and ensemble music in the late 18th and 19th centuries. Offered once every third year.

**MUS 683. Rhetoric and Music. 4 Credits.**

This class is designed as an in-depth study seminar of some important aspects of rhetoric as it applies to pre-World-War-One music.

**MUS 684. Musical Iconography. 4 Credits.**

In-depth study seminar of the interdisciplinary field that deals with visual representations (iconography) of all themes musical, from musical instruments, to musical notation, portraits of musicians, allegories, instruments as symbols and attributes, and concerts, from the late Middle Ages to the nineteenth century.

**MUS 691. Collegium Musicum. 1-3 Credits.**

Study of music repertoire of the medieval, Renaissance, and baroque periods through rehearsals and extensive sight-reading; vocal and instrumental repertoire. Ensemble fee. Repeatable up to six times.  
Prereq: audition.

**MUS 693. Oregon Electronic Device Orchestra. 2 Credits.**

Performance ensemble that uses data-driven musical instruments in combination with software and hardware to perform music and intermedia compositions. Repeatable 11 times. Repeatable eleven times for a maximum of 24 credits.  
Prereq: MUS 547, MUS 548.

**MUS 694. Chamber Ensemble: [Topic]. 1-2 Credits.**

Accompanying, Brass Choir, Brass Ensemble, Chamber Ensemble, Trombone Ensemble, Tuba and Euphonium Ensemble, Studio Guitar Ensemble, Jazz Guitar Ensemble, Latin Jazz Ensemble, Oregon Percussion Ensemble. Repeatable 11 times.  
Prereq: audition (except chamber ensemble).

**MUS 695. Band: [Topic]. 1-2 Credits.**

Green Garter Band, Oregon Basketball Band, Oregon Marching Band, Oregon Wind Ensemble, UO Campus Band, UO Symphonic Band, Yellow Garter Band. Ensemble fee for Oregon Wind Ensemble, UO Symphonic Band, UO Campus Band. Repeatable 11 times.  
Prereq: audition (except UO Campus Band and Oregon Marching Band).

**MUS 696. Orchestra: [Topic]. 1-2 Credits.**

University Symphony Orchestra, Campus Orchestra. Ensemble fee. Repeatable 11 times.  
Prereq: audition (except Campus Orchestra).

**MUS 697. Chorus: [Topic]. 2 Credits.**

Chamber Choir, Concert Choir, Gospel Singers, Repertoire Singers, University Gospel Choir, University Gospel Ensemble, University Singers, Women's Choir. Ensemble fee. Repeatable 11 times.  
Prereq: audition or voice screening (except Concert Choir and Gospel Choir).

**MUS 698. Opera Workshop. 2 Credits.**

Traditional and contemporary repertory for musical theater through analysis, rehearsal, and performance of complete and excerpted works; training in stage movement, diction, and rehearsal techniques. Repeatable 11 times.  
Prereq: audition.

## Music Education Courses

### Courses

**MUE 126. Orientation to Music Education. 1 Credit.**

An orientation for first year music education majors, including an overview of music education philosophy and contemporary issues in music education. In addition, an exploration of career opportunities in music education and other fields will be covered.

**MUE 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**MUE 326. Foundations of Music Education. 3 Credits.**

Professional orientation for prospective school music teachers; curricular, historical, philosophical, and social foundation of music education; ethical, professional, and social aspects of teaching; comprehensive field experience. Extra fee.

**MUE 386. Teaching Laboratory I. 1 Credit.**

Practice in teaching using microteaching techniques and music education methods in a laboratory setting.  
Prereq: admission to music education. Coreq: MUE 442.

**MUE 387. Teaching Laboratory I. 1 Credit.**

Practice in teaching using microteaching techniques and music education methods in a laboratory setting.  
Prereq: admission to music education. Coreq: MUS 484 or MUS 486.

**MUE 388. Teaching Laboratory I. 1 Credit.**

Practice in teaching using microteaching techniques and music education methods in a laboratory setting.  
Prereq: admission to music education. Coreq: MUE 411 or MUE 413.

**MUE 392. Instrumental Techniques: [Topic]. 1 Credit.**

Repeatable. Elementary instruction in pedagogy and performance of various instruments. Sections in violin and cello, low brass, high brass, percussion, flute and clarinet, saxophone, oboe and bassoon, and voice. Instrument rental fee.  
Prereq: admission to music education.

**MUE 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**MUE 403. Thesis. 1-12 Credits.**

Repeatable.

**MUE 405. Reading and Conference: [Topic]. 1-4 Credits.**

Repeatable. Individual study of topics at a level above that available in the standard curriculum.  
Prereq: completion of all regularly scheduled courses related to the topic or equivalent.

**MUE 406. Field Studies: [Topic]. 1-12 Credits.**

Repeatable.

**MUE 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Various advanced topics offered periodically according to student and faculty interest and availability.

**MUE 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable. Various topics at a level above that available in the standard curriculum.

**MUE 409. Terminal Project. 1-12 Credits.**

Repeatable. Practical experience in guiding learning activities.

**MUE 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MUE 411. Band Methods. 3 Credits.**

Concerns of band teachers in secondary and elementary schools. Observations, procedures, and instructional materials; planning and teaching lessons for analysis and criticism. Sequence. Repeatable once for a maximum of 6 credits; admission to the MUP 300 level in primary instrument required.  
Prereq: admission to music education major; admission to the MUP 300 level on primary instrument; MUE 392, MUS 486; coreq: MUE 388 or MUE 406.

**MUE 412. Elementary Music Methods. 3 Credits.**

This course is designed to prepare upper-division music education majors to teach elementary music in public schools. Students will become familiar with basic common pedagogical techniques used in the general music classroom. Lab fee.  
Prereq: Admission to music education; coreq: MUE 486.



**MUE 413. Secondary Choral Methods. 3 Credits.**

Secondary choral music curriculum, teaching methods, sight singing and music literacy, developing independent musicianship, philosophical and social foundation of vocal music education in the public schools.

Prereq: admission to music education major; admission to the MUP 300 level in voice or piano; MUS 484; coreq: MUE 388 or MUE 488.

**MUE 420. Contemporary Methods in Music Education. 3 Credits.**

This course is designed to assist upper-level and graduate music education students develop an understanding of Contemporary methods as commonly used in American public school general music K-9 grade classrooms and to apply these techniques to in-class and virtual teaching assignments.

Prereq: MUE 412.

**MUE 429. Music in Special Education. 3 Credits.**

Designed to assist senior and graduate music education majors and pedagogy majors in their awareness of the physical, intellectual, emotional, and social conditions of students with exceptionalities, so that they may be included and accommodated in music activities in the classroom.

**MUE 430. Music Classroom Management. 3 Credits.**

Techniques in classroom management; crises prevention and intervention; techniques for providing a safe and positive classroom environment; professional ethics and legal expectations. Repeatable twice for a maximum of 9 credits.

**MUE 432. Music in School and Society. 3 Credits.**

Elementary and secondary school music programs, past and present, and their relationships to the communities they serve.

**MUE 438. Curricular Strategies in Music Education. 3 Credits.**

Procedures for developing music courses for today's schools; determination of goals, content, instructional materials, and evaluative criteria; exploration of significant curriculum development projects in music education.

**MUE 442. Teaching Singing in the Classroom. 3 Credits.**

Methods for teaching group vocal technique in the classroom with emphasis on elementary, mid-level, and emerging adult voices. Concentration on development of the adolescent changing voice.

Prereq: admission to music education; coreq: MUE 387.

**MUE 450. Practicum in Music Education. 2 Credits.**

MUE 450/550 provides scope, structure, supervision, and guidance to support Music Education students during two terms of Music Education practica in accordance with the Oregon Teacher Standards.

**MUE 455. Marching Band Methods. 3 Credits.**

Teaching methods for secondary school marching bands.

**MUE 456. String Methods. 3 Credits.**

Teaching methods for the beginning string class in elementary and middle schools. Development of technique sequences for string groups in secondary schools.

**MUE 459. Fundamentals of Violin and Viola Teaching. 2 Credits.**

Development of technique for instruction of beginning violin students, including philosophy, practice habits for young students, parent education, and pedagogical skills.

**MUE 460. Early-Intermediate Violin Repertoire and Technique. 2 Credits.**

This course provides an overview of early and intermediate repertoire, focusing specifically on sequentially-organized pieces that teachers can use to logically build violin technique.

Prereq: MUE 459.

**MUE 463. Pedagogy Methods: Violin and Viola. 2 Credits.**

Principles and techniques of violin and viola teaching selected from the pedagogical approaches of Flesch, Galamian, Dounis, Rolland.

**MUE 464. Advanced Violin/Viola Pedagogy. 2 Credits.**

This course will examine the major violin pedagogy schools with their pertinent somatic counterparts. Teaching practicums will be included.

**MUE 465. Somatics for String Players. 1 Credit.**

This course will examine somatic (body awareness) in string playing. Human anatomy, performance anxiety, proper breathing, and playing alignment will be addressed. Teaching practicums will be included.

**MUE 466. Community Music Institute Practicum. 1 Credit.**

This course serves as a repeatable teaching lab with students enrolled in the University of Oregon's Community Music Institute. Initial term includes observation of master teachers. Subsequent terms include guided teaching assignments commensurate with the university student's level of experience and expertise.

Prereq: MUE 459.

**MUE 471. Piano Pedagogy I: Teaching Beginners. 3 Credits.**

In-depth study of beginning methods and materials for children and adults. Individual teaching experience. Offered alternating years.

**MUE 472. Piano Pedagogy II: Teaching Groups. 2 Credits.**

Methods and materials for group instruction of all ages and levels. Survey of learning theories and new technologies. Individual and group teaching experience. Offered alternating years.

Prereq: MUE 471; coreq: MUE 409.

**MUE 473. Piano Pedagogy III: Teaching Intermediate Levels. 2 Credits.**

Study of repertoire, technique, and teaching methods appropriate for intermediate-level piano students. Individual and master-class teaching experience. Offered alternating years.

Prereq: MUE 472; coreq: MUE 409.

**MUE 486. Teaching Laboratory II. 1 Credit.**

Practice in teaching using microteaching techniques and music education methods in a laboratory setting.

Prereq: admission to music education.

**MUE 491. Advanced Pedagogy: [Topic]. 3 Credits.**

Sections in piano and other topics. Repeatable twice in different topics for maximum of 9 credits.

**MUE 503. Thesis. 1-16 Credits.**

Repeatable.

**MUE 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Various advanced topics offered periodically according to student and faculty interest and availability.

**MUE 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable. Various topics at a level above that available in the standard curriculum.

**MUE 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MUE 511. Band Methods. 3 Credits.**

Concerns of band teachers in secondary and elementary schools. Observations, procedures, and instructional materials; planning and teaching lessons for analysis and criticism. Sequence. Repeatable once for a maximum of 6 credits; admission to the MUP 300 level in primary instrument or voice required.

Prereq: admission to the MUP 300 level on primary instrument; MUE 392, MUS 486; coreq: MUE 388 or MUE 488.



**MUE 512. Elementary Music Methods. 3 Credits.**

This course is designed to prepare upper-division music education majors to teach elementary music in public schools. Students will become familiar with basic common pedagogical techniques used in the general music classroom. Lab fee.

Prereq: admission to music education

**MUE 513. Secondary Choral Methods. 3 Credits.**

Secondary choral music curriculum, teaching methods, sight singing and music literacy, developing independent musicianship, philosophical and social foundation of vocal music education in the public schools.

Prereq: admission to the MUP 300 level in voice or piano; MUS 484/MUS 584; coreq: MUE 388 or MUE 488.

**MUE 520. Contemporary Methods in Music Education. 3 Credits.**

This course is designed to assist upper-level and graduate music education students develop an understanding of Contemporary methods as commonly used in American public school general music K-9 grade classrooms and to apply these techniques to in-class and virtual teaching assignments.

**MUE 529. Music in Special Education. 3 Credits.**

Designed to assist senior and graduate music education majors and pedagogy majors in their awareness of the physical, intellectual, emotional, and social conditions of students with exceptionalities, so that they may be included and accommodated in music activities in the classroom.

**MUE 530. Music Classroom Management. 3 Credits.**

Techniques in classroom management; crises prevention and intervention; techniques for providing a safe and positive classroom environment; professional ethics and legal expectations. Repeatable twice for a maximum of 9 credits.

**MUE 532. Music in School and Society. 3 Credits.**

Elementary and secondary school music programs, past and present, and their relationships to the communities they serve.

**MUE 538. Curricular Strategies in Music Education. 3 Credits.**

Procedures for developing music courses for today's schools; determination of goals, content, instructional materials, and evaluative criteria; exploration of significant curriculum development projects in music education.

**MUE 542. Teaching Singing in the Classroom. 3 Credits.**

Methods for teaching group vocal technique in the classroom with emphasis on elementary, mid-level, and emerging adult voices. Concentration on development of the adolescent changing voice.

Prereq: admission to music education; coreq: MUE 386.

**MUE 550. Practicum in Music Education. 2 Credits.**

MUE 450/550 provides scope, structure, supervision, and guidance to support Music Education students during two terms of Music Education practica in accordance with the Oregon Teacher Standards.

**MUE 555. Marching Band Methods. 3 Credits.**

Teaching methods for secondary school marching bands.

**MUE 556. String Methods. 3 Credits.**

Teaching methods for the beginning string class in elementary and middle schools. Development of technique sequences for string groups in secondary schools.

**MUE 559. Fundamentals of Violin and Viola Teaching. 2 Credits.**

Development of technique for instruction of beginning violin students, including philosophy, practice habits for young students, parent education, and pedagogical skills.

**MUE 560. Early-Intermediate Violin Repertoire and Technique. 2 Credits.**

This course provides an overview of early and intermediate repertoire, focusing specifically on sequentially-organized pieces that teachers can use to logically build violin technique.

Prereq: MUE 559.

**MUE 563. Pedagogy Methods: Violin and Viola. 2 Credits.**

Principles and techniques of violin and viola teaching selected from the pedagogical approaches of Flesch, Galamian, Dounis, Rolland.

**MUE 564. Advanced Violin/Viola Pedagogy. 2 Credits.**

This course will examine the major violin pedagogy schools with their pertinent somatic counterparts. Teaching practicums will be included.

**MUE 565. Somatics for String Players. 1 Credit.**

This course will examine somatic (body awareness) in string playing. Human anatomy, performance anxiety, proper breathing, and playing alignment will be addressed. Teaching practicums will be included.

**MUE 566. Community Music Institute Practicum. 1 Credit.**

This course serves as a repeatable teaching lab with students enrolled in the University of Oregon's Community Music Institute. Initial term includes observation of master teachers. Subsequent terms include guided teaching assignments commensurate with the university student's level of experience and expertise.

Prereq: MUE 559.

**MUE 571. Piano Pedagogy I: Teaching Beginners. 3 Credits.**

In-depth study of beginning methods and materials for children and adults. Individual teaching experience. Offered alternate years.

**MUE 572. Piano Pedagogy II: Teaching Groups. 2 Credits.**

Methods and materials for group instruction of all ages and levels. Survey of learning theories and new technologies. Individual and group teaching experience. Offered alternate years.

Prereq: MUE 471/MUE 571; coreq MUE 609

**MUE 573. Piano Pedagogy III: Teaching Intermediate Levels. 2 Credits.**

Study of repertoire, technique, and teaching methods appropriate for intermediate-level piano students. Individual and master-class teaching experience. Offered alternate years.

Prereq: MUE 472/MUE 572; coreq: MUE 609.

**MUE 591. Advanced Pedagogy. 3 Credits.**

Sections in piano and other topics. Repeatable twice in different topics for maximum of 9 credits.

**MUE 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**MUE 603. Dissertation. 1-16 Credits.**

Repeatable.

**MUE 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable. Individual study of topics beyond regularly scheduled courses.

Prereq: completion of all regularly scheduled courses related to the topic or equivalent.

**MUE 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**MUE 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**MUE 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**MUE 609. Terminal Project. 1-12 Credits.**

Repeatable. Professionally related experience, on campus or elsewhere, supervised by a qualified expert both in planning and in carrying out the project.

Prereq: knowledge and competence in the substance of the activity and in curricular planning.

**MUE 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MUE 612. Quantitative Research in Music Education. 3 Credits.**

A focus on quantitative methodology and research in music education, including an introduction to descriptive and inferential statistics.

Terminology, methods, and concepts relating to peer-reviewed research will be explored. Students will also have the opportunity to carry out a study using quantitative methods.

**MUE 615. Jazz Practicum. 1 Credit.**

Students will complete observations of experienced teachers in academic, ensemble, and studio settings, and will receive qualitative feedback from cooperating teachers through short, supervised teaching demonstrations.

**MUE 639. Pedagogy and Practicum: [Topic]. 3 Credits.**

Teaching strategies and practical application. Topics include composition, conducting, ethnomusicology, jazz studies, music education, music history, music technology, music theory, performance practice, instrumental conducting, voice, keyboard, strings, woodwinds, brass, and percussion. Repeatable twice when topic changes for maximum of 9 credits.

**MUE 641. College Music Teaching. 3 Credits.**

Developing knowledge, skills, and attitudes useful for teaching music; current principles of educational psychology at the college level, instructional techniques, tests and measurements.

**MUE 647. Psychology of Music. 3 Credits.**

Study of psychological, physiological, and neurological aspects of musical behavior and experience, including acoustics, human hearing, perception and cognition, development and expertise, affective response and preference, unusual abilities.

**MUE 649. History of Western Music Education. 3 Credits.**

A comprehensive overview of philosophical and historical foundations in music education from antiquity to the present day. It involves not only the study of music education from these perspectives, but general education and policy as well.

Prereq: Graduate Standing

## Music Jazz Studies Courses

### Courses

**MUJ 180. Jazz Performance Laboratory. 2 Credits.**

Drills and practical application of scales, chords, harmonic progressions, rhythmic patterns, and approach-note groups for development of skills in small jazz ensembles.

**MUJ 181. Jazz Performance Laboratory. 2 Credits.**

Drills and practical application of scales, chords, harmonic progressions, rhythmic patterns, and approach-note groups for development of skills in small jazz ensembles.

Prereq: MUJ 180

**MUJ 182. Jazz Performance Laboratory. 2 Credits.**

Drills and practical application of scales, chords, harmonic progressions, rhythmic patterns, and approach-note groups for development of skills in small jazz ensembles.

Prereq: MUJ 181

**MUJ 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**MUJ 270. Jazz Theory. 2 Credits.**

Introduction to jazz harmony: chord symbols, chord voicing practices, analysis, reharmonization practices, scale choices for improvisation, creation of bass lines.

**MUJ 271. Functional Jazz Piano I. 2 Credits.**

Performance of one- and two-handed comping style including common voice-leading practices, scales, and harmonic formulas. Reading from chord symbols and lead sheets. Sequence.

Prereq: MUJ 270.

**MUJ 272. Functional Jazz Piano II. 2 Credits.**

Performance of one- and two-handed comping style including common voice-leading practices, scales, and harmonic formulas. Reading from chord symbols and lead sheets. Sequence.

Prereq: MUJ 271.

**MUJ 273. Jazz Improvisation I. 2 Credits.**

Task-oriented performance of selected standard jazz repertoire. Chord and scale study, solo transcription, analysis, pattern practice, simple compositional forms.

Prereq: MUJ 270.

**MUJ 274. Jazz Improvisation II. 2 Credits.**

Task-oriented performance of selected standard jazz repertoire. Chord alteration, chord substitution, reharmonization and chromaticism.

Prereq: MUJ 273.

**MUJ 275. Jazz Composition 1. 2 Credits.**

Examination and application of contemporary compositional techniques utilized in jazz and commercial music idioms through the study of blues and simple song forms.

Prereq: MUJ 180, MUJ 181, MUJ 182.

**MUJ 276. Jazz Composition II. 2 Credits.**

The examination and application of contemporary compositional techniques utilized in jazz and commercial music idioms through the study and composition of simple song forms.

Prereq: MUJ 180, MUJ 181, MUJ 182.

**MUJ 350. History of Jazz, 1900–1950. 4 Credits.**

History, biography, multiculturalism, and racism in early jazz and swing through modern jazz. Includes Louis Armstrong, Duke Ellington, Charlie Parker, Dizzy Gillespie, Miles Davis.

**MUJ 351. History of Jazz, 1940 to Present. 4 Credits.**

History, biography, multiculturalism, and racism in modern jazz and free jazz to present. Includes Charlie Parker, Dizzy Gillespie, Miles Davis, John Coltrane, Ornette Coleman.

**MUJ 390. Jazz Laboratory Band III. 1 Credit.**

Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals.

Repeatable six times for a maximum of 7 credits. Ensemble fee.

**MUJ 391. Jazz Laboratory Band II. 1 Credit.**

Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals.

Repeatable six times for a maximum of 7 credits. Ensemble fee.

**MUJ 392. Oregon Jazz Ensemble. 1-2 Credits.**

Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals. Ensemble fee. Repeatable up to six times.  
Prereq: audition.

**MUJ 395. Small Jazz Ensemble: [Topic]. 1-2 Credits.**

Improvisation group. Study current and past small-group jazz performances. Repeatable eleven times for a maximum of 24 credits. Ensemble fee.  
Prereq: audition.

**MUJ 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**MUJ 405. Reading and Conference: [Topic]. 1-4 Credits.**

Repeatable.

**MUJ 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**MUJ 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**MUJ 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MUJ 440. Jazz Pedagogy Practicum. 3 Credits.**

Study of jazz pedagogy through discussion, observation, reading, listening, and practice. Topics include curriculum, rhythm section fundamentals, ensemble rehearsal strategies, and improvisation methods.  
Prereq: MUJ 182 or MUJ 270.

**MUJ 474. Jazz Repertoire I. 3 Credits.**

Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.  
Prereq: MUJ 274.

**MUJ 475. Jazz Repertoire II. 3 Credits.**

Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.  
Prereq: MUJ 474.

**MUJ 476. Jazz Repertoire III. 3 Credits.**

Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.  
Prereq: MUJ 475.

**MUJ 477. Advanced Jazz Repertoire I. 3 Credits.**

Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.  
Prereq: MUJ 476.

**MUJ 478. Advanced Jazz Repertoire II. 3 Credits.**

Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.  
Prereq: MUJ 477.

**MUJ 479. Advanced Jazz Repertoire III. 3 Credits.**

Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.  
Prereq: MUJ 478.

**MUJ 480. Jazz Arranging I. 3 Credits.**

Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.  
Prereq: MUJ 272.

**MUJ 481. Jazz Arranging II. 3 Credits.**

Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.  
Prereq: MUJ 480.

**MUJ 482. Jazz Arranging III. 3 Credits.**

Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.  
Prereq: MUJ 481.

**MUJ 483. Advanced Jazz Arranging I. 3 Credits.**

Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for senior degree recitals. Sequence.  
Prereq: MUJ 482.

**MUJ 484. Advanced Jazz Arranging II. 3 Credits.**

Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for senior degree recitals. Sequence.  
Prereq: MUJ 483.

**MUJ 485. Advanced Jazz Arranging III. 3 Credits.**

Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for senior degree recitals. Sequence.  
Prereq: MUJ 484.

**MUJ 503. Thesis. 1-16 Credits.**

Repeatable.

**MUJ 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**MUJ 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**MUJ 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MUJ 540. Jazz Pedagogy Practicum. 3 Credits.**

Study of jazz pedagogy through discussion, observation, reading, listening, and practice. Topics include curriculum, rhythm section fundamentals, ensemble rehearsal strategies, and improvisation methods.  
Prereq: For graduates: Admission to MM Jazz Studies Degree or to Graduate Specialization in Jazz Pedagogy - or - Instructor's Permission.

**MUJ 574. Jazz Repertoire I. 3 Credits.**

Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.

**MUJ 575. Jazz Repertoire II. 3 Credits.**

Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.  
Prereq: MUJ 474/MUJ 574.

**MUJ 576. Jazz Repertoire III. 3 Credits.**

Development of professional performance skills in improvisation through the study of traditional jazz repertoire. Sequence.  
Prereq: MUJ 475/MUJ 575.

**MUJ 577. Advanced Jazz Repertoire I. 3 Credits.**

Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.  
Prereq: MUJ 476/MUJ 576.

**MUJ 578. Advanced Jazz Repertoire II. 3 Credits.**

Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.  
Prereq: MUJ 477/MUJ 577.

**MUJ 579. Advanced Jazz Repertoire III. 3 Credits.**

Development of professional performance skills in improvisation through study of traditional and contemporary jazz repertoire. Sequence.  
Prereq: MUJ 478/MUJ 578.

**MUJ 580. Jazz Arranging I. 3 Credits.**

Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.

**MUJ 581. Jazz Arranging II. 3 Credits.**

Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.  
Prereq: MUJ 480/MUJ 580.

**MUJ 582. Jazz Arranging III. 3 Credits.**

Study of use of common arranging skills: reharmonization, instrumentation, block harmonization, tutti scoring techniques, five-part density. Sequence.  
Prereq: MUJ 481/MUJ 581.

**MUJ 583. Advanced Jazz Arranging I. 3 Credits.**

Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for graduate degree recitals. Sequence.  
Prereq: MUJ 482/MUJ 582.

**MUJ 584. Advanced Jazz Arranging II. 3 Credits.**

Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for graduate degree recitals. Sequence.  
Prereq: MUJ 483/MUJ 583.

**MUJ 585. Advanced Jazz Arranging III. 3 Credits.**

Composition, arranging, and performance of works for large and chamber jazz ensembles. Preparation of works for graduate degree recitals. Sequence.  
Prereq: MUJ 484/MUJ 584.

**MUJ 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**MUJ 660. Survey of Jazz Composition. 3 Credits.**

Overview of important developments and historically significant figures in jazz composition and arranging. Analysis of their music and stylistic traits.

**MUJ 661. Jazz Program Planning and Development. 3 Credits.**

Designing and nurturing a successful jazz program. Jazz curriculum, grant writing, budgets, resources, organizing student support, setting and reaching program goals.

**MUJ 690. Jazz Laboratory Band III. 1 Credit.**

Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals. Repeatable six times for a maximum of 7 credits. Ensemble fee.

**MUJ 691. Jazz Laboratory Band II. 1 Credit.**

Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals. Repeatable six times for a maximum of 7 credits. Ensemble fee.

**MUJ 692. Oregon Jazz Ensemble. 1-2 Credits.**

Large ensembles performing repertoire associated with the jazz idiom. Performances on campus, in the community, and at jazz festivals. Ensemble fee. Repeatable up to six times.

**MUJ 695. Small Jazz Ensemble: [Topic]. 1-2 Credits.**

Improvisation group. Study current and past small-group jazz performances. Repeatable six times for a maximum of 14 credits. Ensemble fee.

## Music Performance Courses

### Courses

**MUP 114. Fundamentals of Music Performance Studies I: [Topic]. 2 Credits.**

Beginning-level group instruction for students with little or no previous applied music studies. Repeatable eleven times for a maximum of 24 credits.

**MUP 115. Fundamentals of Music Performance Studies II: [Topic]. 2 Credits.**

Intermediate-level group instruction for students with only a basic applied music studies background. Repeatable 11 times for a maximum of 24 credits.

**MUP 163. Functional Piano. 2 Credits.**

Group instruction in functional keyboard skills. Repeatable twice for maximum of 6 credits.  
Prereq: MUS 138.

**MUP 165. Music Performance Studies: [Topic]. 2 Credits.**

Half-hour lessons of studio instruction in music performance. Repeatable 17 times for maximum of 36 credits.  
Prereq: Successful audition for studio instructor demonstrating proficiency.

**MUP 199. Special Studies: [Topic]. 1-5 Credits.**

Recent topics include Breathing Technique and Tuba-Euphonium Routine. Repeatable.

**MUP 265. Music Performance Studies: [Topic]. 2 Credits.**

One-hour lessons of studio instruction in music performance. Required for BMME freshman and sophomore students. Repeatable eight times for a maximum of 18 credits.  
Prereq: Successful audition for studio instructor to demonstrate proficiency.

**MUP 270. Music Performance Studies: [Topic]. 4 Credits.**

One-hour lessons of studio instruction in music performance. Required for BM-Perf. freshman and sophomore students. Repeatable eight times for a maximum of 36 credits.  
Prereq: Successful audition for studio instructor to demonstrate proficiency.

**MUP 365. Music Performance Studies. 2 Credits.**

One-hour lessons of studio instruction in music performance. Required for BMME juniors and seniors. Repeatable eight times for a maximum of 18 credits.  
Prereq: Audition for studio instructor to demonstrate proficiency.



**MUP 465. Music Performance Studies: [Topic]. 4 Credits.**

One-hour lessons of studio instruction in music performance focusing on degree recital and other significant performance preparation throughout the year. Required for BM-Performance juniors and seniors. Repeatable eight times for a maximum of 36 credits.

Prereq: Successful completion of end of sophomore year checkpoint level-up jury.

**MUP 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**MUP 635. Music Performance Studies: [Topic]. 2 Credits.**

Half-hour lessons of studio instruction in music performance. Intended for graduate-level non-performance, or secondary instrument master's students. Repeatable nine times for a maximum of 20 credits.

Prereq: Audition for studio instructor to demonstrate proficiency.

**MUP 650. Music Performance Studies. 2 Credits.**

Hour-long lessons of studio instruction in music performance. Open to Jazz Studies master's students. Repeatable nine times for a maximum of 20 credits.

Prereq: Audition for studio instructor to demonstrate proficiency.

**MUP 665. Music Performance Studies. 4 Credits.**

Hour-long lessons of studio instruction in music performance. Required for performance major master's students. Repeatable nine times for a maximum of 40 credits.

Prereq: Audition for studio instructor to demonstrate proficiency.

**MUP 765. Music Performance Studies: [Topic]. 4 Credits.**

Hour-long lessons of studio instruction in music performance. Required for DMA Performance students. Repeatable twelve times for a maximum of 52 credits.

Prereq: Audition for studio instructor to demonstrate proficiency.

## Operations and Business Analytics Courses

### Courses

**OBA 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable when the topic changes.

**OBA 311. Business Analytics I. 4 Credits.**

Explores standard protocols for describing and modeling business information and processes; techniques for designing management information systems; criteria for analyzing firms' implementations of information technology. Students cannot receive credit for both OBA 311 and OBA 311H. Sophomore standing required.

Prereq: BA 101, BA 240, EC 201, MATH 241, STAT 243Z.

**OBA 312. Business Analytics II. 4 Credits.**

Computer-aided business applications of hypothesis testing, simple linear regression. Introduction to multiple regression and nonparametric techniques. Blocked and completely randomized one- and two-factor experimental designs. Students cannot receive credit for both OBA 312 and OBA 312H. Sophomore standing required.

Prereq: OBA 311 or equivalent.

**OBA 335. Operations Management. 4 Credits.**

Concepts and applications of operations management. Use of information technology in operations. Topics include forecasting, quality, supply chain management, information systems in operations management, and planning and scheduling. Students cannot receive credit for both OBA 335 and OBA 335H. Sophomore standing required.

Prereq: BA 101, BA 240, EC 201, MATH 241, STAT 243Z.

**OBA 335H. Operations Management. 4 Credits.**

Concepts and applications of operations management. Use of information technology in operations. Topics include forecasting, quality, supply chain management, information systems in operations management, and planning and scheduling. Students cannot receive credit for both OBA 335 and OBA 335H. Sophomore standing required.

Prereq: BA 101, BA 240, EC 201, MATH 241, STAT 243Z.

**OBA 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**OBA 403. Thesis. 1-6 Credits.**

Repeatable.

**OBA 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**OBA 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**OBA 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**OBA 409. Terminal Project. 1-12 Credits.**

Repeatable.

**OBA 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable when the topic changes. Recent topics include Service Operations, Business Analytics, Analyzing Big Data.

**OBA 444. Business Database Management Systems. 4 Credits.**

Techniques for structuring and storing business data; primary focus on relational database theory, with applied skills for business users, including data warehouses, reporting, and normalization.

Prereq: OBA 340 or OBA 340H.

**OBA 455. Data Driven Predictive Modeling. 4 Credits.**

Introduction to basics of programming and fundamentals of predictive modeling.

Prereq: OBA 312 or MATH 345M.

**OBA 466. Project and Operations Management Models. 4 Credits.**

Frameworks and solutions for managing complex projects and operations; implementing optimal strategies for producing profitable new products and services in the competitive global business environment.

Prereq: OBA 335 or 335H.

**OBA 477. Supply-Chain Operations and Information. 4 Credits.**

Strategic and tactical issues pertaining to the distribution and delivery of products and services. Methodologies and systems for designing, tracking, and managing complex global operations.

Prereq: OBA 335 or 335H.

**OBA 503. Thesis. 1-16 Credits.**

Repeatable.

**OBA 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable when the topic changes. Recent topics include Service Operations, Business Analytics, Analyzing Big Data.

**OBA 544. Business Database Management Systems. 4 Credits.**

Techniques for structuring and storing business data; primary focus on relational database theory, with applied skills for business users, including data warehouses, reporting, and normalization.

Prereq: all MBA core courses.

**OBA 555. Data Driven Predictive Modeling. 4 Credits.**

Introduction to basics of programming and fundamentals of predictive modeling.



**OBA 566. Project and Operations Management Models. 4 Credits.**  
Frameworks and solutions for managing complex projects and operations; implementing optimal strategies for producing profitable new products and services in the competitive global business environment.  
Prereq: all MBA core courses.

**OBA 577. Supply-Chain Operations and Information. 4 Credits.**  
Strategic and tactical issues pertaining to the distribution and delivery of products and services. Methodologies and systems for designing, tracking, and managing complex global operations.  
Prereq: all MBA core courses.

**OBA 601. Research: [Topic]. 1-16 Credits.**  
Repeatable.

**OBA 603. Dissertation. 1-16 Credits.**  
Repeatable.

**OBA 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**OBA 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**OBA 607. Seminar: [Topic]. 1-3 Credits.**  
Repeatable.

**OBA 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**OBA 609. Terminal Project. 1-12 Credits.**  
Repeatable.

**OBA 610. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable when the topic changes.

**OBA 612. Quantitative Methods for Managers. 3 Credits.**  
Concepts and techniques of analytic decision making, sampling and statistical inference, and regression analysis.

**OBA 613. Operations Management. 3 Credits.**  
Overview of the managerial issues associated with production and delivery of goods and services. Includes the use of quantitative modeling and several case studies in operations.

## Physical Education Courses

- PE: Aquatics (p. 828) (PEAQ)
- PE: Aquatics-Scuba (p. 829) (PEAS)
- PE: Certification (p. 829) (PEC)
- PE: Fitness (p. 829) (PEF)
- PE: Individual Activities (p. 830) (PEI)
- PE: Intercollegiate Athletics (p. 831) (PEIA)
- PE: Leadership (p. 831) (PEL)
- PE: Martial Arts (p. 831) (PEMA)
- PE: Mind-Body (p. 832) (PEMB)
- PE: Outdoor Pursuits (p. 833) (PEO)
- PE: Racquet Sports (p. 834) (PERS)
- PE: Running (p. 834) (PERU)
- PE: Team Sports (p. 834) (PETS)
- PE: Weight Training (p. 835) (PEW)

## Physical Education: Aquatics Courses

### Courses

#### PEAQ 111. Learn to Swim. 1 Credit.

Learn to swim and gain confidence/comfort in shallow and deep water. A beginning course for the non-swimmer to learn how to float, submerge comfortably, and move through the water. Repeatable once for a maximum of 2 credits.

#### PEAQ 121. Water Fitness I. 1 Credit.

Repeatable. Principles of effective water-based conditioning. Cardio respiratory fitness and strength building workout. An effective workout to music using both shallow and deep water. Repeatable once for a maximum of 2 credits.

#### PEAQ 122. Water Fitness II. 1 Credit.

Repeatable. Principles of effective water-based conditioning. Cardio respiratory fitness and strength building workout. An effective workout to music using both shallow and deep water. Repeatable once for a maximum of 2 credits.

#### PEAQ 140. Paddleboard Yoga. 1 Credit.

All the benefits of yoga delivered on top of the water. The standup paddleboard (SUP) provides a balance challenge to strengthen and tone your core while gaining strength, awareness and range of motion from head to toes. A playful and unique experience for all levels. Repeatable once for a maximum of 2 credits.

#### PEAQ 199. Special Studies: [Topic]. 1-2 Credits.

Repeatable.

#### PEAQ 201. Swimming I. 1 Credit.

Repeatable. A beginning swim course for those who need to learn breathing and fundamental stroke work in freestyle and backstroke. Must be able to swim one length of the pool and be comfortable in deep water. Repeatable once for a maximum of 2 credits.

#### PEAQ 202. Swimming II. 1 Credit.

Repeatable. An intermediate-level swim course for those who want to master freestyle and breathing; improve technique in backstroke, breaststroke, and butterfly; and improve stroke efficiency and endurance. Repeatable once for a maximum of 2 credits.

#### PEAQ 203. Swimming III. 1 Credit.

Repeatable. An advanced-level swim course emphasizing endurance, sprint, and stroke work. Must be proficient in all four strokes: butterfly, backstroke, breaststroke, and freestyle. Repeatable once for a maximum of 2 credits.

#### PEAQ 351. Lifeguard Certification. 1 Credit.

Repeatable. StarGuard Lifeguard, First Aid and CPR for the Professional Rescuer certification course. Repeatable once for a maximum of 2 credits.

Prereq: Pass swimming test.

#### PEAQ 399. Special Studies: [Topic]. 1-2 Credits.

Repeatable.

# Physical Education: Aquatics-Scuba Courses

## Courses

**PEAS 199. Special Studies: [Topic]. 1 Credit.**  
Repeatable.

**PEAS 368. Scuba: Basic. 2 Credits.**  
Repeatable. Open water certification. Techniques and equipment used in underwater diving. Water safety, diving physics, medical aspects of diving, and decompression. Leads to basic scuba certification. Equipment provided. Repeatable once for maximum of 4 credits.  
Prereq: Beginning swim experience

**PEAS 369. Scuba: Advanced. 1 Credit.**  
Repeatable. Advanced open water diver certification. Navigation, deep diving, night diving and other topics. Develop underwater skills and learn speciality diving activities. Equipment provided. Repeatable once for a maximum of 2 credits.  
Prereq: PEAS 368 or equivalent.

**PEAS 370. Scuba: Rescue Diver. 1 Credit.**  
Repeatable. Rescue Diver certification. Concepts of self rescue, psychological and physical stress, tows, assists, in-water resuscitation and rescue techniques. Equipment provided. Repeatable once for maximum of 2 credits.  
Prereq: PEAS 369 or equivalent.

**PEAS 375. Scuba: Deep Diver. 1 Credit.**  
Learn to dive to greater depths and develop special skills for deep dive planning, organization, procedures, techniques and hazards. R once for a maximum of 2 credits.

**PEAS 378. Scuba: Nitrox. 1 Credit.**  
Instruction in diving with enriched air to extend 'no decompression' limits, increasing time spent underwater. Repeatable once for a maximum of 2 credits.

**PEAS 381. Scuba: Dive Master I. 1-2 Credits.**  
Repeatable. Dive master certification. Preparation toward becoming a diving instructor. In-depth knowledge of general diving theory and watermanship skills. Assist a PADI instructor with the supervision of underwater diving students, dive planning and organization. Equipment provided. Repeatable once for a maximum of 4 credits.  
Prereq: PEAS 370; 18 years old, 20 logged dives.

**PEAS 382. Scuba: Dive Master II. 1-2 Credits.**  
Repeatable. Advanced watermanship skills, leading to certification as a Dive Master. Responsible for demonstrating techniques and skills, class management, and assist students with common problems. Construct an underwater map. Repeatable once for a maximum of 4 credits.  
Prereq: PEAS 381 or equivalent.

**PEAS 399. Special Studies: [Topic]. 1-2 Credits.**  
Repeatable.

# Physical Education: Certification Courses

## Courses

**PEC 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**PEC 399. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**PEC 408. Workshop: [Topic]. 1-5 Credits.**  
Repeatable.

# Physical Education: Fitness Courses

## Courses

**PEF 131. Body Sculpting I. 1 Credit.**  
Repeatable. Emphasizes muscular endurance training for the upper body, lower body, and abdominals. Dumbbells, soft weights, tubing, steps, small medicine balls, and body resistance challenge every major muscle group in the body. Repeatable once for maximum of 2 credits.

**PEF 132. Body Sculpting II. 1 Credit.**  
Repeatable. Intermediate level emphasis on muscular endurance training for the upper body, lower body, and abdominals. Dumbbells, soft weights, tubing, steps, small medicine balls, and body resistance challenge every major muscle group in the body. Repeatable once for maximum of 2 credits.  
Prereq: PEF 131 or equivalent.

**PEF 145. F45 Functional Fitness. 1-2 Credits.**  
All levels introduction to functional fitness. Learn F45 methodology by combining functional movements, agility, diverse strength and cardiovascular training stimuli ranging from heavier, shorter weight training intervals to light weight endurance sets, allowing the body to constantly grow in functional capacity. All exercises are adaptable.

**PEF 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**PEF 201. Pilates Matwork I. 1 Credit.**  
The physiological and biochemical basis of the Stott Pilates method. Students perform essential matwork exercises using the five basic principles of Pilates exercise to lengthen and strengthen the entire body. Repeatable once for a maximum of 2 credits.

**PEF 205. Pilates Yoga Fusion. 1 Credit.**  
Repeatable. This course combines Pilates and Yoga techniques to improve balance and flexibility while building a strong muscular core. Repeatable once for credit.

**PEF 208. Fitness Barre. 1 Credit.**  
A fusion of Pilates, yoga and elements of aerobics to deliver a total body workout. Focus on posture, body awareness, strength, flexibility, and balance through low-impact, isometric and dynamic movements using a barre for a prop. All fitness levels, no dance experience necessary. Repeatable once for a maximum of 2 credits.

**PEF 221. CrossFit I. 1 Credit.**  
Introduction to highly functional cross-training movements, constantly varied and performed with intensity. Strength, endurance, power, and agility are built in a supportive, team-oriented environment. PE activity courses are repeatable once for credit.

**PEF 222. CrossFit II. 1 Credit.**  
Intermediate and advanced dynamic exercises and training progressions. Technique, strength, endurance, power and agility are enhanced. Sequence with PEF 221. PE activity courses are repeatable once for credit.  
Pre-requisite: PEF 221 or equivalent experience.

**PEF 241. Group Cycling I. 1 Credit.**

Repeatable. A high intensity workout on a specialized stationary cycle (Startrac V-bike). Designed for beginning to intermediate fitness levels, students exercise to music using a variety of riding techniques. Equipment care, muscular activation and endurance, and cardiorespiratory fitness, are covered. Repeatable once for a maximum of 2 credits.

**PEF 251. Fitness Kickboxing. 1 Credit.**

Repeatable. Practice jabs, punches, footwork, and kick patterns adapted from martial arts for the aerobics participant. Features a warm-up, more than 30 minutes of skills training and combinations, a cool-down, and stretching. Repeatable once for a maximum of 2 credits.

**PEF 261. Cardio Fusion. 1 Credit.**

A fusion of aerobic dance, martial arts, and yoga movements, this course focuses on improving strength, cardiovascular fitness, and neuromuscular coordination. Repeatable. All PE activity classes are repeatable once for credit.

**PEF 301. Core and Stretch. 1 Credit.**

Gain physical strength, flexibility, and muscular endurance while learning about physiology and anatomy. Develop personalized training program. Repeatable once for maximum of 2 credits.

**PEF 311. Boot Camp. 1 Credit.**

Sport conditioning drills, running, resistance training, and dynamic core work to improve cardiovascular fitness, muscular endurance, agility, and flexibility. For students with a good base of physical fitness. Repeatable once for credit.

**PEF 321. Zumba. 1 Credit.**

Repeatable. Fitness and dance moves to Latin rhythm and music: salsa, meringue, cumbia, and others. Simple enough for beginners yet can challenge the fitness of advanced exercisers. Repeatable once for credit.

**PEF 326. Fitness Dance. 1 Credit.**

Cardiovascular workout, dance moves and routines to Top Forty hits, music videos, and hip-hop. Typical class features warm-up, 30 minutes of dance, and cool-down. Repeatable once for credit.

**PEF 340. Personal Trainer. 3 Credits.**

Lecture and lab experiences for administering fitness assessments in individual and group settings. Prepares the student for the American Council on Exercise Personal Trainer Certification Exam.

**PEF 342. Group Fitness Instructor Training. 3 Credits.**

Sessions on anatomy, physiology, exercise technique, choreography, cuing, safety, training principles, and legal and ethical issues. Students prepare to take a national certification exam. Practicum experience may follow.

**PEF 344. Eat, Move, and Be Well. 2 Credits.**

For students in need of lifestyle behavior change and guidance who are motivated to use a holistic wellness approach (nutrition, exercise, stress management) to initiate healthy habits. Class includes twice a week 50-minute movement sessions.

**PEF 345. Nutrition and Performance. 3 Credits.**

Explores the influence of nutrition on athletic performance and health. Includes body composition assessment, nutritional analysis, and personal dietary and training behaviors. Risks and benefits of nutritional supplements.

**PEF 347. Nutrition Daily. 1 Credit.**

Learn the foundations of nutrition and how it applies to you, the individual, based on goals, physical make-up, lifestyle and activity. Learn the importance and identification of macronutrients, efficient meal planning and preparation, grocery shopping and navigating nutrition labels.

**PEF 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PEF 408. Workshop: [Topic]. 1-5 Credits.**

Repeatable.

## Physical Education: Individual Activities Courses

### Courses

**PEI 199. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

**PEI 201. Juggling I. 1 Credit.**

Repeatable. Introduces and develops juggling skills with balls, rings, clubs and other props. Emphasis on creative exploration, relaxation and fun. Repeatable once for a maximum of 2 credits.

**PEI 202. Juggling II. 1 Credit.**

Repeatable. Advanced development of juggling skills with balls, rings, clubs and other props. Visual independence and imagination, relaxation and breath awareness. Repeatable once for a maximum of 2 credits. Prereq: PEI 201 or equivalent.

**PEI 241. Golf I. 1 Credit.**

Introduction to the game. The majority of class time is at the driving range learning swing techniques for distance, pitching, chipping and putting, rules, etiquette, and golf vocabulary. Students must provide their own transportation. Repeatable once for a maximum of 2 credits.

**PEI 242. Golf II. 1 Credit.**

For the experienced golfer who wants to refine their skills. Includes review of swing techniques for all situations, rules, etiquette, and golf vocabulary. Students must provide their own transportation. Repeatable once for a maximum of 2 credits. Prereq: PEI 241 or equivalent.

**PEI 243. Golf III. 1 Credit.**

Emphasis on course play for the advanced golfer to hone basic skills. Includes time on the driving range and putting green. Students must provide their own transportation. Repeatable once for a maximum of 2 credits. Prereq: PEI 242 or equivalent.

**PEI 244. Golf Swing Exercise. 1 Credit.**

Improve your golf swing in the off-season via swing specific exercises. Sequence with Golf I, Golf II, Golf III. All PE activity classes are repeatable once for credit. Prereq: PEI 243 or equivalent.

**PEI 399. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

# Physical Education: Intercollegiate Athletics Courses

## Courses

**PEIA 199. Special Studies: [Topic]. 1-2 Credits.**  
Repeatable.

**PEIA 301. Lacrosse. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 305. Acrobatics and Tumbling. 1 Credit.**  
Repeatable. Varsity athletes may earn a PE credit for their team workouts during their competitive season. All PE activity courses are repeatable once for credit.

Prereq: Must be a varsity team member.

**PEIA 311. Women's Golf. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 312. Men's Golf. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 317. Women's Tennis. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 318. Men's Tennis. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 323. Women's Cross-Country. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 324. Men's Cross-Country. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 329. Women's Track. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 330. Men's Track. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 341. Softball. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 342. Baseball. 1 Credit.**  
Repeatable. Varsity athletes may earn a PE credit for their team workouts during their competitive season. All PE activity courses are repeatable once for credit.  
Prereq: Must be a varsity team member.

**PEIA 346. Sand Volleyball. 1 Credit.**  
Repeatable once for maximum of 2 credits.  
Prereq: varsity athletes only.

**PEIA 347. Volleyball. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 350. Soccer. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 353. Women's Basketball. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 354. Men's Basketball. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 360. Football. 1 Credit.**  
Repeatable once for a maximum of 2 credits.

**PEIA 371. Sport Conditioning I. 1 Credit.**  
Repeatable. A strength and conditioning training opportunity for varsity and club sport student-athletes. Sequence with PEIA 372, PEIA 373. All PE activity courses are repeatable once for credit.

**PEIA 372. Sport Conditioning II. 1 Credit.**  
Repeatable. A strength and conditioning training experience for varsity and club sports student-athletes. Sequence with PEIA 371, PEIA 373. All PE activity classes are repeatable once for credit.

**PEIA 373. Sport Conditioning III. 1 Credit.**  
A strength and conditioning training experience for varsity and club sport student-athletes. Sequence with PEIA 371, PEIA 372. All PE activity courses are repeatable once for credit.

**PEIA 399. Special Studies: [Topic]. 1-2 Credits.**  
Repeatable.

# Physical Education: Leadership Courses

## Courses

**PEL 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**PEL 310. Coaching. 2 Credits.**  
Addresses all aspects of coaching from kindergarten through college. Topics include philosophy, objectives and outcomes, communication styles, writing workouts, discipline, and age-appropriate skills, drills and strategies. Sequence with PEL 406 is possible with successful completion of the course.

**PEL 311. Coaching II. 2 Credits.**  
Practical application of knowledge and skills from PEL 310 Coaching I, by implementing strategies and techniques in teaching or coaching situation. Students will write a practice plan and teach a technical and tactical skill to the class. Sequence with PEL 310.  
Prereq: PEL 310 or equivalent experience.

**PEL 399. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**PEL 406. Practicum: [Topic]. 1-4 Credits.**  
Practical experiences in equipment and facilities management service, outdoor pursuits, recreation and intramurals, and physical education. Repeatable five times for a maximum of 6 credits.

**PEL 408. Workshop: [Topic]. 1-5 Credits.**  
Repeatable. Professional topics in physical education.

**PEL 409. Terminal Project. 1-12 Credits.**  
Repeatable.

# Physical Education: Martial Arts Courses

## Courses

**PEMA 115. Self-Defense. 1 Credit.**  
Fundamental concepts of self defense. Mental and physical strategies, awareness and reaction training. Class theme is prevention, covering the "Three As": Awareness, Assessment, Action.

**PEMA 116. Women's Self Defense. 2 Credits.**  
Supportive, empowering class focusing on verbal and physical skills for avoiding and resisting assault. Includes boundary-setting, de-escalation, assertiveness, healthy relationship skills, and effective fighting techniques. Repeatable once for a maximum of 4 credits.

**PEMA 199. Special Studies: [Topic]. 1-2 Credits.**  
Repeatable.

**PEMA 255. Kickboxing. 1 Credit.**

Repeatable. This dynamic martial art includes punching and kicking skills, techniques and the rules of competitive kickboxing. Develops balance, flexibility and strength. All PE courses are repeatable once for credit.

**PEMA 311. Jeet Kune Do I. 1 Credit.**

Repeatable. Basic concepts of Jeet Kune Do and the Filipino Martial Arts. Basic movements, including strikes, kicks, grappling, and defensive weaponry. Develop individualized training methods. Repeatable once for a maximum of 2 credits.

**PEMA 312. Jeet Kune Do II. 1 Credit.**

Repeatable. Intermediate concepts of Jeet Kune Do and the Filipino Martial Arts. Demonstrate movements, immobilization techniques, and practical self defense skills. Repeatable once for a maximum of 2 credits. Prereq: PEMA 311 or equivalent.

**PEMA 321. Jiu-Jitsu I. 1 Credit.**

Repeatable. Introduction to concepts of Brazilian Jiu-Jitsu. Combative activity incorporating throwing, falling, grappline, holds, and safe positioning. Development of practical self-defense knowledge and skills. Repeatable once for a maximum of 2 credits.

**PEMA 322. Jiu-Jitsu II. 1 Credit.**

Repeatable. Basic and intermediate motions of Brazilian Jiu-Jitsu. History, rules and scoring system for sport, escape movements, submission holds. Repeatable once for a maximum of 2 credits. Prereq: PEMA 321 or equivalent.

**PEMA 331. Mixed Martial Arts I. 1 Credit.**

Introductory techniques from boxing, wrestling, jiu-jitsu and muay thai. Rules and scoring system of competitive mixed martial arts. Sequence with PEMA 332. PE activity courses are repeatable once for credit.

**PEMA 332. Mixed Martial Arts II. 1 Credit.**

Intermediate techniques; building on skills learned in PEMA 331. Develops strategy, game-plan skills, training methods; increases physical strength and skills. Sequence with PEMA 331. PE activity courses are repeatable once for credit.

**PEMA 399. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

## Physical Education: Mind-Body Courses

### Courses

**PEMB 101. Meditation I. 1 Credit.**

Repeatable. Fundamentals of body alignment, breathing, mental focus, and relaxation. Philosophy of yoga as it applies to the different styles and methods of meditation, the nature of thought, awareness, and management of thought processes. Repeatable once for a maximum of 2 credits.

**PEMB 103. Mindful Meditation. 1 Credit.**

Learn and apply mindfulness practices, including mindful movement, breath work, and body scans, that enhance overall well-being by calming the mind, concentrating fully, releasing stress, and being more attentive in the present moment. Improves focus, mood and relieves stress. Repeatable once for a maximum of 2 credits.

**PEMB 110. Beginning Yoga. 1 Credit.**

All levels introduction to yoga practices. Learn to perform and recognize benefits of commonly used yoga postures. Great for beginners or people who do not have a strong sense of what type of yoga is best for them. Class will explore a variety of styles. Repeatable once for a maximum of 2 credits.

**PEMB 199. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

**PEMB 201. Gentle Yoga. 1 Credit.**

Repeatable. Beginning hatha yoga postures to reduce stress, discomfort or pain. Techniques for relaxation and mental focus, breathing patterns, and personal energy. Modify positions to accommodate injury or physical limitations. Increase strength, body alignment, comfort, balance, and flexibility. Repeatable once for a maximum of 2 credits.

**PEMB 210. Intermediate Yoga. 1 Credit.**

Solidify your understanding of a variety of styles of yoga and master the art of personalizing your practice. Follow up to PEMB 110 Beginning Yoga. Develop a strong foundation and confidence to take with you into any type of yoga, anywhere. Repeatable once for a maximum of 2 credits.

**PEMB 211. Hatha Yoga I. 1-2 Credits.**

Repeatable. Beginning hatha yoga postures and meditation techniques. Increase strength, balance and flexibility. Improve mental concentration and relaxation with yoga poses and breathing awareness. Relieve tension and fatigue. Repeatable once for a maximum of 2 credits.

**PEMB 212. Hatha Yoga II. 1-2 Credits.**

Repeatable. Intermediate hatha yoga poses and meditation techniques to improve mental concentration and relaxation. Breathing awareness exercises, mind and body flexibility. Repeatable once for a maximum of 2 credits. Prereq: PEMB 211 or equivalent.

**PEMB 216. Vinyasa Flow Yoga. 1 Credit.**

Repeatable. Based on a specialized and dynamic sequence of postures and focused breathing techniques. Participation aids in development of postural strength, stability, and muscular flexibility. All PE activity courses are repeatable once for credit.

**PEMB 221. Sports Yoga I. 1 Credit.**

Repeatable. Covers important yogic concepts and practices for athletes. Improve your flexibility and strength as you learn yoga techniques, practice, and philosophy. Sequence with PEMB 222. Repeatable once for credit.

**PEMB 222. Sports Yoga II. 1 Credit.**

Covers advanced yogic concepts and practices for athletes. Improve your flexibility and strength as you learn yoga techniques, practice, and philosophy. Sequence with PEMB 221. Repeatable once for credit. Prereq: PEMB 221.

**PEMB 234. Power Yoga I. 1 Credit.**

Practice postures and alignment principles to strengthen the body as well as the lungs and the mind. Emphasis is placed on building muscular endurance and stamina through an athletic, fitness-based approach to flowing yoga poses and breath. Repeatable once for a maximum of 2 credits.

**PEMB 305. Aerial Silks Yoga I. 1 Credit.**

Breath work and yoga postures for increasing strength and wellness, using the silk hammock as a prop to adjust intensity levels up and down. An emphasis on safe inversions and aided relaxation floating in a silk hammock.



**PEMB 310. Yoga Lifelong Practices. 1 Credit.**

Advanced studies for students who enjoy the wide variety of styles introduced in other yoga classes and are looking for a deeper more focused practice.

Prereq: At least 2 credits of PEMB coursework.

**PEMB 320. Yoga Wellness Techniques. 1 Credit.**

Learn and apply effective techniques for managing stress and increasing well-being. In a fun, supportive and calming atmosphere, students will gain lifelong tools for coping with stress. The material will include safe, strengthening asana (poses), breathing, active relaxation, and meditation techniques.

**PEMB 399. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

## Physical Education: Outdoor Pursuits Courses

### Courses

**PEO 199. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

**PEO 242. Bouldering I. 1 Credit.**

Techniques for rock climbing without the security of a rope. Emphasis is on safety, skill development and conditioning. Repeatable once for a maximum of 2 credits.

**PEO 251. Rock Climbing I. 1 Credit.**

Repeatable. Basics of safe and responsible rock climbing. Equipment, knots, belaying, rappelling and a range of other climbing techniques. Conducted on the indoor rock climbing wall. Repeatable once for a maximum of 2 credits.

**PEO 252. Rock-Climbing Fitness. 1 Credit.**

Repeatable. Continued development of basic climbing skills, with emphasis on improving flexibility and injury prevention. Refine face and crack climbing techniques. Conducted on the indoor climbing wall. Repeatable once for a maximum of 2 credits.

Prereq: PEO 251 or equivalent.

**PEO 285. Wilderness Survival. 1 Credit.**

Repeatable. Our gateway course must be passed (C- or better) prior to participating in our backcountry-oriented courses. Emphasizes navigation, safety and survival. Repeatable once for a maximum of 2 credits.

**PEO 325. Swift-Water Safety. 1 Credit.**

Repeatable. Covers methods of crossing shallow and deep swift-water streams. Includes hazard assessment, swimming techniques, knots, rope work, technical systems, pendulum and Tyrolean traverse crossings. All PE courses are repeatable once for credit.

Prereq: PEO 285 and basic swimming ability.

**PEO 331. Outdoor Rock Climbing. 2 Credits.**

Repeatable. Introduction to anchor building, basic rescue techniques, and outdoor climbing in the context of classroom sessions and a 3-day outing to Smith Rock. Sequence: PEO 251 or equiv experience. All PE courses are repeatable once for credit.

Prereq: PEO 251.

**PEO 351. Backpacking. 2 Credits.**

Repeatable. For those with little or no backpacking experience.

Introduces the basics of backpacking in the context of classroom sessions and a three-day outing to the Oregon Coast. Repeatable once for a maximum of 4 credits.

Prereq: PEO 285

**PEO 353. Backcountry Cuisine. 1 Credit.**

Students learn how to plan menus, package food, and implement "leave no trace" cooking and baking techniques utilizing backcountry stoves and cooking systems. Repeatable once for a maximum of 2 credits.

**PEO 356. Backcountry Navigation. 2 Credits.**

Repeatable. Provides an opportunity to master efficient on- and off-trail navigation techniques on a three-day trip in rugged subalpine terrain.

Repeatable once for a maximum of 4 credits.

Prereq: PEO 285 and 351 or equivalent experience.

**PEO 362. Mountaineering. 2 Credits.**

Covers basic mountaineering skills during classroom sessions and an intensive three-day mountain outing. Emphasis on hazards, rigging, roped travel, ice ax arrests, belays, and rescue.

Prereq: PEO 285, PEO 351.

**PEO 366. Vertical Rescue Techniques. 2 Credits.**

Repeatable. Introduces vertical rescue techniques including belay escapes, passing a knot, rope ascension, counterbalance, lowering and raising rescues. Held at the rescue facility and rock wall. Repeatable once for a maximum of 4 credits.

Prereq: PEO 315 or 331 or equivalent experience

**PEO 369M. Science of Climbing. 2 Credits.**

Introduction to the physics and scientific principles behind climbing, climbing equipment, anchors, ropes, climbing gear, static versus dynamic load, fall factor, and breaking strength. A prerequisite is students must have completed at least one Outdoor Program climbing course.

Multilisted with PHYS 369M.

Prereq: PEO 251.

**PEO 371. Snow Camping. 2 Credits.**

Repeatable. Emphasis on winter camping skills, campsite selection, construction of snow shelters, winter route finding, and survival techniques. Repeatable once for a maximum of 4 credits.

Prereq: PEO 285 and 351 or equivalent experience.

**PEO 391. Winter Navigation. 2 Credits.**

Topics include cold weather clothing and equipment requirements, thermoregulation, cold injuries, route finding, Leave No Trace travel and camping ethics, and winter navigation and survival techniques. Skills applied on a three-day outing. Repeatable once for a maximum of 4 credits.

Prereq: PEO 285, PEO 351.

**PEO 392. Backcountry Survival. 1 Credit.**

Repeatable. Basic survival skills for cool, wet, and windy Pacific Northwest environment. Topics/techniques include survival gear and techniques, emergency shelters, and fire building. Repeatable once for a maximum of 2 credits.

Prereq: PEO 285 and 351 or equivalent experience

**PEO 399. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

**PEO 411. Leadership Dynamics. 2 Credits.**

Discover how leadership, group dynamics, risk management, and other factors play an integral role in shaping the character, productivity, and safety of teams.

Prereq: PEO 285.

**PEO 412. Leading in Nature. 2 Credits.**

Focuses on the natural history of the regions explored on field outings and on developing outdoor teaching skills.

**PEO 413. Field Leadership. 2 Credits.**

Focuses on campcraft, field leadership, navigation, and safety skills.

Includes a three-day outing and van driver training.

Prereq: PEO 285, PEO 351 or equivalent experience.

## Physical Education: Racquet Sports Courses

### Courses

**PERS 199. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

**PERS 211. Table Tennis I. 1 Credit.**

Repeatable. Introduction to table tennis, including rules, scoring, and etiquette. Service, strokes, and game strategy. Repeatable once for a maximum of 2 credits.

**PERS 212. Table Tennis II. 1 Credit.**

Repeatable. Intermediate game strategies and skills. Repeatable once for a maximum of 2 credits.

Prereq: PERS 211 or equivalent.

**PERS 231. Badminton I. 1 Credit.**

Repeatable. Basic strokes, court positioning and strategies. Introduction to equipment, rules, scoring, and etiquette. Repeatable once for a maximum of 2 credits.

**PERS 232. Badminton II. 1 Credit.**

Repeatable. Intermediate shots, positioning and strategy through drills, match play, and class tournaments. Repeatable once for a maximum of 2 credits.

Prereq: PERS 231 or equivalent.

**PERS 271. Tennis I. 1 Credit.**

Repeatable. Introduction to basic strokes, the serve, basic strategy, and beginning level positioning. Rules, scoring and etiquette will also be taught. Repeatable once for a maximum of 2 credits.

**PERS 272. Tennis II. 1 Credit.**

Repeatable. Refinement of basic strokes and introduction to advanced strokes and positioning. Drills, game play, and a class tournament. Repeatable once for a maximum of 2 credits.

Prereq: PERS 271 or equivalent.

**PERS 273. Tennis III. 1 Credit.**

Repeatable. Advanced level singles and doubles positioning, strategies and skills. Repeatable once for a maximum of 2 credits.

Prereq: PERS 272 or equivalent.

**PERS 399. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

## Physical Education: Running Courses

### Courses

**PERU 131. Jog-Run. 1 Credit.**

Repeatable. Instruction in running mechanics including intervals and pacing. Various running surfaces and courses, injury prevention, and cardiovascular endurance are emphasized. Repeatable once for a maximum of 2 credits.

**PERU 199. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

**PERU 331. 5K Training I. 1-2 Credits.**

Repeatable. Techniques for increasing speed and preparation for road racing. Repeatable once for maximum of 2 credits per activity.

Prereq: PERU 131 or equivalent.

**PERU 399. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

## Physical Education: Team Sports Courses

### Courses

**PETS 111. Flag Football. 1 Credit.**

Throwing, catching, running, cutting, pulling flags; strategies and techniques; offense, defense, game rules, and ground rules that create a safe and fun playing experience. Repeatable once for a maximum of 2 credits.

**PETS 199. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

**PETS 232. Volleyball II. 1 Credit.**

Repeatable. Designed for students with previous volleyball experience and want to continue play. Skill-building, rules, offensive and defensive strategies. Repeatable once for a maximum of 2 credits.

Prereq: beginning volleyball experience.

**PETS 233. Volleyball III. 1 Credit.**

Repeatable. Advanced play in a friendly atmosphere. Skills, drills, big hits, occasional blocks, aces. Repeatable once for a maximum of 2 credits.

Prereq: PETS 232 or equivalent.

**PETS 242. Basketball II. 1 Credit.**

Repeatable. Designed for students with previous basketball experience and want to continue play. Shooting, ball handling, defense, give go, and the back door. Repeatable once for a maximum of 2 credits.

Prereq: beginning basketball experience.

**PETS 243. Basketball III. 1 Credit.**

Repeatable. Advanced play, including offenses, defenses, drills, and full-court action. Repeatable once for a maximum of 2 credits.

Prereq: PETS 242 or equivalent.

**PETS 252. Ultimate Frisbee I. 1 Credit.**

Repeatable. Introduction to basic skills, including throws, catches, moves, strategies, and rules. Sequence with PETS 253, PETS 254. Repeatable once for a maximum of 2 credits.

**PETS 253. Ultimate Frisbee II. 1 Credit.**

Repeatable. Intermediate and advanced play and skill development. Sequence with PETS 252, PETS 254. Repeatable once for a maximum of 2 credits.  
Prereq: PETS 252 or equivalent.

**PETS 261. Soccer I. 1 Credit.**

Repeatable. Introduction to the basic skills of passing, dribbling, heading, tackling, and shielding. Game strategies and rules are taught through drills and team play. Repeatable once for a maximum of 2 credits.

**PETS 262. Soccer II. 1 Credit.**

Repeatable. Develop proficiency in soccer skills through drills and games. Group and team tactics as well as official soccer rules. Repeatable once for a maximum of 2 credits.  
Prereq: PETS 261 or equivalent preferred.

**PETS 263. Soccer III. 1 Credit.**

Repeatable. Advanced techniques, principles of attack and defense, and kicks--corner, free, and penalty. Repeatable once for a maximum of 2 credits.  
Prereq: PETS 262 or equivalent preferred.

**PETS 265. Indoor Soccer II. 1 Credit.**

Repeatable. Intermediate and advanced play, using the walls of a court as an additional dimension to play. Repeatable once for a maximum of 2 credits.  
Prereq: beginning soccer experience.

**PETS 399. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

## Physical Education: Weight Training Courses

### Courses

**PEW 199. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

**PEW 211. Weight Training I. 1 Credit.**

Repeatable. Technique for basic lifts in a variety of workout formats. Develop strength and muscular endurance. Weight training principles and physical fitness evaluation. Repeatable once for a maximum of 2 credits.

**PEW 212. Weight Training II. 1 Credit.**

Repeatable. Advanced weight training exercises are introduced. Students can expect to work more independently. Intermediate program design, exercise science, and evaluation of strength and muscular endurance. Repeatable once for a maximum of 2 credits.  
Prereq: PEW 211 or equivalent.

**PEW 399. Special Studies: [Topic]. 1-2 Credits.**

Repeatable.

## Philosophy Courses

### Courses

**PHIL 101. Philosophical Problems. 4 Credits.**

Introduction to philosophy based on classical and modern texts from Plato through the 21st century. Sample topics include free will, the mind-body problem, the existence of an external world.

**PHIL 102. Ethics. 4 Credits.**

Study of moral theories and issues central to moral theory (such as justification of moral judgments and concepts of duty, goodness, and virtue) as well as theoretical engagement with pressing contemporary moral debates.

**PHIL 103. Critical Reasoning. 4 Credits.**

Introduction to thinking and reasoning critically. How to recognize, analyze, criticize, and construct arguments.

**PHIL 104. History of Western Philosophy. 4 Credits.**

The course is an introduction to some currents, seminal thinkers, and texts of the Western philosophical tradition from the Ancient Greeks to Medieval, Modern, and 19th and 20th Century Philosophy. The course includes both classical text and readings traditionally excluded from the canon.

**PHIL 110. Human Nature. 4 Credits.**

Consideration of various physiological, cultural, psychological, and personal forces that characterize human beings, taking into account issues of class, gender, race, and sexual orientation.

**PHIL 120. Ethics of Enterprise and Exchange. 4 Credits.**

Moral examination of business by considering the nature of enterprise and exchange. Topics include corporate and consumer responsibility, meaningful work, and leadership.

**PHIL 123. Internet, Society, and Philosophy. 4 Credits.**

Introduction to philosophical problems of the Internet. Primary focus on social, political, and ethical issues with discussion of epistemological and metaphysical topics.

**PHIL 130. Philosophy and Popular Culture. 4 Credits.**

Engages in critical philosophical reflection about and through popular culture, including movies, music, graphic novels, and sports.

**PHIL 135. Ethics in the Life Sciences. 4 Credits.**

Focused on complex ethical issues in the life sciences, ranging from debates over human enhancement, the use of human cells in research, non-human animals in research, synthetic biology, genetically-modified organisms, and recent research in microbial biology.

**PHIL 170. Love and Sex. 4 Credits.**

Philosophical study of love, relationships, marriage, sex, sexuality, sexual identity, and sexual representation.

**PHIL 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PHIL 199L. Special Studies: [Topic]. 4 Credits.**

Repeatable.

**PHIL 211. Existentialism. 4 Credits.**

Basic ideas of the Christian and atheistic divisions of the existentialist movement; some attention to the philosophical situation that generated the existentialist rebellion.

**PHIL 216. Philosophy and Cultural Diversity. 4 Credits.**

Philosophical investigation of the implications of cultural diversity for identity, knowledge, and community, from the perspectives of several American cultures.

**PHIL 220. Food Ethics. 4 Credits.**

Examination of a variety of issues relating to food production and consumption in light of virtue, utilitarian, deontological, pragmatist, and care ethics.

**PHIL 223. Data Ethics. 4 Credits.**

This course explores central ethical challenges in data science and related fields of computational analysis. Offers both an overview of the major theoretical commitments of data ethics as well as engagement with applied contexts such as computer engineering, behavioral sciences, marketing, and surveillance.

**PHIL 225. Introduction to Formal Logic. 4 Credits.**

Introduces formal logic, including both propositional (setence) and predicate logic, including the use of truth trees. Students cannot receive credit for both PHIL 225 and MATH 307.

**PHIL 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PHIL 307. Social and Political Philosophy. 4 Credits.**

Major social and political theorists from Plato through Marx. Inquiry into such ideas as justice, natural law, natural rights, and the social contract.

**PHIL 308. Social and Political Philosophy: [Topic]. 4 Credits.**

Focused study of particular theorists and contemporary debates central to the fields of social and political philosophy. Repeatable once for a maximum of 8 credits when topic changes.

**PHIL 309. Global Justice. 4 Credits.**

Introduction to philosophical problems of globalization and justice related to global poverty, citizenship, human rights, and issues of identity, multiculturalism, war, terrorism, environmentalism and health care.

**PHIL 310. History of Philosophy: Ancient and Medieval. 4 Credits.**

Focuses primarily on Plato and Aristotle. Examines their roots in pre-Socratic philosophy and their influence on medieval philosophers such as St. Augustine and St. Thomas Aquinas.

Prereq: one lower-division philosophy course.

**PHIL 311. History of Philosophy: Modern. 4 Credits.**

Survey of European philosophy through Hume, including the work of Descartes, Locke, and Spinoza.

Prereq: one course from Philosophy.

**PHIL 312. History of Philosophy: 19th Century. 4 Credits.**

Traces Kant's influence on such philosophers as Hegel, Nietzsche, and Marx.

Prereq: one philosophy course.

**PHIL 315. Introduction to Feminist Philosophy. 4 Credits.**

Introduces basic questions of philosophy through topics central to feminism.

**PHIL 320. Philosophy of Religion. 4 Credits.**

Philosophical investigation of the nature of "religion" (e.g., the nature of the sacred, spirituality, and transcendence).

Prereq: one philosophy course.

**PHIL 322. Philosophy of the Arts. 4 Credits.**

Survey of classical and contemporary theories of art and aesthetic experience, with examples from various arts.

Prereq: one philosophy course.

**PHIL 323. Moral Theory. 4 Credits.**

Study of the most important traditional ethical theories; modern philosophical analysis of moral terms and statements.

Prereq: one philosophy course.

**PHIL 331. Philosophy in Literature. 4 Credits.**

Selective study of major philosophical ideas and attitudes expressed in the literature of Europe and America.

Prereq: one philosophy course.

**PHIL 332. Philosophy of Film. 4 Credits.**

Explores questions about the aesthetic dimensions of film, its relation to the other arts, and the treatment of philosophical questions in films.

**PHIL 335. Medical Ethics. 4 Credits.**

Introduces theoretical tools and concrete case studies for formulating, analyzing, and evaluating ethical judgments raised by contemporary biomedical practice.

**PHIL 339. Introduction to Philosophy of Science. 4 Credits.**

Examines theories of scientific practice, rationality, objectivity, values in science, and the role of science in society.

Prereq: one philosophy course.

**PHIL 340. Environmental Philosophy. 4 Credits.**

Considers the nature and morality of human relationships with the environment (e.g., the nature of value, the moral standing of nonhuman life).

**PHIL 341. African Philosophy. 4 Credits.**

Survey of contemporary African philosophy with a focus on current debates (for example, critique of ethnophilosophy; relation between orality and writing; decolonization of knowledge).

**PHIL 342. Introduction to Latin American Philosophy. 4 Credits.**

History of Latin American philosophy through the study of ideas, issues, problems, and forms of thinking in the work of key periods, movements, and authors.

**PHIL 343. Critical Theory. 4 Credits.**

Examines the methodological, epistemological, moral, and political dimensions of critical theory. Prereq: one philosophy course. Offered alternate years.

**PHIL 344. Introduction to Philosophy of Law. 4 Credits.**

Introduces central problems in the law; examines the nature of legal reasoning.

**PHIL 345. Place in the Cosmos. 4 Credits.**

Explores the relation between humans and the cosmos as a matter of place by comparing seminal texts in the history of philosophy. Offered alternate years.

**PHIL 350. Metaphysics. 4 Credits.**

Traditional issues in metaphysics selected from among such topics as substance, existence, time, causation, God, the nature of individuals, and the meaningfulness of metaphysics.

Prereq: one philosophy course.

**PHIL 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PHIL 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**PHIL 403. Thesis. 1-12 Credits.**

Repeatable.

**PHIL 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**PHIL 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Eastern Philosophy, Feminist Theory, Nonviolence.

Prereq: one 300-level philosophy course.

**PHIL 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**PHIL 415. Continental Philosophy: [Topic]. 4 Credits.**

Survey of significant areas in the Continental tradition, e.g. phenomenology, critical social theory, deconstruction, feminism, and hermeneutics. Repeatable when topic changes.

Prereq: junior standing.

**PHIL 420. American Philosophy: [Topic]. 4 Credits.**

Survey of significant areas of the American tradition, e.g. 19th-, 20th-, and 21st-century thought, African and Native American thought, feminism, recent pragmatism, the self, and pluralism. Repeatable when topic changes.

Prereq: junior standing.

**PHIL 421. Ancient Philosophers: [Topic]. 4 Credits.**

Repeatable. Concentrates on the work of a single philosopher, typically Plato or Aristotle. Repeatable when philosopher changes.

Prereq: PHIL 310.

**PHIL 423. Technology Ethics: [Topic]. 4 Credits.**

Advanced inquiry in ethics with a focus on technology. Addresses moral, political, and cultural issues raised by socio-technical systems for everyday living and democratic citizenship. Repeatable once for a maximum of 8 credits when the topic changes.

**PHIL 425. Philosophy of Language. 4 Credits.**

Philosophical theories of language and meaning, with special attention to the nature of concepts and reasoning.

Prereq: junior standing.

**PHIL 426. Advanced Logic. 4 Credits.**

This course covers classical and non-classical logics. A review of propositional and predicate logic will be followed by a consideration of "non-normal" logics of strict implication, conditional logics, many-valued logics, and first degree entailment. The course will consider philosophical issues raised by these diverse logics.

Prereq: PHIL 225.

**PHIL 433. 17th- and 18th-Century Philosophers: [Topic]. 4 Credits.**

Repeatable. Concentrates on the work of a single philosopher, typically Descartes, Locke, Hume, Leibniz, Berkeley, or Kant. Repeatable when philosopher changes.

Prereq: PHIL 310, PHIL 311.

**PHIL 443. Feminist Philosophy: [Topic]. 4 Credits.**

Repeatable. Examines contemporary feminist contributions to philosophy. Repeatable once for maximum of 8 credits.

Prereq: one 300-level PHIL course

**PHIL 451. Native American Philosophy. 4 Credits.**

Survey of Native American philosophy focusing on philosophical perspectives in historical traditions and contemporary Native American philosophy. Offered alternate years.

**PHIL 452. Philosophy and Race. 4 Credits.**

Surveys the philosophical contribution to studies of race including intellectual history, philosophy of science, racism and its remedies, media studies, and cultural criticism.

Prereq: one philosophy course at the 300 level.

**PHIL 453. 19th-Century Philosophers: [Topic]. 4 Credits.**

Repeatable. Concentrates on the work of a single philosopher, typically Hegel, Nietzsche, Marx, or Kierkegaard. Repeatable when philosopher changes.

Prereq: PHIL 312.

**PHIL 463. 20th-Century Philosophers: [Topic]. 4 Credits.**

Repeatable. Concentrates on the work of a single philosopher (e.g., Wittgenstein, Dewey, Quine, Merleau-Ponty, C.I. Lewis, or Foucault).

Repeatable when philosopher changes.

Prereq: junior standing.

**PHIL 471. Advanced Introduction to American Philosophy. 4 Credits.**

An advanced introduction to central debates, topics, figures, and trajectories in American Philosophy.

Prereq: PHIL 401 or PHIL 403 or PHIL405 or PHIL 407 or PHIL 410 or PHIL 415 or PHIL 420 or PHIL 421 or PHIL 423 or PHIL 425 or PHIL 426 or PHIL 433 or PHIL 443 or PHIL 451 or PHIL 452 or PHIL 453 or PHIL 463.

**PHIL 472. Advanced Introduction to Analytic Philosophy. 4 Credits.**

An advanced introduction to central debates, topics, figures, and trajectories in Analytic philosophy.

Prereq: One 400 level philosophy course.

**PHIL 473. Advanced Introduction to Continental Philosophy. 4 Credits.**

An advanced introduction to central debates, topics, figures, and trajectories in Continental Philosophy.

Prereq: One 400 level philosophy course.

**PHIL 474. Advanced Introduction to Feminist Philosophy. 4 Credits.**

An advanced introduction to central debates, topics, figures, and trajectories in Feminist Philosophy.

Prereq: One 400 level philosophy course.

**PHIL 503. Thesis. 1-16 Credits.**

Repeatable.

**PHIL 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Eastern Philosophy, Feminist Theory, Nonviolence, Philosophy and Race, Philosophy and Tragedy, Philosophy of Education, Philosophy of Nature.

**PHIL 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**PHIL 521. Ancient Philosophers: [Topic]. 4 Credits.**

Repeatable. Concentrates on the work of a single philosopher, typically Plato or Aristotle. Repeatable when philosopher changes.

**PHIL 526. Advanced Logic. 4 Credits.**

This course covers classical and non-classical logics. A review of propositional and predicate logic will be followed by a consideration of "non-normal" logics of strict implication, conditional logics, many-valued logics, and first degree entailment. The course will consider philosophical issues raised by these diverse logics.

**PHIL 533. 17th- and 18th-Century Philosophers: [Topic]. 4 Credits.**

Repeatable. Concentrates on the work of a single philosopher, typically Descartes, Locke, Hume, Leibniz, Berkeley, or Kant. Repeatable when philosopher changes.

**PHIL 551. Native American Philosophy. 4 Credits.**

Survey of Native American philosophy focusing on philosophical perspectives in historical traditions and contemporary Native American philosophy. Offered alternate years.

**PHIL 553. 19th-Century Philosophers: [Topic]. 4 Credits.**

Repeatable. Concentrates on the work of a single philosopher, typically Hegel, Nietzsche, Marx, or Kierkegaard. Repeatable when philosopher changes.



**PHIL 563. 20th-Century Philosophers: [Topic]. 4 Credits.**

Repeatable. Concentrates on the work of a single philosopher (e.g., Wittgenstein, Dewey, Quine, Merleau-Ponty, C.I. Lewis, or Foucault). Repeatable when philosopher changes.

**PHIL 571. Advanced Introduction to American Philosophy. 4 Credits.**

An advanced introduction to central debates, topics, figures, and trajectories in American Philosophy.

**PHIL 572. Advanced Introduction to Analytic Philosophy. 4 Credits.**

An advanced introduction to central debates, topics, figures, and trajectories in Analytic philosophy.

**PHIL 573. Advanced Introduction to Continental Philosophy. 4 Credits.**

An advanced introduction to central debates, topics, figures, and trajectories in Continental Philosophy.

**PHIL 574. Advanced Introduction to Feminist Philosophy. 4 Credits.**

An advanced introduction to central debates, topics, figures, and trajectories in Feminist Philosophy.

**PHIL 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**PHIL 603. Dissertation. 1-16 Credits.**

Repeatable.

**PHIL 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**PHIL 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Emerson, Philosophy of Race, Recent Moral Theory, Schelling.

**PHIL 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**PHIL 614. Issues in Ethics. 4 Credits.**

Examination of ethical theory.

Prereq: major standing.

**PHIL 615. Continental Philosophy: [Topic]. 4 Credits.**

Explores philosophical problems and traditions in contemporary European philosophy. Repeatable three times for a maximum of 16 credits when topic changes.

**PHIL 620. American Philosophy: [Topic]. 4 Credits.**

Treats issues in classical and contemporary American philosophy. Repeatable three times for a maximum of 16 credits when topic changes.

**PHIL 623. Data Ethics. 4 Credits.**

This course offers an advanced exploration of central ethical challenges in data science and related fields of computational analysis.

**PHIL 641. Social and Political Philosophy: [Topic]. 4 Credits.**

Examination of classical and current problems in social and political philosophy including the nature of justice, legitimacy of the state, conditions of war and peace. Repeatable three times for a maximum of 16 credits when topic changes.

**PHIL 643. Feminist Philosophy: [Topic]. 4 Credits.**

Explores contemporary feminist philosophy. Repeatable three times for a maximum of 16 credits when topic changes.

**PHIL 645. Environmental Philosophy: [Topic]. 4 Credits.**

Pursues advanced questions in environmental philosophy regarding a particular tradition or problem area. Repeatable up to 3 times when topic changes.

**PHIL 657. Philosophy and Race: Contemporary Issues. 4 Credits.**

Examination of contemporary discussions regarding race including biology and race, race in medicine, reparations, perspectives on race in Continental and American philosophy.

**PHIL 670. Issues in Metaphysics. 4 Credits.**

Discussion of current controversies in metaphysics (e.g., essentialism, identity, future contingency).

## Physics Courses

### Courses

**PHYS 101. Essentials of Physics. 4 Credits.**

Fundamental physical principles. Mechanics.

**PHYS 152. Physics of Sound and Music. 4 Credits.**

Introduction to the wave nature of sound; hearing; musical instruments and scales; auditorium acoustics; and the transmission, storage, and reproduction of sound.

**PHYS 153. Physics of Light, Color, and Vision. 4 Credits.**

Light and color, their nature, how they are produced, and how they are perceived and interpreted.

**PHYS 155. Physics behind the Internet. 4 Credits.**

How discoveries in 20th-century physics mesh to drive modern telecommunications. Topics include electron mobility in matter, the development of transistors and semiconductors, lasers, and optical fibers.

**PHYS 156M. Scientific Revolutions. 4 Credits.**

Surveys several major revolutions in our views of the natural and technological world, focusing on scientific concepts and methodological aspects. For nonscience majors. Multilisted with EARTH 156M.

**PHYS 161. Physics of Energy and Environment. 4 Credits.**

Practical study of energy generation and environmental impact, including energy fundamentals, fossil fuel use, global warming, nuclear energy, and energy conservation.

**PHYS 162. Solar and Other Renewable Energies. 4 Credits.**

Topics include photovoltaic cells, solar thermal power, passive solar heating, energy storage, geothermal energy, and wind energy.

**PHYS 171. The Physics of Life. 4 Credits.**

Explores how physical laws guide the structure, function, and behavior of living organisms, and examines the physical properties of biological materials. Topics span microscopic and macroscopic scales.

**PHYS 181. Quantum Mechanics for Everyone. 4 Credits.**

Introduction to quantum mechanics, a set of sometimes counterintuitive scientific principles describing atoms and light, along with the modern technologies it makes possible.

**PHYS 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**PHYS 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**PHYS 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PHYS 201. General Physics. 4 Credits.**

Introductory series. Mechanics and fluids.

Prereq: MATH 112Z or equivalent.

**PHYS 202. General Physics. 4 Credits.**

Introductory series. Thermodynamics, waves, optics.

Prereq: PHYS 201.

**PHYS 203. General Physics. 4 Credits.**

Introductory series. Electricity, magnetism, modern physics.

Prereq: PHYS 201.

**PHYS 204. Introductory Physics Laboratory. 2 Credits.**

Practical exploration of the principles studied in general-physics lecture. Measurement and analysis methods applied to experiments in mechanics, waves, sound, thermodynamics, electricity and magnetism, optics, and modern physics. Sequence.

Pre- or coreq: PHYS 201.

**PHYS 205. Introductory Physics Laboratory. 2 Credits.**

Practical exploration of the principles studied in general-physics lecture. Measurement and analysis methods applied to experiments in mechanics, waves, sound, thermodynamics, electricity and magnetism, optics, and modern physics.

Pre- or coreq: PHYS 202.

**PHYS 206. Introductory Physics Laboratory. 2 Credits.**

Practical exploration of the principles studied in general-physics lecture. Measurement and analysis methods applied to experiments in mechanics, waves, sound, thermodynamics, electricity and magnetism, optics, and modern physics.

Pre- or coreq: PHYS 203.

**PHYS 251. Foundations of Physics I. 4 Credits.**

Newtonian mechanics; units and vectors; one-dimensional motion; Newton's laws; work and energy; momentum and collisions. Sequence.

Prereq: MATH 112Z or equivalent. Coreq: MATH 251.

**PHYS 252. Foundations of Physics I. 4 Credits.**

Vibrations and waves; oscillations; wave mechanics; dispersion; modes; introductory optics.

Prereq: PHYS 251; coreq: MATH 252 or equivalent.

**PHYS 253. Foundations of Physics I. 4 Credits.**

Electricity and magnetism; charge and electric field; electric potential; circuits; magnetic field; inductance.

Prereq: PHYS 252; coreq: MATH 253 or equivalent.

**PHYS 290. Foundations of Physics Laboratory. 1 Credit.**

Repeatable. Introduction to laboratory measurements, reports, instrumentation, and experimental techniques. Repeatable twice for maximum of 3 credits.

Coreq: PHYS 251, PHYS 252 or PHYS 253.

**PHYS 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PHYS 351. Foundations of Physics II. 4 Credits.**

Introduction to relativity and quantum physics with applications to atomic, solid-state, nuclear, and astro-particle systems

Prereq: MATH 253, PHYS 253; coreq: MATH 256 or MATH 281.

**PHYS 352. Foundations of Physics II. 4 Credits.**

Thermodynamic systems; first and second laws; kinetic theory of gases; entropy. Sequence.

Prereq: PHYS 351; coreq: MATH 281.

**PHYS 353. Foundations of Physics II. 4 Credits.**

Thermal radiation; Maxwell-Boltzmann statistics; Fermi and Bose gases; phase transitions. Sequence.

Prereq: PHYS 352; coreq: MATH 282.

**PHYS 369M. Science of Climbing. 2 Credits.**

Introduction to the physics and scientific principles behind climbing, climbing equipment, anchors, ropes, climbing gear, static versus dynamic load, fall factor, and breaking strength. A prerequisite is students must have completed at least one Outdoor Program climbing course. Multilisted with PEO 369M.

Prereq: PEO 251.

**PHYS 391. Physics Experimentation Data Analysis Laboratory. 4 Credits.**

Practical aspects of physics experimentation, including data acquisition, statistical analysis, and introduction to scientific programming, and use of Fourier methods for data analysis.

Prereq: PHYS 253 or equivalent.

**PHYS 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PHYS 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**PHYS 401. Research: [Topic]. 1-16 Credits.**

Repeatable.

**PHYS 402. Supervised Tutoring. 1-12 Credits.**

Repeatable.

**PHYS 403. Thesis. 1-12 Credits.**

Repeatable.

**PHYS 405. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**PHYS 406. Practicum: [Topic]. 1-21 Credits.**

Repeatable.

**PHYS 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**PHYS 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**PHYS 409. Terminal Project. 1-12 Credits.**

Repeatable.

**PHYS 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**PHYS 411. Mechanics, Electricity, and Magnetism. 4 Credits.**

Fundamental principles of Newtonian mechanics, conservation laws, small oscillations, planetary motion, systems of particles. Electromagnetic phenomena. Only nonmajors may earn graduate credit.

Prereq: MATH 282.

**PHYS 412. Mechanics, Electricity, and Magnetism. 4 Credits.**

Fundamental principles of Newtonian mechanics, conservation laws, small oscillations, planetary motion, systems of particles. Electromagnetic phenomena.

Prereq: MATH 281.

**PHYS 413. Mechanics, Electricity, and Magnetism. 4 Credits.**

Fundamental principles of Newtonian mechanics, conservation laws, small oscillations, planetary motion, systems of particles. Electromagnetic phenomena.

Prereq: PHYS 412.

**PHYS 414. Quantum Physics. 4 Credits.**

Planck's and de Broglie's postulates, the uncertainty principle, Bohr's model of the atom, the Schrodinger equation in one dimension, the harmonic oscillator, the hydrogen atom, molecules and solids, nuclei and elementary particles. Sequence.

Prereq: PHYS 413.

**PHYS 415. Quantum Physics. 4 Credits.**

Planck's and de Broglie's postulates, the uncertainty principle, Bohr's model of the atom, the Schrodinger equation in one dimension, the harmonic oscillator, the hydrogen atom, molecules and solids, nuclei and elementary particles. Sequence.

Prereq: PHYS 414.

**PHYS 417. Topics in Quantum Physics. 4 Credits.**

Perturbation theory, variational principle, time-dependent perturbation theory, elementary scattering theory.

Prereq: PHYS 415.

**PHYS 421M. Partial Differential Equations: Fourier Analysis I. 4 Credits.**

Introduction to PDEs with a view towards applications in physics. Wave and heat equations, classical Fourier series on the circle, Bessel and Legendre series. Multilisted with MATH 421M.

Prereq: MATH 253; one from MATH 256, MATH 281.

**PHYS 422. Electromagnetism. 4 Credits.**

Study of electromagnetic waves. Topics include Maxwell's equations, wave equation, plane waves, guided waves, antennas, and other related phenomena.

Prereq: PHYS 413.

**PHYS 423M. Introduction to Space Physics. 4 Credits.**

Course explores the interaction of the solar wind with the Earth's magnetosphere using fundamental plasma physics supported and motivated by spacecraft observations. Students will gain an understanding of the physics governing the interaction building from single particle plasma motion to specific observation supported examples.

Prereq: PHYS 253, MATH 282.

**PHYS 424. Classical Optics. 4 Credits.**

Geometrical optics, polarization, interference, Fraunhofer and Fresnel diffraction.

Prereq: PHYS 353.

**PHYS 425. Modern Optics. 4 Credits.**

Special topics in modern applied optics such as Fourier optics, coherence theory, resonators and lasers, holography, and image processing.

Prereq: PHYS 424.

**PHYS 431. Analog Electronics. 4 Credits.**

Passive and active discrete components and circuits. General circuit concepts and theorems. Equivalent circuits and black box models. Integrated circuit operational amplifiers.

Prereq: PHYS 203 or equivalent; knowledge of complex numbers; MATH 256.

**PHYS 432. Digital Electronics. 4 Credits.**

Digital electronics including digital logic, measurement, signal processing and control. Introduction to computer interfacing.

Prereq: PHYS 203 or equivalent; MATH 253.

**PHYS 444. Introduction to Biological Physics. 4 Credits.**

The application of physical principles to the study of the living world, especially at molecular and cellular scales. Topics include the mechanical properties of biomaterials, the sensory abilities of cells and organisms, and the dynamical properties of information processing networks.

Prereq: PHYS 353, MATH 281, basic computer programming skills.

**PHYS 481. Design of Experiments. 4 Credits.**

Applies statistics to practical data analysis, data-based decision making, model building, and the design of experiments. Emphasizes factorial designs.

**PHYS 491. Research Project I. 2-4 Credits.**

For physics and other science majors, Physics Projects entails construction and use of apparatus, interfaces and computers to perform technically-sophisticated experiments, analyze and communicate results.

Prereq: PHYS 391 or PHYS 399.

**PHYS 492. Research Project II. 2-4 Credits.**

For physics and other science majors, Physics Projects entails construction and use of apparatus, interfaces and computers to perform technically-sophisticated experiments, analyze and communicate results.

Prereq: PHYS 491.

**PHYS 493. Research Project III. 2-4 Credits.**

For physics and other science majors, Physics Projects entails construction and use of apparatus, interfaces and computers to perform technically-sophisticated experiments, analyze and communicate results.

Prereq: PHYS 492.

**PHYS 500M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**PHYS 503. Thesis. 1-16 Credits.**

Repeatable.

**PHYS 507. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**PHYS 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**PHYS 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**PHYS 521M. Partial Differential Equations: Fourier Analysis I. 4 Credits.**

Introduction to PDEs with a view towards applications in physics. Wave and heat equations, classical Fourier series on the circle, Bessel and Legendre series. Multilisted with MATH 521M.

**PHYS 523M. Introduction to Space Physics. 4 Credits.**

Course explores the interaction of the solar wind with the Earth's magnetosphere using fundamental plasma physics supported and motivated by spacecraft observations. Students will gain an understanding of the physics governing the interaction building from single particle plasma motion to specific observation supported examples.

**PHYS 544. Introduction to Biological Physics. 4 Credits.**

The application of physical principles to the study of the living world, especially at molecular and cellular scales. Topics include the mechanical properties of biomaterials, the sensory abilities of cells and organisms, and the dynamical properties of information processing networks.

Prereq: Basic computer programming skills.

**PHYS 581. Design of Experiments. 4 Credits.**

Applies statistics to practical data analysis, data-based decision making, model building, and the design of experiments. Emphasizes factorial designs.

**PHYS 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**PHYS 603. Dissertation. 1-16 Credits.**

Repeatable.

**PHYS 604. Internship: [Topic]. 1-16 Credits.**

Repeatable.

Coreq: good standing in applied physics master's degree program.

**PHYS 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**PHYS 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**PHYS 607. Seminar: [Topic]. 1-4 Credits.**

Repeatable. Recent topics include Astrophysics and Gravitation, Biophysics, Condensed Matter, High Energy Physics, Physics Colloquium, Theoretical Physics.

**PHYS 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**PHYS 609. Terminal Project. 1-16 Credits.**

Repeatable.

**PHYS 610. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**PHYS 610L. Experimental Course: [Topic]. 4 Credits.**

Repeatable.

**PHYS 611. Theoretical Mechanics. 4 Credits.**

Lagrangian and Hamiltonian mechanics, small oscillations, rigid bodies. Sequence.

**PHYS 612. Theoretical Mechanics. 2 Credits.**

Lagrangian and Hamiltonian mechanics, small oscillations, rigid bodies. Sequence.  
Prereq: PHYS 611.

**PHYS 613. Statistical Physics. 2 Credits.**

Thermodynamics, statistical mechanics, kinetic theory, application to gases, liquids, solids, atoms, molecules, and the structure of matter. Sequence.

**PHYS 614. Statistical Physics. 4 Credits.**

Thermodynamics, statistical mechanics, kinetic theory, application to gases, liquids, solids, atoms, molecules, and the structure of matter. Sequence.  
Prereq: PHYS 613.

**PHYS 622. Electromagnetic Theory. 4 Credits.**

Microscopic form of Maxwell's equations, derivation and solution of the wave equation, Lorentz covariant formulation, motion of charges in given fields, propagation and diffraction, radiation by given sources, coupled motion of sources and fields, the electromagnetic field in dense media.

**PHYS 623. Electromagnetic Theory. 4 Credits.**

Microscopic form of Maxwell's equations, derivation and solution of the wave equation, Lorentz covariant formulation, motion of charges in given fields, propagation and diffraction, radiation by given sources, coupled motion of sources and fields, the electromagnetic field in dense media. Sequence.  
Prereq: PHYS 622.

**PHYS 626. Physical Optics with Labs. 4 Credits.**

Fundamentals of applied geometric and wave optics theory, reinforced through homework assignments, and explored in experiments conducted with lasers and optical components. Sequence with PHYS 627, PHYS 628.

**PHYS 627. Optical Materials and Devices. 4 Credits.**

Principles of quantum mechanics and solid-state physics relating to material properties of optoelectronic devices with corresponding laboratories teaching how to operate and characterize these devices. Sequence with PHYS 626, PHYS 628.  
Prereq: PHYS 626.

**PHYS 631. Quantum Mechanics. 4 Credits.**

Review of fundamentals, central force problems, matrix mechanics. Sequence.

**PHYS 632. Quantum Mechanics. 4 Credits.**

Approximation methods, scattering. Sequence.  
Prereq: PHYS 631.

**PHYS 633. Quantum Mechanics. 4 Credits.**

Rotation symmetry, spin, identical particles. Sequence.  
Prereq: PHYS 632.

**PHYS 661. Particle Physics I. 4 Credits.**

Theory, phenomenology, and experimental basis of the standard model of particle physics: fundamentals; symmetries; quantum electrodynamics; R; quarks and leptons; chirality; flavor symmetry; mesons; baryons; form factors; deep inelastic scattering. Sequence.

**PHYS 662. Particle Physics II. 4 Credits.**

Theory, phenomenology, and experimental basis of the standard model of particle physics: quantum chromodynamics; parton distribution functions; hadron-hadron collisions; particle interactions in matter; collider detectors; experimental methodologies to analyze data; statistical thresholds and significance. Sequence with PHYS 661, PHYS 663.  
Prereq: PHYS 661.

**PHYS 663. Particle Physics III. 4 Credits.**

Theory, phenomenology, and experimental basis of the standard model of particle physics: electroweak symmetry breaking; CKM mixing; Higgs couplings; early universe cosmology; Friedmann expansion; entropy; freeze-out; impact of neutrinos on cosmology; dark matter evidence and candidates. Sequence with PHYS 661, PHYS 662.  
Prereq: PHYS 662.

**PHYS 664. Quantum Field Theory. 4 Credits.**

Canonical quantization, path integral formulation of quantum field theory, Feynman rules for perturbation theory, quantum electrodynamics, renormalization, gauge theory of the strong and electroweak interactions. Sequence with PHYS 665, PHYS 666.

**PHYS 665. Quantum Field Theory II. 4 Credits.**

The purpose of this course is to apply the methodology established in QFT I to theories of charged fermions coupled to a photon. Then we will begin to explore QFT beyond leading order. Sequence with PHYS 664, PHYS 666.  
Prereq: PHYS 664.

**PHYS 666. Quantum Field Theory III. 4 Credits.**

The purpose of this course is to understand QFT at loop level, and to extend the formalism to non-Abelian gauge bosons. In addition, we will cover a variety of special topics. This course is designed to be the last quarter of a full year sequence. Sequence with PHYS 664, PHYS 665.  
Prereq: PHYS 665.

**PHYS 671. Solid State Physics. 4 Credits.**

Crystallography; thermal, electrical, optical, and magnetic properties of solids; band theory; metals, semiconductors, and insulators; defects in solids. Sequence.  
Prereq: PHYS 633.

**PHYS 672. Solid State Physics. 4 Credits.**

Crystallography; thermal, electrical, optical, and magnetic properties of solids; band theory; metals, semiconductors, and insulators; defects in solids. Sequence.  
Prereq: PHYS 671.

**PHYS 674. Theory of Condensed Matter. 4 Credits.**

Advanced topics include quantum and statistical description of many-particle systems, electronic structure, elementary excitations in solids and fluids, critical phenomena, statics and dynamics of soft condensed matter. Topics and emphasis vary.  
Prereq: PHYS 673.



**PHYS 675. Theory of Condensed Matter. 4 Credits.**

Advanced topics include quantum and statistical description of many-particle systems, electronic structure, elementary excitations in solids and fluids, critical phenomena, statics and dynamics of soft condensed matter. Topics and emphasis vary.

Prereq: PHYS 674.

**PHYS 677M. Semiconductor Device Physics. 4 Credits.**

Introduction to the theory behind semiconductors. Elementary theory of inorganic solids; electronic structures and transport properties. Basic theory of devices including diodes, transistors, mosfets, and optoelectronic devices. Offered only in summer. Sequence with PHYS 678M, PHYS 679M. Multilisted with CH 677M.

**PHYS 678M. Semiconductor Processing and Characterization Technology. 4 Credits.**

Introduction to the techniques required to make semiconductors and test their properties. Solid-state and surface chemistry of inorganic semiconductors as it pertains to microelectronic devices. Offered only in summer. Multilisted with CH 678M. Sequence with PHYS 677M, PHYS 679M.

Prereq: PHYS 677M.

**PHYS 679M. Device Processing and Characterization Laboratory. 4 Credits.**

Students use theory and techniques learned to design, fabricate, and test a device that performs a specific function, with an emphasis on wafer processing and device realization. Offered only in summer. Sequence with PHYS 677M, PHYS 678M. Multilisted with CH 679M.

Prereq: CH 678M.

**PHYS 684. Quantum Optics and Laser Physics. 4 Credits.**

Nonlinear optical processes and quantum statistical properties of light produced by such processes, laser theory, wave mixing processes, optical Bloch equations, field quantization, photon statistics, cooperative emissions. Sequence.

Prereq: PHYS 354 or equivalent.

**PHYS 685. Quantum Optics and Laser Physics. 4 Credits.**

Nonlinear optical processes and quantum statistical properties of light produced by such processes, laser theory, wave mixing processes, optical Bloch equations, field quantization, photon statistics, cooperative emissions. Sequence.

Prereq: PHYS 684; coreq PHYS 631.

**PHYS 686. Quantum Optics and Laser Physics. 4 Credits.**

Nonlinear optical processes and quantum statistical properties of light produced by such processes, laser theory, wave mixing processes, optical Bloch equations, field quantization, photon statistics, cooperative emissions. Sequence.

Prereq: PHYS 685; coreq: PHYS 632.

## Planning, Public Policy and Management Courses

### Courses

**PPPM 101. Advocacy and Social Change. 4 Credits.**

Explorations of how policy change occurs, how people and organizations create social and policy change, and how individuals can make a difference in their communities.

**PPPM 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PPPM 201. Introduction to Public Policy. 4 Credits.**

Overview of professional public service and the planning and management of public issues. Focuses on the goals of public services within their economic, social, and political contexts.

**PPPM 202. Healthy Communities. 4 Credits.**

Historical relationships of public policy, planning, and public health; how public policies can promote health; relationship of planning and policies to inequalities in health outcomes.

**PPPM 205. Introduction to City Planning. 4 Credits.**

Introduction to planning, using urban issues as lenses to explore transportation, housing, environment, and social equity as critical elements shaping where and how people live.

**PPPM 250. Arts and Human Values. 4 Credits.**

Addresses fundamental aesthetic theory and practice questions resulting from viewing art as a powerful communicator of social and cultural values. Values, rights, and responsibilities of the contemporary visual environment. Institutional structures advancing the arts and culture in society will be examined.

**PPPM 280. Introduction to the Nonprofit Sector. 4 Credits.**

Overview of the nonprofit sector includes its origin, growth, oversight, and varied elements. Examines theory and research into the effectiveness of nonprofit strategies and structures.

**PPPM 321. Inclusive Urbanism. 4 Credits.**

Investigates the relationship between social-economic inclusion and the physical form of cities.

**PPPM 325. Community Leadership and Change. 4 Credits.**

Explores sustainable change at the community level by examining local systems and institutions: transportation, social influences, environment, housing, and the economy.

**PPPM 331. Environmental Management. 4 Credits.**

Introduction to environmental management. Focuses on solutions to problems in managing population, pollution, and resources.

**PPPM 340. Climate-Change Policy. 4 Credits.**

Overview of climate-change policy; topics include cap and trade, carbon tax, fuel efficiency standards, biofuel standards, and renewable portfolio standards.

**PPPM 360. International Public Policy. 4 Credits.**

Introduces international dimensions of public policy making by comparing national systems and institutions of governance, public policy making processes, and public policy decisions. Investigates concepts, theories, and approaches to compare public policies in economic, welfare, educational, health, and environmental sectors.

**PPPM 370. Global Sustainable Development and Policy. 4 Credits.**

Sustainable Development seeks to reconcile the economic, social, and environmental problems we face in a world with constrained resources. To have a broader perspective of what sustainability means, we examine problems through an interdisciplinary lens and investigate how these issues form and possible policy solutions.

**PPPM 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PPPM 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**PPPM 403. Thesis. 1-12 Credits.**

Repeatable.



**PPPM 404. Internship: [Topic]. 1-12 Credits.**

Supervised work experience that offers students opportunities to explore and clarify career goals, apply academic learning, enhance and learn new skills, gain experience, and network with professionals. Repeatable. Prereq: PPPM 412.

**PPPM 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

**PPPM 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**PPPM 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**PPPM 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**PPPM 409. Terminal Project. 1-12 Credits.**

Repeatable.

**PPPM 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Trial courses are taught under these numbers. See the online class schedule for current titles.

**PPPM 410L. Experimental Course: [Topic]. 4 Credits.**

Repeatable. Trial courses are taught under these numbers. See the online class schedule for current titles.

**PPPM 412. Internship and Professional Development. 2 Credits.**

Introduction to department's internship program and career development. Overview of professionalism and effective communication, resume and cover letter writing, and interviewing and networking skills.

**PPPM 413. Quantitative Methods. 4 Credits.**

Introduction to the use of quantitative techniques to answer planning, public policy and management related questions.

**PPPM 415. Policy and Planning Analysis. 4 Credits.**

Applied problem-solving in the public policy and planning process. Examines the theoretical and methodological underpinnings of policy and planning analysis. Prereq: EC 201.

**PPPM 418. Introduction to Public Law. 4 Credits.**

Administrative law, including introduction to legal research, for public administrators. Administrative procedures, implementation of policy through administrative law, judicial review, and practical applications in public agencies.

**PPPM 422. Grant Proposal Writing. 1 Credit.**

Introduction to the process of preparing grant applications and material for funded research.

**PPPM 425. Project Management. 4 Credits.**

Application of specific techniques that lead to projects being completed on time, within budget, and with appropriate quality.

**PPPM 426. Strategic Planning for Management. 4 Credits.**

Process of strategic planning for communities, government agencies, and nonprofit organizations.

**PPPM 430. Public Health Policy. 4 Credits.**

This course explores public health policies and how they intersect with social and environmental justice, including topics on cultural competency, natural disasters, criminal justice, and international cooperation. Prereq: PPPM 202 is recommended.

**PPPM 434. Urban Geographic Information Systems. 4 Credits.**

Introduction to geographic information systems in areas of environmental, demographic, suitability, and transportation-related research.

**PPPM 438. Transportation Issues in Planning: [Topic]. 4 Credits.**

Introduction to the social implications of various transportation-related policies and practices. Repeatable for a maximum of 8 credits.

**PPPM 440. Land-Use Planning and Policy. 4 Credits.**

Land use planning processes and policy tools that US governments employ to manage and control land development, especially those considered to support a community's efforts to pursue sustainable urbanization.

**PPPM 442. Sustainable Urban Development. 4 Credits.**

Introduces issues revolving around cities as the nexus for environmental challenges, including land-use planning, transportation planning, community and neighborhood design, and green buildings.

**PPPM 443. Natural Resource Policy. 4 Credits.**

Aspects of population and resource systems. Poses questions about population trends, policy, and optimum size; analyzes methods for determining resource availability and flows.

**PPPM 444. Environmental Policy. 4 Credits.**

Overview of policies related to the environment: examines the design and effectiveness of specific policies.

**PPPM 445. Green Cities. 4 Credits.**

Examines the history and future of the interface between urban growth and environmental concerns, and the technological, social, and political forces that continue to shape it.

**PPPM 446. Socioeconomic Development Planning. 4 Credits.**

Planning for responsible economic and social development. Policy problems and issues in providing a stable economic base and social and economic well-being while avoiding environmental degradation.

**PPPM 448. Collaboration. 4 Credits.**

Explores theory and practice of collaboration in public and nonprofit settings, including the role of organizations, agencies, and the public. Focuses in particular on developing and practicing collaboration skills and strategies.

**PPPM 460. Health Policy. 4 Credits.**

Introduction to the key health policy issues of access, cost, quality, and racial and ethnic disparities.

**PPPM 465. Program Evaluation. 4 Credits.**

Introduction to the design and implementation of program evaluations.

**PPPM 470. The Arts in Society. 4 Credits.**

Course examines the arts as they function in society. Anthropological, philosophical, sociological, and art educational orientations to art are examined. Implications for arts and cultural management are addressed.

**PPPM 471. Cultural Policy. 4 Credits.**

Cultural Policy investigates political choice processes, governmental institutions, and the public policy cycle that shape the arts and culture sector.

**PPPM 472. Creative Placemaking. 4 Credits.**

This course provides an overview of the relationship between the arts and community development.

**PPPM 473. Cultural Programming. 4 Credits.**

Explore theory and practice related to arts and cultural programming in the public sector. Emphasis on inclusive and equitable cultural programming.

**PPPM 475. Performing Arts Management. 4 Credits.**

This course develops management skills for professional nonprofit performing arts organizations, focusing on executive leadership, strategic planning, programming, developing audiences, and venue management.

**PPPM 480. Nonprofit Management. 4 Credits.**

How to manage nonprofit organizations for superior performance in a humane, responsive, and responsible manner. Distinctive characteristics of nonprofit organizations.

Prereq: PPPM 280.

**PPPM 481. Fundraising for Nonprofit Organizations. 4 Credits.**

Introduction to fundraising for nonprofit organizations. Annual giving, major gifts, planned giving, and campaigns.

**PPPM 483. Volunteer Resource Management. 2 Credits.**

This course provides an overview of the role of volunteers in community organizations and serves as a comprehensive introduction to effective practices in volunteer resource management.

**PPPM 484. Public and Nonprofit Financial Management. 4 Credits.**

Introduction to financial management for public agencies and nonprofit organizations. Topics include budget processes, financial statements, financial resource management (taxes, donations, grants), expenditure systems, and capital project analysis.

**PPPM 486. Philanthropy and Grant Making. 2 Credits.**

History, economics, and practice of philanthropy and grant making in the United States. Students study philanthropy from a multidisciplinary perspective and finish the quarter by awarding a \$15,000 grant to a nonprofit organization of their choice.

**PPPM 487. Impact Philanthropy. 4 Credits.**

Introduction to impact philanthropy and related topics. Evidence-based philanthropy, venture philanthropy, impact investing, social impact bonds, impact measurement, and policy environment.

**PPPM 488. Nonprofit Legal Issues. 4 Credits.**

This course introduces legal issues for administration of nonprofit organizations. Topics include formation and types of organizations, board of directors duties, regulation of nonprofits, risk management, employee and volunteer law, lobbying, charitable solicitation, and laws on discrimination and accommodation.

**PPPM 494. Practice of Leadership and Change. 4 Credits.**

Examines the principles and practices of leadership and change in communities and organizations through discussions with community leaders and personal reflection.

Prereq: major status, senior standing preferred.

**PPPM 495. Advanced Urban Geographic Information Systems. 4 Credits.**

Acquiring advanced skills of using Geographic Information Systems (GIS) for community mapping and spatial analysis.

Prereq: PPPM 434 or other intro GIS class.

**PPPM 503. Thesis. 1-16 Credits.**

Repeatable.

**PPPM 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**PPPM 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**PPPM 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable. Trial courses are taught under these numbers. See the online class schedule for current titles.

**PPPM 518. Introduction to Public Law. 4 Credits.**

Administrative law, including introduction to legal research, for public administrators. Administrative procedures, implementation of policy through administrative law, judicial review, and practical applications in public agencies.

**PPPM 522. Grant Proposal Writing. 1 Credit.**

Introduction to the process of preparing grant applications and material for funded research.

**PPPM 525. Project Management. 4 Credits.**

Application of specific techniques that lead to projects being completed on time, within budget, and with appropriate quality.

**PPPM 526. Strategic Planning for Management. 4 Credits.**

Process of strategic planning for communities, government agencies, and nonprofit organizations.

**PPPM 530. Public Health Policy. 4 Credits.**

This course explores public health policies and how they intersect with social and environmental justice, including topics on cultural competency, natural disasters, criminal justice, and international cooperation.

**PPPM 534. Urban Geographic Information Systems. 4 Credits.**

Introduction to geographic information systems in areas of environmental, demographic, suitability, and transportation-related research.

**PPPM 538. Transportation Issues in Planning: [Topic]. 4 Credits.**

Introduction to the social implications of various transportation-related policies and practices. Repeatable for a maximum of 8 credits.

**PPPM 542. Sustainable Urban Development. 4 Credits.**

Introduces issues evolving around cities as the nexus for environmental challenges, including land-use planning, transportation planning, community and neighborhood design, and green buildings.

**PPPM 543. Natural Resource Policy. 4 Credits.**

Aspects of population and resource systems. Poses questions about population trends, policy, and optimum size; analyzes methods for determining resource availability and flows.

**PPPM 544. Environmental Policy. 4 Credits.**

Overview of policies related to the environment: examines the design and effectiveness of specific policies.

**PPPM 546. Socioeconomic Development Planning. 4 Credits.**

Planning for responsible economic and social development. Policy problems and issues in providing a stable economic base and social and economic well-being while avoiding environmental degradation.

**PPPM 548. Collaboration. 4 Credits.**

Explores theory and practice of collaboration in public and nonprofit settings, including the role of organizations, agencies, and the public. Focuses in particular on developing and practicing collaboration skills and strategies.

**PPPM 560. Health Policy. 4 Credits.**

Introduction to the key health policy issues of access, cost, quality, and racial and ethnic disparities.

**PPPM 565. Program Evaluation. 4 Credits.**

Introduction to the design and implementation of program evaluations.

**PPPM 570. The Arts in Society. 4 Credits.**

Course examines the arts as they function in society. Anthropological, philosophical, sociological, and art educational orientations to art are examined. Implications for arts and cultural management are addressed.

**PPPM 571. Cultural Policy. 4 Credits.**

Cultural Policy investigates political choice processes, governmental institutions, and the public policy cycle that shape the arts and culture sector.

**PPPM 572. Creative Placemaking. 4 Credits.**

This course provides an overview of the relationship between the arts and community development.

**PPPM 573. Cultural Programming. 4 Credits.**

Explore theory and practice related to arts and cultural programming in the public sector. Emphasis on inclusive and equitable cultural programming.

**PPPM 575. Performing Arts Management. 4 Credits.**

This course develops management skills for professional nonprofit performing arts organizations, focusing on executive leadership, strategic planning, programming, developing audiences, and venue management.

**PPPM 581. Fundraising for Nonprofit Organizations. 4 Credits.**

Introduction to fundraising for nonprofit organizations. Annual giving, major gifts, planned giving, and campaigns.

**PPPM 583. Volunteer Resource Management. 2 Credits.**

This course provides an overview of the role of volunteers in community organizations and serves as a comprehensive introduction to effective practices in volunteer resource management.

**PPPM 586. Philanthropy and Grant Making. 2 Credits.**

History, economics, and practice of philanthropy and grant making in the United States. Students study philanthropy from a multidisciplinary perspective and finish the quarter by awarding a \$15,000 grant to a nonprofit organization of their choice.

**PPPM 587. Impact Philanthropy. 4 Credits.**

Introduction to impact philanthropy and related topics. Evidence-based philanthropy, venture philanthropy, impact investing, social impact bonds, impact measurement, and policy environment.

**PPPM 588. Nonprofit Legal Issues. 4 Credits.**

This course introduces legal issues for administration of nonprofit organizations. Topics include formation and types of organizations, board of directors duties, regulation of nonprofits, risk management, employee and volunteer law, lobbying, charitable solicitation, and laws on discrimination and accommodation.

**PPPM 595. Advanced Urban Geographic Information Systems. 4 Credits.**

Acquiring advanced skills of using Geographic Information Systems (GIS) for community mapping and spatial analysis.

Prereq: PPPM 434 or other intro GIS class

**PPPM 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**PPPM 603. Dissertation. 1-16 Credits.**

Repeatable.

**PPPM 604. Internship: [Topic]. 1-10 Credits.**

Supervised work experience that offers students opportunities to explore and clarify career goals, apply academic learning, enhance and learn new skills, gain experience, and network with professionals. Repeatable.

**PPPM 605. Special Problems: [Topic]. 1-16 Credits.**

Repeatable.

**PPPM 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**PPPM 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**PPPM 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable. A recent topic is Community Planning.

**PPPM 609. Terminal Project. 1-16 Credits.**

Repeatable.

**PPPM 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**PPPM 611. Introduction to Planning Practice. 4 Credits.**

Explores the concepts and functions of the planning process as they relate to the social, economic, political, and environmental aspects of communities and regions.

**PPPM 612. Legal Issues in Planning. 4 Credits.**

Federal and state legal relationships, the role of the courts in reviewing public sector decision-making, sources of the law, issues in land-use regulation, and basic legal research skills.

**PPPM 613. Planning Analysis I. 5 Credits.**

Data sources and methods of data collection including surveys; descriptive and multivariate analysis; computer applications; selected analytic models, population projections, cost-benefit analysis.

**PPPM 616. Planning Theory and Ethics. 4 Credits.**

Logic of the planning process; the relationship of planning to the political process and to rational decision making in governance.

**PPPM 617. Human Settlements. 4 Credits.**

Historical development of cities and the ways in which city and regional contexts influence economic, social, and political processes.

**PPPM 618. Public Sector Theory. 4 Credits.**

Overview of the core concepts, theories, and practices that provide the foundation for the field of public policy and management.

**PPPM 620. Planning and Management Research Skills. 2 Credits.**

Surveys research skills in planning and public administration. Applies research skills to applied projects in Community Planning Workshop and Nonprofit Consultancy.

**PPPM 623. Professional Development. 1 Credit.**

Articulating preliminary career goals and mapping the necessary steps to accomplish these goals.

**PPPM 625. Community Planning Workshop. 5 Credits.**

First in a two-term sequence of planning and problem-solving courses. Students working in teams conduct research and develop solutions to planning problems for a client community. Sequence with PPPM 626.

**PPPM 626. Community Planning Workshop. 5 Credits.**

Last in a two-term sequence of planning and problem-solving courses. Students working in teams conduct research and develop solutions to planning problems for a client community. Sequence with PPPM 625. Prereq: PPPM 625.

**PPPM 628. Public Sector Economics. 4 Credits.**

Reasons for governmental intervention and analysis of revenue sources available to governments. Includes discussion of various taxes, intergovernmental transfer policies, and user fees.

**PPPM 629. Public Budget Administration. 4 Credits.**

Resource allocation through the budget process. Analysis of budget systems, service costing, and citizen participation in the budget process.

**PPPM 633. Public Management. 4 Credits.**

Theory and practice of public service management; leadership and organizational capacity building, including key management activities for developing effective public service organizations.

**PPPM 636. Public Policy Analysis. 4 Credits.**

Techniques in the policymaking process. Determining the impact of policies, comparing alternatives, determining the likelihood that a policy will be adopted and effectively implemented.

Prereq: PPPM 628 or equivalent.

**PPPM 637. MPA Policy Analysis Project. 1 Credit.**

Students team to produce a professionally oriented policy analysis memorandum and presentation on an assigned topic in a 48-hour period.  
Prereq: PPPM 636.

**PPPM 638. MPA Capstone Applied Research Project I. 5 Credits.**

Team prepare applied research projects for client organizations using analytical and managerial skills to solve problems in public policy analysis or public management. Sequence with PPPM 639.  
Prereq: PPPM 618, 629, 633, 636, 657, 684.

**PPPM 639. MPA Capstone Applied Research Project II. 5 Credits.**

Teams prepare applied research projects for client organizations using analytical and management skills to solve problems in public policy analysis or public management. Sequence with PPPM 638.  
Prereq: PPPM 638.

**PPPM 640. Land Use Planning and Policy. 4 Credits.**

Study spatial planning tools and processes that control and manage land developments in order to enhance the well-being of human societies and natural systems.

**PPPM 646. Planning for Growth Management. 4 Credits.**

Examines motivations for managing growth. Surveys regulatory and incentive-based approaches to growth management at the state, regional, and local level.

**PPPM 656. Quantitative Methods. 5 Credits.**

Develops skills in quantitative analysis. Emphasizes selecting appropriate analysis procedures and properly interpreting and reporting results.

**PPPM 657. Research Methods in Public Policy and Management. 4 Credits.**

Survey of research methods used in the analysis of public policy issues. Emphasis is on determining the appropriate methodology for a given research question.  
Prereq: PPPM 656.

**PPPM 663. Professional Development II. 1 Credit.**

Pre-professional students practice the habits of professionals in the field. Build skills in metacognition and reflection, inclusion and diversity, and personal investment in life long learning and inquiry. Sequence with PPPM 623. Repeatable once for maximum of 2 credits.

**PPPM 670. Cultural Administration. 4 Credits.**

Course examines the major functions and issues in the administration of the arts and culture. Emphasis is place on nonprofit organizations.

**PPPM 680. Managing Nonprofit Organizations. 4 Credits.**

Principles of effective management of nonprofit organizations. Governance, strategy, legal structure and standards, and volunteer administration.

**PPPM 681. Nonprofit Financial Management. 4 Credits.**

Fundamentals of managing nonprofit revenues and expenses, budgeting, fund stewardship, endowment investment and payout, event and service pricing, capital project decision making, and internal control procedures.

**PPPM 684. Public and Nonprofit Financial Management. 4 Credits.**

Financial management overview for public agencies and nonprofits, including budget processes, financial statements, resource management, expenditure systems, capital project analysis, and internal management control processes.

**PPPM 685. Social Enterprise. 4 Credits.**

Introduction to social enterprises and their ecosystem. Earned revenue and social business models, social performance management, balancing financial and social objectives, funding landscape, policy environment, and taking social enterprises to scale.

**PPPM 686. Nonprofit 48-Hour Charrette. 1 Credit.**

Requires students to complete a management memo on an assigned topic. Work is completed within a 48-hour period, mimicking the high-stakes, deadline-intensive schedule characterizing professional work in the nonprofit sector.

**PPPM 687. Nonprofit Board Governance. 1 Credit.**

Students serve on governing boards of nonprofit organizations for one year: fall, winter, and spring terms. Repeatable twice for a maximum of 3 credits.

**PPPM 688. Nonprofit Consultancy. 4 Credits.**

Student teams complete projects for nonprofit organizations, assessing organizational needs and capacity, evaluating alternative strategies, and recommending solutions for organizational success.

## Political Science Courses

### Courses

**PS 102. Thinking Like a Social Scientist. 4 Credits.**

Illustrates how the ways social scientists think—using quantitative, qualitative, and interpretive methods—help to sharpen thinking for many contexts and careers.

**PS 106. Power, Politics, and Inequality. 4 Credits.**

Examines power and politics through the lens of inequality, focusing on the constant struggle between the haves and the have-nots.

**PS 111. Introduction to Political Science. 4 Credits.**

Offers students the tools to think for themselves about politics: multiple ideological and analytical viewpoints on varying political arrangements around the world.

**PS 199. Special Studies: [Topic]. 1-5 Credits.**

Topics vary from year to year. Repeatable once when topic changes.

**PS 201. United States Politics. 4 Credits.**

Theoretical introduction to American institutions, political doctrines, and ideology as these affect the course of politics and public policy in the United States.

**PS 205. Introduction to International Relations. 4 Credits.**

Introduction to theoretical and methodological tools for the analysis of world politics.

**PS 206. Ethics, Identity, and Power. 4 Credits.**

This course is a gateway for those considering the "Ethics, Identity, and Society" track in the Political Science major. The course examines political power and ethical ideas about its use, with a focus on race, gender, religion, class, and other forms of social differentiation.

**PS 210. Politics of Business. 4 Credits.**

Introduces the political science subfield of political economy, which studies the relationship between concepts like the market and the state, capitalism and democracy, politics and the economy. The American political economy is examined from both a historical and an international perspective.

**PS 275. Legal Process An Introduction to the American Judiciary. 4 Credits.**

Overview of the United States legal system. Covers a range of sociolegal writing and provides a context for the legal system under which the U.S. operates.

**PS 297. Introduction to Environmental Politics. 4 Credits.**

United States environmental policy and alternative environmental political futures.



**PS 302. States' Rights and Wrongs. 4 Credits.**

Explores the division between U.S. federal, state and municipal power through the lens of our nation's most contentious and most critical political and policy debates. Examines how elected officials, judges and activists influence fights over federalism.

**PS 304. Democracy, Dictators, and Development. 4 Credits.**

Examines key questions in political science like why some countries are rich while others are poor, why some countries are democratic and others are authoritarian, how these different political systems work, and which are best equipped to address ethno-nationalist conflict and economic development.

**PS 308. United States Political Thought. 4 Credits.**

Development of United States political thought from the Revolution through the 20th century. Includes writings of Jefferson, Paine, Madison, Tocqueville.

**PS 309. Political Ideologies. 4 Credits.**

Ideology is a more-or-less coherent lens through which a person views the world in order to process information and direct action. The course examines how the world looks different for those holding liberal, conservative, communist, fascist, or anarchist world views.

**PS 310. Roots of Democracy. 4 Credits.**

Examines modern conceptions of democracy, citizenship, legality, virtue, equality, and political order, which grew out of ideas initially developed in ancient Greek city-states. Special attention given to ideas of active citizenship.

**PS 311. Sovereignty and Revolution. 4 Credits.**

Examines contemporary conceptions of politics springing from European debates about the power of kings, law, and the people. Considers key textual moments in the process by which modern conceptions of democracy emerged.

**PS 312. Shadows of Modernity. 4 Credits.**

Explores the distinct critiques of modernity offered by John Stuart Mill, Karl Marx, Friedrich Nietzsche, Michel Foucault, and Sigmund Freud. Concepts explored include liberalism, capitalism, power, morality, and the unconscious.

**PS 316. Black Lives Matter and American Democracy. 4 Credits.**

Explores the ideological origins and contemporary politics of the Black Lives Matter movement. Modules include the demands of/on democracy, race and the criminal justice system, and the politics of protest.

**PS 319. The Politics of the Body. 4 Credits.**

This course examines the politics of the body in the US. It will focus on scientific and biological definitions of identity and how that affects policies.

**PS 320. International Organization. 4 Credits.**

Studies efforts by states to cooperate in an effort to avoid or resolve conflict in the realms of security, trade, human rights, and the environment.

**PS 324. European Politics. 4 Credits.**

Overview of the formation and current dynamics of national politics in Western Europe.

**PS 326. United States Foreign Policy I. 4 Credits.**

Basic concepts underlying the formulation and implementation of United States foreign policy; relationships between American society and foreign policy; the relationship of the U.S. to its international environment.

**PS 330. Governments and Politics in Latin America. 4 Credits.**

Social, political, and economic developments in Latin America; causes and consequences of revolutions, democratization, economic politics; examples from Mexico, Brazil, Chile, Argentina, Guatemala, Venezuela. Offered alternate years.

**PS 337. The Politics of Development. 4 Credits.**

Presents alternative perspectives on key north-south issues: trade, aid, foreign investment, debt, and the environment. Includes such institutions as the International Monetary Fund, World Bank, and World Trade Organization.

**PS 340. International Political Economy. 4 Credits.**

Links between economics and politics in the international system. Basic concepts include power, dependence, inequality, imperialism, and development. EC 201, EC 202, or PS 205 recommended preparation.

**PS 342. Politics of China. 4 Credits.**

Survey of the politics of the People's Republic of China. Emphasis on political sociology and group conflict: elites, ideology, social change, and organization.

**PS 345. Southeast Asian Politics. 4 Credits.**

Surveys major themes in contemporary Southeast Asian politics, including nation-state building, economic development, authoritarianism and democracy, and religious and ethnic politics.

**PS 346. Terrorism and Weapons Proliferation. 4 Credits.**

Examines causes and control of terrorism, especially preventing terrorist use of weapons of mass destruction; theories and policies of nonproliferation and arms control.

**PS 347. Political Power, Influence, and Control. 4 Credits.**

Survey of the use of the concept of power in the social sciences, stressing diverse theoretical perspectives and empirical studies of political institutions.

**PS 348. Women and Politics. 4 Credits.**

Examines the political role of women and questions of equality in the U.S. from historical and contemporary perspectives. Topics may include voting, welfare, reproductive rights, and representation.

**PS 349. Mass Media and American Politics. 4 Credits.**

The role of the mass media in contemporary American politics; the effect of the media on such institutions as political parties, elections, and the presidency.

**PS 350. Politics and Film. 4 Credits.**

Examines the political relevance of films and their role as a medium for illustrating, defending, and challenging political ideas.

**PS 351. Democratic Dilemmas. 4 Credits.**

Core course for the Wayne Morse Scholars Program, exploring significant political and policy challenges confronting our representative democracy.

**PS 352. Political Parties and Elections. 4 Credits.**

Overview of current developments in political parties and interest groups in the United States.

**PS 355. Oregon Government and Politics. 4 Credits.**

Current political issues in Oregon with particular attention to political races and ballot measures before the Oregon electorate as well as the state's major political institutions.

**PS 367. Politics, Science, and Climate Change. 4 Credits.**

How politics influences our understanding of the causes and impacts of climate change and the policies we adopt to address the global climate crisis.



**PS 368. Gender in the Law. 4 Credits.**

Examines the role courts have played in framing and shaping policies where gender is a central feature with a focus on reproductive rights, pregnancy and abortion, domestic violence, rape, family issues, prostitution, and sexual harassment. Offered alternate years.

**PS 371. United States Congress. 4 Credits.**

Study of Congress as an institution: congressional elections, the committee system, and the internal distribution of influence; relations with the president and the Supreme Court.

**PS 372. Music and Politics. 4 Credits.**

In this class we will be asking questions about what is political about music of various musical styles and from diverse historical periods, exploring issues of cultural appropriation, issues of race, gender, and sexuality in music, and the politics of technology and music.

**PS 375. Race, Politics, and the Law. 4 Credits.**

Examines the development and transformation of race-based domination and resistance in the United States by examining the intersection of policy and law.

**PS 378. Games in Politics. 4 Credits.**

Politics viewed as strategic interactions among politicians, voters, and countries; focuses on how to model these interactions using tools of game theory.

**PS 380. Gender and Politics in Developing Countries. 4 Credits.**

Examines gender politics in the developing world and efforts to help women. Topics include female genital cutting, violence against women, economic development, microfinance, migration, trafficking. Offered alternate years.

**PS 384. Nuclear Politics of the Middle East. 4 Credits.**

History and current nuclear capabilities of all major Middle East states are evaluated. Nuclear strategy, arms control and important technological developments are examined. Theoretical models of proliferation, and debates of a nuclear "taboo" discussed. U.S. foreign policy options toward the Middle East critiqued.

**PS 386. United States Social Movements and Political Change. 4 Credits.**

Causes and consequences of American social movements. Considers theoretical perspectives. Topics may include agrarian populism, labor movement, civil rights movement, the women's movement, and identity politics.

**PS 387. Russian Politics. 4 Credits.**

The course traces Russian politics from a communist regime to its current state, investigates contemporary aspects of Russian politics, and examines Russia's vision of the world and its foreign policy.

**PS 390. American Indian Politics. 4 Credits.**

Examination of the political and constitutional status of American Indian tribes in the United States, with some comparison to Canada. Focus on history, current policy, and potential futures.

**PS 391. Non-Western Political Theory. 4 Credits.**

This course examines political ideas from outside of the "Western" tradition. It begins by comparing political ideas in classical China and India with those of classical Greece, and then turns to 19th and 20th century colonial experiences in China, India, and North Africa.

**PS 399. Special Studies: [Topic]. 1-5 Credits.**

Topics vary from year to year. Repeatable when topic changes.

**PS 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**PS 401. Research: [Topic]. 1-15 Credits.**

Repeatable.

**PS 403. Thesis. 1-12 Credits.**

Repeatable.

**PS 404. Internship: [Topic]. 1-2 Credits.**

Repeatable once for a maximum of four credits.

**PS 405. Reading and Conference: [Topic]. 1-15 Credits.**

Repeatable.

**PS 406. Field Studies: [Topic]. 1-5 Credits.**

Repeatable for maximum of 10 credits.

**PS 407. Seminar: [Topic]. 1-4 Credits.**

Offerings vary from year to year, depending on student need and faculty interests. Repeatable when topic changes.

**PS 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable when title changes.

**PS 409. Terminal Project. 1-12 Credits.**

Repeatable.

**PS 410. Experimental Course: [Topic]. 1-4 Credits.**

Offerings vary from year to year, depending on student need and faculty interests. Repeatable when topic changes.

**PS 411. Honors Thesis Prospectus. 1 Credit.**

Prepares students for writing the senior honors thesis in political science. Provides guidance in framing a suitable topic, conducting preliminary research, and writing a prospectus. Prereq: majors with honors standing.

**PS 433. Marxism and Radical Thought. 4 Credits.**

Surveys utopian socialist thought, anarchism, Marxism, and Leninism. Central themes include the nature of radical theory, the role of the state, human nature and the new society.

**PS 440. Causes and Prevention of War. 4 Credits.**

Surveys theories of causes of war; focuses on major theories of prevention; case studies from World War I, World War II, and other wars.

**PS 445. Methods for Politics and Policy Analysis I. 4 Credits.**

Introduction to quantitative analysis, concepts and methods of empirical research, applied statistical data analysis in political science. Methods include descriptive statistics, bivariate correlation, and regression techniques.

**PS 446. Methods for Politics and Policy Analysis II. 4 Credits.**

Survey of multivariate model building for political analysis. Multiple regression, discrete-variable techniques, recursive systems, and cross-level analysis. Application of these techniques to concrete political problems.

Prereq: PS 445/545.

**PS 449. Racial Politics in the United States. 4 Credits.**

Considers how race has interacted with political development in the U.S. from the New Deal to the present.

**PS 455. Theories of International Politics. 4 Credits.**

Competing theories of international relations and strategies for testing the theories.

**PS 458. Feminist Political Theories. 4 Credits.**

Examines the relationship between feminism, gender, and the state. Offered alternate years.

**PS 465. LGBT Rights in the Courts. 4 Credits.**

Analyzes the role of legal advocates and the courts in advancing and curtailing lesbian, gay, bisexual, and transgender rights with a focus on relationship recognition, parenting, employment, housing, military, education, and health care. Offered alternate years.

**PS 466. Civil Rights in Post-Warren Era. 4 Credits.**

Analyzes development in civil rights advocacy in the United States since the heyday of the Warren Court. Focuses primarily on developments in race, gender, disability, and sexuality. Offered alternate years.

**PS 467. The United States Presidency. 4 Credits.**

An ambivalent view of the presidency as the key institution in the United States political system: source of great good but also of great harm.

**PS 470. Constitutional Law. 4 Credits.**

Surveys how the U.S. Constitution works as a structure for government. Addresses how the federal courts interact within the U.S. system of government.

**PS 472. Matters of Life and Death. 4 Credits.**

Examines the right to life from political, legal, and philosophical perspectives. Considers abortion, capital punishment, assisted suicide, just-war theory, and animal rights.

**PS 475. Politics of the European Union. 4 Credits.**

Surveys the historical development and current workings of the European Union's major institutions and policies. Offered alternate years.

**PS 477. International Environmental Politics. 4 Credits.**

How nations solve international environmental problems. Explores major problems, processes, and current debates. Evaluates existing treaties through case studies.

**PS 479. U.S. Interventions in Developing Nations. 4 Credits.**

Examines theories of intervention: security, economic imperialism, humanitarian intervention, spreading democracy, domestic politics; over thirty-seven U.S. interventions since 1898 are surveyed.

**PS 480. Introduction to Rational Choice. 4 Credits.**

Introduces the paradigm of rational choice and game theory that is of special significance to politics.

**PS 484. United States Supreme Court. 4 Credits.**

The Supreme Court as a political body; the judicial role in the context of the economic, political, social, and psychological factors that influence the court's decisions.

**PS 485. Civil Rights and Civil Liberties. 4 Credits.**

Overview of the role of rights in the United States legal system. Particular emphasis on the role of freedom and equality in a federal system.

**PS 491. Politics of Everyday Life. 4 Credits.**

Examines how we try to influence each other's behaviors in the course of everyday life. Readings from several disciplines.

**PS 495. United States Political Economy. 4 Credits.**

Examines United States political-economic institutions from a comparative and historical perspective. Topics include rise and fall of mass production, labor and the law, and regional development.

**PS 503. Thesis. 1-16 Credits.**

Repeatable.

**PS 507. Seminar: [Topic]. 1-4 Credits.**

Repeatable. Offerings vary from year to year, depending on student needs and faculty interests.

**PS 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**PS 510. Experimental Course: [Topic]. 1-4 Credits.**

Offerings vary from year to year, depending on student needs and faculty interests. Repeatable when topic changes.

**PS 533. Marxism and Radical Thought. 4 Credits.**

Surveys utopian socialist thought, anarchism, Marxism, and Leninism. Central themes include the nature of radical theory, the role of the state, human nature and the new society.

**PS 540. Causes and Prevention of War. 4 Credits.**

Surveys theories of causes of war; focuses on major theories of prevention; case studies from World War I, World War II, and other wars.

**PS 545. Methods for Politics and Policy Analysis I. 4 Credits.**

Introduction to quantitative analysis, concepts and methods of empirical research, applied statistical data analysis in political science. Methods include descriptive statistics, bivariate correlation, and regression techniques.

**PS 546. Methods for Politics and Policy Analysis II. 4 Credits.**

Survey of multivariate model building for political analysis. Multiple regression, discrete-variable techniques, recursive systems, and cross-level analysis. Application of these techniques to concrete political problems.

**PS 549. Racial Politics in the United States. 4 Credits.**

Considers how race has interacted with political development in the U.S. from the New Deal to the present.

**PS 555. Theories of International Politics. 4 Credits.**

Competing theories of international relations and strategies for testing the theories.

**PS 558. Feminist Political Theories. 4 Credits.**

Examines the relationship between feminism, gender, and the state. Offered alternate years.

**PS 566. Civil Rights in Post-Warren Era. 4 Credits.**

Analyzes development in civil rights advocacy in the United States since the heyday of the Warren Court. Focuses primarily on developments in race, gender, disability, and sexuality. Offered alternate years.

**PS 567. The United States Presidency. 4 Credits.**

An ambivalent view of the presidency as the key institution in the United States political system: source of great good but also of great harm.

**PS 570. Constitutional Law. 4 Credits.**

Surveys how the U.S. Constitution works as a structure for government. Addresses how the federal courts interact within the U.S. system of government.

**PS 572. Matters of Life and Death. 4 Credits.**

Examines the right to life from political, legal, and philosophical perspectives. Considers abortion, capital punishment, assisted suicide, just-war theory, and animal rights.

**PS 575. Politics of the European Union. 4 Credits.**

Surveys the historical development and current workings of the European Union's major institutions and policies. Offered alternate years.

**PS 577. International Environmental Politics. 4 Credits.**

How nations solve international environmental problems. Explores major problems, processes, and current debates. Evaluates existing treaties through case studies.

**PS 579. U.S. Interventions in Developing Nations. 4 Credits.**

Examines theories of intervention: security, economic imperialism, humanitarian intervention, spreading democracy, domestic politics; over thirty-seven U.S. interventions since 1898 are surveyed.

**PS 580. Introduction to Rational Choice I. 4 Credits.**

Introduces the paradigm of rational choice and game theory that is of special significance to politics. Myagkov.

**PS 584. United States Supreme Court. 4 Credits.**

The Supreme Court as a political body; the judicial role in the context of the economic, political, social, and psychological factors that influence the court's decisions.

**PS 585. Civil Rights and Civil Liberties. 4 Credits.**

Overview of the role of rights in the United States legal system. Particular emphasis on the role of freedom and equality in a federal system.

**PS 595. United States Political Economy. 4 Credits.**

Examines United States political-economic institutions from a comparative and historical perspective. Topics include rise and fall of mass production, labor and the law, and regional development.

**PS 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**PS 603. Dissertation. 1-16 Credits.**

Repeatable.

**PS 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**PS 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**PS 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**PS 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**PS 609. Terminal Project. 1-16 Credits.**

Repeatable.

**PS 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**PS 612. Qualitative Methods. 5 Credits.**

Survey of rationales for qualitative methods in the social sciences and the main conceptual and practical issues raised in qualitative research. Offered alternate years.

**PS 613. Interpretive Methods in Political Science. 5 Credits.**

This seminar trains graduate students in the philosophy, theory and practice of interpretive methods by engaging five methods: discourse analysis, genealogy, political ethnography, interpretive interviewing, and decoloniality. We will take some time with each approach, devoting a week or more to theory method

**PS 614. Research Design. 5 Credits.**

This course is designed to give students the practical skills necessary to craft a well-designed research project for any type of political science research question. In this way, it prepares students for writing a successful dissertation prospectus, as well as design a second-year paper.

**PS 615. Teaching and Learning in Politics and Policy. 1 Credit.**

This course for beginning PhD students in Political Science and the School of Planning, Public Policy, and Management provides a forum to discuss teaching as as Graduate Employee and fundamental learning skills for new graduate students.

**PS 616. Professionalization in Politics and Policy: [Topic]. 1 Credit.**

This course for graduate students in Political Science and PhD students the School of Planning, Public Policy, and Management develops skills necessary for future academic professionals. The specific skills taught are indicated by the course subtitle.

**PS 618. American Political Institutions. 5 Credits.**

This is one of three required core seminars for PhD students who plan to take a comprehensive examination in American politics. We explore how political science approaches the study of institutional contributions to political and policy developments.

**PS 619. United States Political Culture. 5 Credits.**

In this course we examine the different ways that scholars study the relationship between politics and culture, and then focus on the United States as our case.

**PS 620. State of the Discipline. 5 Credits.**

Introduction to trends in the political science profession and to the faculty at the University of Oregon.

**PS 622. Political Theory. 5 Credits.**

Survey of major works in the field of classical and contemporary political theory.

**PS 624. International Relations. 5 Credits.**

Survey of major works in the field of international relations.

**PS 625. Public Policy. 5 Credits.**

Survey of major works in the field of public policy.

**PS 626. International Political Economy. 5 Credits.**

One of two required seminars for PhD students planning to take a comprehensive examination in international relations. Explores how politics and economics interact in shaping economic relations among states.

**PS 628. States and State-Society Relations. 5 Credits.**

Examines how scholars have studied the state and its relationship to society. Students develop a comparative perspective of contentious politics ranging from peasant rebellions to revolutions to transnational social movements.

**PS 629. Comparative Political Economy. 5 Credits.**

Doctoral-level survey of how political factors explain variations in national or regional trajectories of economic development, including industrialization, wealth, growth, and inequality.

**PS 630. States and Regimes. 5 Credits.**

Introduction to the major issues, theories, concepts, and arguments about states and regimes in comparative politics. Offered alternate years.

## Portuguese Courses

### Courses

**PORT 101. First-Year Portuguese. 5 Credits.**

Introduction to Brazilian Portuguese language and culture, with emphasis on speaking, reading, writing, and listening comprehension skills. Sequence with PORT 102, PORT 103.

**PORT 102. First-Year Portuguese. 5 Credits.**

Introduction to Brazilian Portuguese language and culture, with emphasis on speaking, reading, writing, and listening comprehension skills. Sequence with PORT 101, PORT 103. Prereq: PORT 101 or equivalent.

**PORT 103. First Year Portuguese. 5 Credits.**

Introduction to Brazilian Portuguese language and culture, with emphasis on speaking, reading, writing and listening comprehension skills. Sequence with PORT 101, PORT 102. Prereq: PORT 102 or equivalent.

**PORT 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PORT 201. Second Year Portuguese. 4 Credits.**

Development of Brazilian Portuguese speaking, reading, writing and comprehension; study of short literary and cultural materials. Sequence with PORT 202, PORT 203.

Prereq: PORT 103

**PORT 202. Second-Year Portuguese. 4 Credits.**

Development of Brazilian Portuguese speaking, reading, writing, and comprehension; study of short literary and cultural materials. Sequence with PORT 201, PORT 203.

Prereq: PORT 201 or equivalent.

**PORT 203. Second-Year Portuguese. 4 Credits.**

Development of Brazilian Portuguese speaking, reading, writing, and comprehension; study of short literary and cultural materials. Sequence with PORT 201, PORT 202.

Prereq: PORT 202 or equivalent.

**PORT 301. Cultura e Língua: Expressões Artísticas. 4 Credits.**

Develops advanced language skills through the study of key representations in Brazilian art, literature, film, and music. Taught in Portuguese. Prereq: PORT 203 or equivalent. Offered alternate years.

Prereq: PORT 203 or equivalent.

**PORT 305. Cultura e língua: Brasil ontem e hoje. 4 Credits.**

Introduction to Brazilian history and culture. Topics include geography; indigenous, European, and African presence; trends of authoritarianism and democratization; issues in migration and urbanization; racial and ethnic identities; women's roles. Taught in Portuguese.

Prereq: PORT 203 or equivalent.

**PORT 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

Prereq: PORT 203.

**PORT 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

## Prevention Science Courses

### Courses

**PREV 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**PREV 603. Dissertation. 1-16 Credits.**

Repeatable.

**PREV 604. Internship: [Topic]. 1-16 Credits.**

Repeatable.

**PREV 605. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable up to four times for a total of five credits.

**PREV 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable for a maximum of 16 credits.

**PREV 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**PREV 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**PREV 609. Terminal Project. 1-12 Credits.**

Repeatable.

**PREV 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable up to four times for a total of five credits.

**PREV 611. Capstone Seminar I. 3 Credits.**

This is the first of a 3-course sequence to help students learn about prevention science and progress through the MEd/MS Prevention Science program and completion of their Capstone project. Students attend scientific presentations, complete prevention science readings, and write and present on course material.

**PREV 612. Capstone Seminar II. 2 Credits.**

This is the second of a 3-course sequence to help students learn about prevention science and progress through the MEd/MS Prevention Science program and Capstone project. Students conduct a literature review and develop analytical and writing skills required for their Capstone and other scientific manuscripts.

**PREV 613. Capstone Seminar III. 2 Credits.**

This is the third of a 3-course sequence to help students learn about prevention science and progress through the MEd/MS Prevention Science program and complete their Capstone project. Students complete an original empirical study and corresponding APA formatted 8 to 12-page scientific manuscript and presentation.

**PREV 631. Introduction to Prevention Science. 3 Credits.**

Overview of theory, research, and practice in prevention science and health promotion, including foundational concepts, translation of theory into intervention, methodology, and implementation.

**PREV 633. Contemporary Issues in Public Health. 3 Credits.**

This course introduces approaches, concepts, methods, and perspectives of epidemiology as applied to current public health issues and prevention science research and practice.

**PREV 634. Implementation Science. 3 Credits.**

Provides a framework for examining implementation science and its application to clinical and community-based research.

**PREV 635. Prevention and Policy. 3 Credits.**

Provide students with an understanding of how basic science is translated into evidence-based prevention programs and policy.

**PREV 640. Meta-Analysis I. 3 Credits.**

This course provides an introduction to systematic reviewing and meta-analysis methods for synthesizing results from multiple primary research studies. During this course, students will learn how to formulate research questions for a meta-analysis; conduct systematic literature searches; and synthesize effect sizes using basic meta-analytic techniques.

Prereq: EDUC 642.

**PREV 641. Meta-Analysis II. 3 Credits.**

This course provides an overview of advanced meta-analytic statistical techniques. During this course, students will learn about a range of advanced meta-analytic techniques, including those used to explain heterogeneity, handle complex data structures, and address questions about comparative intervention effectiveness.

Prereq: PREV 640.

## Product Design Courses

### Courses

**PD 101. Introduction to Product Design. 4 Credits.**

This course is an introduction to the Product Design profession and its cultural relevance. Lectures, reading and projects convey theory (critical thinking), designers (history), design methods (CAD, drawing, building), and storytelling (documentation / presentation) to give a foundation in product innovation, creation, and portfolio generation.



**PD 198. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**PD 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PD 223. Beginning Design Drawing. 4 Credits.**

Focuses on perspective, line weight, construction with primary shapes, and shading in the creation of three-dimensional objects.

**PD 240. Designers' Tools. 4 Credits.**

Fundamental construction methods for design. Develop and understanding material properties and the use of specific tools through the design, development and construction of two projects.

**PD 301. Introduction to Design Studio. 4 Credits.**

Introduction to a studio based design course that combines theory and practice with a series of assignments and projects.

Prereq: PD 223, PD 240, PD 330.

**PD 302. Introduction to Design Studio II. 4 Credits.**

Integrate 2D and 3D communication and presentation skills to develop project-based design solutions.

Prereq: PD 301; coreq: PD 323.

**PD 323. Design Drawing. 4 Credits.**

Introduces specific techniques in drawing and modeling objects and their spatial context; the demonstration and implementation of various media and types of drawing. Repeatable once for a maximum of 8 credits.

Prereq: ART 115, PD 223.

**PD 330. Introduction to Computer Aided Design. 4 Credits.**

Introduction to computer-assisted design (CAD) in which students learn virtual design and physical manufacturing relationships and techniques.

**PD 340. Design for Use. 4 Credits.**

Provides the basic theoretical underpinnings for considering the socio-cultural background and design of products. Lectures and readings present main issues; discussions complete conceptual principals.

Prereq: PD 350.

**PD 350. Objects and Impacts. 4 Credits.**

Explores how design influences and is influenced by materials and manufacturing processes. Lectures, readings, and discussions present sustainability, aesthetic, and functional aspects of product design.

Prereq: PD 370.

**PD 370. Design Process. 4 Credits.**

Introduces design processes, from theoretical to professional, using readings, guest lectures, and experimental new structures.

**PD 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PD 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**PD 401. Research: [Topic]. 1-12 Credits.**

Repeatable with change of topic.

**PD 404. Internship: [Topic]. 1-12 Credits.**

Repeatable twice for a maximum of 12 credits with change of topic.

**PD 405. Special Problems: [Topic]. 1-12 Credits.**

Repeatable.

Prereq: instructor's permission.

**PD 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable with change of topic.

Prereq: instructor's permission.

**PD 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**PD 408. Workshop: [Topic]. 1-6 Credits.**

Repeatable with change of topic.

**PD 410. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

**PD 430. Computer-Assisted Design and Production. 4 Credits.**

Meshes virtual design and physical design as students work on projects using shop tools and computer-aided design and manufacturing software and equipment.

Prereq: ART 115, ART 116, PD 223.

**PD 483. Advanced Studio I. 4 Credits.**

Design studio focuses on personal questions that are explored through active design development. Questions may relate to issues of user interface, sustainability, or societal problems. Repeatable twice for a maximum of 12 credits.

Prereq: PD 302, PD 340.

**PD 484. Advanced Studio II. 4 Credits.**

Design studio focuses on global questions explored through active development. Questions may relate to issues of user interface, sustainability, or societal problems. Repeatable twice for a maximum of 12 credits.

Prereq: PD 302, PD 340.

**PD 485. Advanced Studio III. 4 Credits.**

Design studio focuses on corporate questions that are explored through active design development. Questions may relate to issues of user interface, sustainability, or societal problems. Repeatable twice for a maximum of 12 credits.

Prereq: PD 302, PD 340.

**PD 486. BFA Studio I. 6 Credits.**

Explores problems that stress design development through innovation and the responsibility to solve complex societal, functional, and aesthetic issues. Seminar component fosters theoretical, professional, and creative discussion.

**PD 487. BFA Studio II. 6 Credits.**

Second course in series of interactive studios in which students engage in independent project-based learning. Sequence with PD 486, PD 488.

Prereq: PD 486, BFA standing.

**PD 488. BFA Studio III. 6 Credits.**

Third course in series of interactive studio in which students engage in independent project-based learning. Sequence with PD 486, PD 487.

Prereq: PD 487, BFA standing.

**PD 510. Experimental Course: [Topic]. 1-6 Credits.**

Repeatable.

## Psychology Courses

### Courses

**PSY 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PSY 201. Mind and Brain. 4 Credits.**

Introduction to perception, memory, learning, and cognition.

**PSY 202. Mind and Society. 4 Credits.**

Introduction to topics in clinical, personality, social, and developmental psychology.



**PSY 301. Scientific Thinking in Psychology. 4 Credits.**

Fundamentals in the empirical study of human behavior, including hypothesis formation, experiment design, behavioral data basics, and critical evaluation of scientific claims. Sequence with PSY 302, PSY 303. Students may not register for PSY 301 after completing PSY 303.

**PSY 302. Statistical Methods in Psychology. 4 Credits.**

Probability and statistics applied in psychological research. Topics include descriptive statistics, hypothesis testing, correlation, regression, and design of experiments. With laboratory. Sequence with PSY 301, PSY 303.

Prereq: STAT 243Z or one from MATH 241, MATH 246, MATH 251; PSY 301, WR 121Z; Pre- or coreq: PSY 201, PSY 202.

**PSY 303. Research Methods in Psychology: [Topic]. 4 Credits.**

Practical experience designing, conducting, analyzing, and communicating original research about human behavior. Sequence with PSY 301, PSY 302. Repeatable once for a total of 8 credits when the topic changes.

Prereq: PSY 201, PSY 202, PSY 301, PSY 302; one from WR 122Z, WR 123.

**PSY 304. Biopsychology. 4 Credits.**

Relationships between brain and endocrine activity and behavior. Topics include sensation, perception, sexual behavior, drug effects, eating, drinking, sleeping, dreaming, and learning.

Prereq: PSY 201.

**PSY 305. Cognition. 4 Credits.**

Major topics addressed in this class include perception, attention, memory, language, reasoning, and decision-making.

Prereq: PSY 201.

**PSY 306. Social Psychology. 4 Credits.**

Processes underlying social perception and social interaction. Topics include aggression, the self-concept, stereotyping and prejudice, conformity, persuasion, attraction, and helping.

Prereq: PSY 202.

**PSY 307. Personality. 4 Credits.**

Theory and methods for studying human traits, including personality tests and measures. Current research in personality. Studies of age, gender, culture, and relation to emotion and motivation.

Prereq: PSY 202.

**PSY 308. Developmental Psychology. 4 Credits.**

Survey of cognitive, social-emotional, and personality development in infancy, childhood, adolescence, adulthood.

Prereq: PSY 202.

**PSY 309. Psychopathology. 4 Credits.**

Major descriptive and theoretical approaches to etiological, developmental, and social factors in emotion and personality disorders. Includes assessment, diagnosis, treatment, and special topics.

Prereq: PSY 202.

**PSY 348. Music and the Brain. 4 Credits.**

Explores the neural correlates of our perception of tonality, harmony, melody, and rhythm and how these relate to neurobiology, brain damage, and cognitive neuroscience.

**PSY 366. Culture and Mental Health. 4 Credits.**

Role of culture in the definition and maintenance of mental health and the definition and treatment of mental illness.

**PSY 380. Psychology of Gender. 4 Credits.**

Critical analysis of evidence for sex differences, gender roles, and the effect of gender on traditional issues in psychology. Topics include parenthood, violence, and sexual orientation.

**PSY 383. Psychoactive Drugs. 4 Credits.**

Physiological and behavioral effects of psychoactive drugs such as alcohol, opiates, barbiturates, and excitants. The psychology of use and overuse; therapies for correcting drug problems.

**PSY 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**PSY 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**PSY 403. Thesis. 1-12 Credits.**

Repeatable.

**PSY 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**PSY 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**PSY 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**PSY 408. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

**PSY 409. Terminal Project. 1-12 Credits.**

Repeatable.

**PSY 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**PSY 412. Applied Data Analysis. 4 Credits.**

Intermediate-level practical data analysis and interpretation. Topics include experimental design, analysis of variance, multiple regression, exploratory data analysis. Extensive computer use. Honors only.

Prereq: PSY 303.

**PSY 420. Psychology and Law. 4 Credits.**

Introduction to topics of concern to both psychology and the law. Includes eyewitness identification, legal decision-making, criminal defenses, profiling, polygraphy, and mental-health law.

Prereq: PSY 303.

**PSY 433. Learning and Memory. 4 Credits.**

Processes underlying learning and memory, including evolution. Topics range from simple forms of behavior change to the acquisition, retention, forgetting, and retrieval of symbolic information.

Prereq: PSY 303; one course from PSY 304, PSY 305.

**PSY 436. Human Performance. 4 Credits.**

Motor and intellectual capacities; analysis of the flow of information within the nervous system; applications of performance principles to human-machine systems.

Prereq: PSY 303, PSY 305.

**PSY 438. Perception. 4 Credits.**

Topics covered are color, size, shape, depth, distance, and movement. Examines the relationships between stimuli and perception, stimuli and the neural response, and the neural response and perception.

Prereq: PSY 303, PSY 304.

**PSY 445. Brain Mechanisms of Behavior. 4 Credits.**

Organization of the mammalian brain. Structure and function of the neuronal systems underlying vision, perception, motivation, coordinated movement, sleep-wakefulness, learning and memory, and affective disorders.

Prereq: PSY 303, PSY 304.

**PSY 449. Cognitive Neuroscience. 4 Credits.**

Integrative neural mechanisms of normal and abnormal processes in systems (e.g., selective attention, language, memory, object recognition, and emotion).

Prereq: PSY 303, PSY 304.

**PSY 450. Hormones and Behavior. 4 Credits.**

Relationships among the brain, endocrine systems, and behavior. Developmental effects of hormones on the brain, puberty, sexuality, aggression, stress.

Prereq: PSY 303, PSY 304.

**PSY 457. Group Dynamics. 4 Credits.**

Topics in small-group dynamics, including decision-making, conflict, and changes over time in group structure and behavior.

Prereq: PSY 303.

**PSY 458. Decision-Making. 4 Credits.**

Psychological processes involved in judgment and decision-making. Normative theories of ideal behavior contrasted with descriptive analysis of actual behavior.

Prereq: PSY 303.

**PSY 459. Cultural Psychology. 4 Credits.**

Examines interdependence between mind and culture in substantive domains such as social cognition, motivation, emotion, and psychopathology. Cultural pluralism, collective identities, tolerance, and diversity considered.

Prereq: PSY 303.

**PSY 468. Motivation and Emotion. 4 Credits.**

Adaptive human behavior; considers biological processes involved in emotions, how emotions interact with cognition, and social influences.

Prereq: PSY 303.

**PSY 472. Psychology of Trauma. 4 Credits.**

Cognitive, neuropsychological, developmental, social, and clinical approaches to understanding trauma. Includes analysis of childhood trauma, sexual assault, domestic violence, terrorism, combat, and natural disasters.

Prereq: PSY 303.

**PSY 473. Intimate Relationships. 4 Credits.**

Adult intimacy and love relationships. Clinical-counseling approaches: assessment, couple and family therapies, and evaluation. Models of relationship functioning and the empirical study of interpersonal relationships.

Prereq: PSY 303.

**PSY 475. Cognitive Development. 4 Credits.**

Intellectual development in children from infancy to adolescence with a focus on early childhood. Topics covered include perception, attention, memory, reasoning, conceptual structure, social cognition.

Prereq: PSY 303; one course from PSY 305, PSY 308.

**PSY 478. Social Development. 4 Credits.**

Theoretical issues and empirical studies of social-emotional development. Topics may include attachment, temperament, moral development, family interaction, self-image, aggression, and sex-role development.

Prereq: PSY 303; one course from PSY 306, PSY 307, PSY 308.

**PSY 479. Infancy. 4 Credits.**

Mechanisms and processes that underlie and promote rapid changes in physical, cognitive, and linguistic capabilities, from birth to 24 months. Covers innovative methodologies and cultural attitudes toward infants.

Prereq: PSY 303; one course from PSY 308, PSY 376.

**PSY 480. Development and Psychopathology. 4 Credits.**

Biological and environmental factors that shape normal and abnormal development. Analysis of how family functioning affects psychopathology and resilience in children and adolescents.

Prereq: PSY 303; one course from PSY 308, PSY 309.

**PSY 490. Honors in Psychology. 1 Credit.**

Repeatable. Reading and conference. Repeatable twice for maximum of 3 credits each.

Prereq: Honors psychology majors only.

**PSY 491. Honors in Psychology. 1 Credit.**

Repeatable. Reading and conference. Repeatable twice for maximum of 3 credits each.

Prereq: Honors psychology majors only.

**PSY 492. Honors in Psychology. 1 Credit.**

Repeatable. Reading and conference. Repeatable twice for maximum of 3 credits each.

Prereq: Honors psychology majors only.

**PSY 503. Thesis. 1-16 Credits.**

Repeatable.

**PSY 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**PSY 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**PSY 512. Applied Data Analysis. 4 Credits.**

Intermediate-level practical data analysis and interpretation. Topics include experimental design, analysis of variance, multiple regression, exploratory data analysis. Extensive computer use.

**PSY 520. Psychology and Law. 4 Credits.**

Introduction to topics of concern to both psychology and the law. Includes eyewitness identification, legal decision-making, criminal defenses, profiling, polygraphy, and mental-health law.

**PSY 533. Learning and Memory. 4 Credits.**

Processes underlying learning and memory, including evolution. Topics range from simple forms of behavior change to the acquisition, retention, forgetting, and retrieval of symbolic information.

**PSY 536. Human Performance. 4 Credits.**

Motor and intellectual capacities; analysis of the flow of information within the nervous system; applications of performance principles to human-machine systems.

**PSY 538. Perception. 4 Credits.**

Topics covered are color, size, shape, depth, distance, and movement. Examines the relationships between stimuli and perception, stimuli and the neural response, and the neural response and perception.

**PSY 545. Brain Mechanisms of Behavior. 4 Credits.**

Organization of the mammalian brain. Structure and function of the neuronal systems underlying vision, perception, motivation, coordinated movement, sleep-wakefulness, learning and memory, and affective disorders.

**PSY 549. Cognitive Neuroscience. 4 Credits.**

Integrative neural mechanisms of normal and abnormal processes in systems (e.g., selective attention, language, memory, object recognition, and emotion).

**PSY 550. Hormones and Behavior. 4 Credits.**

Relationships among the brain, endocrine systems, and behavior. Developmental effects of hormones on the brain, puberty, sexuality, aggression, stress.

**PSY 557. Group Dynamics. 4 Credits.**

Topics in small-group dynamics, including decision-making, conflict, and changes over time in group structure and behavior.

**PSY 558. Decision-Making. 4 Credits.**

Psychological processes involved in judgment and decision-making. Normative theories of ideal behavior contrasted with descriptive analysis of actual behavior.

**PSY 559. Cultural Psychology. 4 Credits.**

Examines interdependence between mind and culture in substantive domains such as social cognition, motivation, emotion, and psychopathology. Cultural pluralism, collective identities, tolerance, and diversity considered.

**PSY 572. Psychology of Trauma. 4 Credits.**

Cognitive, neuropsychological, developmental, social, and clinical approaches to understanding trauma. Includes analysis of childhood trauma, sexual assault, domestic violence, terrorism, combat, and natural disasters.

**PSY 573. Intimate Relationships. 4 Credits.**

Adult intimacy and love relationships. Clinical-counseling approaches: assessment, couple and family therapies, and evaluation. Models of relationship functioning and the empirical study of interpersonal relationships.

**PSY 575. Cognitive Development. 4 Credits.**

Intellectual development in children from infancy to adolescence with a focus on early childhood. Topics covered include perception, attention, memory, reasoning, conceptual structure, social cognition.

**PSY 578. Social Development. 4 Credits.**

Theoretical issues and empirical studies of social-emotional development. Topics may include attachment, temperament, moral development, family interaction, self-image, aggression, and sex-role development.

**PSY 579. Infancy. 4 Credits.**

Mechanisms and processes that underlie and promote rapid changes in physical, cognitive, and linguistic capabilities, from birth to 24 months. Covers innovative methodologies and cultural attitudes toward infants.

**PSY 580. Development and Psychopathology. 4 Credits.**

Biological and environmental factors that shape normal and abnormal development. Analysis of how family functioning affects psychopathology and resilience in children and adolescents.

**PSY 601. Research: [Topic]. 1-21 Credits.**

Repeatable.

**PSY 603. Dissertation. 1-16 Credits.**

Repeatable.

**PSY 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**PSY 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**PSY 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**PSY 609. Terminal Project. 1-12 Credits.**

Repeatable.

**PSY 610. Experimental Course: [Topic]. 1-21 Credits.**

Repeatable.

**PSY 611. Data Analysis I. 4 Credits.**

Introduction to probability, hypothesis testing, and analysis of variance with applications. Includes training in the statistical analysis of data by computer. With laboratory.

**PSY 612. Data Analysis II. 4 Credits.**

Multiple regression and advanced topics in analysis of variance. Includes training in the statistical analysis of data by computer. With laboratory.

Prereq: PSY 611.

**PSY 613. Data Analysis III. 4 Credits.**

Multivariate techniques including MANOVA, factor analysis, principal components. Includes training in the statistical analysis of data by computer. With laboratory.

Prereq: PSY 612.

**PSY 614. Fast Program Refinement. 4 Credits.**

This course introduces a structured but flexible framework for intervention program development, implementation, and evaluation. Students will explore why change is needed in the field as they learn and practice the Framework's guiding principles (precision, fast-cycle iteration, co-creation, and shared learning).

**PSY 615. Community Needs Assessments. 4 Credits.**

Explores the formative steps in intervention design and implementation. Introduces key concepts and methods for needs assessments with agencies and individuals serving at-risk communities. Topics include building community partnership and using qualitative research methodology to empirically assess barriers to and facilitators of access to interventions.

**PSY 616. Implementation with Community and Cultural Perspectives. 3 Credits.**

This course explores essential tools for implementing effective (or evidence-based) programs with fidelity in community settings. Topics include community outreach, diversity science, partnership and co-creation, team science, and models of change.

**PSY 618. Substance Use and Addiction. 3 Credits.**

Exploration of brain mechanisms underlying motivated behaviors and dysfunctions that lead to addictive behaviors. Topics include neurobiological and psychological effects of addictive drugs, factors that contribute to addiction, societal impacts, the link between addiction and habits, and how this relates to behaviors like pathological gambling.

**PSY 619. Intervention Science. 4 Credits.**

Exploration of the development and evaluation of evidence-based treatments, the field of implementation science, and culturally competent intervention approaches. Students develop clinical intervention and case conceptualization skills while learning about infant, child, adolescent, adult, and couple focused evidence-based treatments for a variety of disorders.

**PSY 620. Psychopathology. 3 Credits.**

Definition, measurement, and diagnosis of deviant behavior; includes critical reviews of research on the etiology, intervention, and outcome of major mental disorders.

Prereq: major standing.

**PSY 621. Clinical Psychobiology. 3 Credits.**

Research and theory from the neurosciences applied to clinical problems and biological therapies.

Prereq: major standing.

**PSY 628. Methods of Program Evaluation. 4 Credits.**

This course provides full-spectrum coverage of program evaluation.

We will cover theory, model testing, experimental design and basic statistical theory and methods. Designed to provide students with tools and techniques they can apply to program development and evaluation within their home organizations.

**PSY 629. Methods of Program Measurement. 4 Credits.**

This course provides students with an understanding of best practices in quantitative and qualitative measurement. Topics include assessment, psychometrics, validity, and reliability. Students will gain practical tools they can apply to conducting research within social service and related settings.

**PSY 630. Translational Neuroscience in Early Childhood. 3 Credits.**

Introduction to key concepts and methods of translational neuroscience. Uses a multidisciplinary lens to examine environmental influences on early human development, from the prenatal period through early childhood. Reviews the evidence base for interventions that aim to mitigate risk factors in these critical developmental periods.

**PSY 631. Translational Neuroscience in Adolescence. 3 Credits.**

Examines neuroscience research on brain structure, function and neuroplasticity specific to adolescent development. Relates principles of adolescent brain development to evidence-based treatments. Topics include the effects of hormones on brain development, increased sensitivity to dopamine in reward seeking, and the neural basis of social cognition.

**PSY 632. Translational Neuroscience in Adulthood. 3 Credits.**

Examines neuroscience research on brain development and neuroplasticity in adulthood. Emphasizes bidirectional links between neurobiology and behavior and connections to evidence based psychosocial treatment common to aging adult populations. Topics include stress neurobiology, anxiety and depression, substance use, and cognitive function over the adult lifespan.

**PSY 672. Trauma Informed Interventions. 3 Credits.**

Seminar on the effects of adverse childhood experiences (ACES) and trauma on physical and mental health. Topics include stress-related psychopathology, culture- and trauma-informed clinical intervention, and socio-demographic and cultural factors related to adversity and stress.

**PSY 690. Capstone Research. 1-2 Credits.**

Faculty-supervised research credits for each quarter in which students conduct their capstone research project, which is embedded in their home agency / employer (minimum 3 terms of 2 units per term). Small group advising allows for faculty-student advising on project enhanced by peer-to-peer advising/mentoring.

**PSY 704. Internship: [Topic]. 1-15 Credits.**

Repeatable.

## Religious Studies Courses

### Courses

**REL 101. World Religions: Asian Traditions. 4 Credits.**

Introduction to related religious traditions of Asia, including Hinduism, Buddhism, Daoism, Confucianism and Shinto. Readings in sacred texts and scholarly literature. Lecture, discussion.

**REL 102. World Religions: Near Eastern Traditions. 4 Credits.**

Introduction to the Abrahamic religions of Judaism, Christianity, Islam and to related traditions such as the Zoroastrian, Manichaeism, Mandaean, Baha'i. Lecture, discussion.

**REL 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**REL 200M. Temp Multilist Course. 4 Credits.****REL 211. Early Judaism. 4 Credits.**

Development of the Jewish religion from its earliest existence until the Christian era.

**REL 222. Introduction to the Bible I. 4 Credits.**

Content and organization of the Hebrew scriptures (Old Testament); examination of scholarly methods and research tools used in biblical studies.

**REL 223. Introduction to the Bible II. 4 Credits.**

Examination of the written traditions of early Christianity with an emphasis on the New Testament.

**REL 233. Introduction to Islam. 4 Credits.**

Islamic religious tradition, beginnings to present. Pre-Islamic Arabia, Prophet Muhammed, pillars of Islam, ethics and piety, Sunni-Shiite divide, reform and renewal movements.

**REL 302. Chinese Religions. 4 Credits.**

Prehistoric roots of Chinese religion, Confucius and his followers, philosophical Taoism, Han Confucianism, religious Taoism, Chinese Buddhism, Neo-Confucianism, religion in China today.

**REL 303. Japanese Religions. 4 Credits.**

Early Shinto and its developments, Japanese Buddhism, transformation of Taoism and Confucianism, medieval Shinto, religion in the Tokugawa period, Nationalistic Shinto, folk religion, new religions.

**REL 304. Religions of India. 4 Credits.**

An introduction to the major religious traditions of the Indian subcontinent: Hinduism and Buddhism, and more briefly Sikhism and Jainism.

**REL 317. Jesus and the Gospels. 4 Credits.**

Considers early evidence for Jesus, including canonical and noncanonical gospels, in light of critical scholarship and historical reconstructions.

**REL 321. History of Christianity. 4 Credits.**

Course of Christian history in East and West; relations between spirituality, doctrine, and institutional forms. Covers the ancient period, from the Apostolic Fathers to the Islamic conquests (90–650).

**REL 322. History of Christianity. 4 Credits.**

Course of Christian history in East and West; relations between spirituality, doctrine, and institutional forms. Covers medieval Western Christianity, from the Germanic invasions to the Reformation (400–1500).

**REL 323. History of Christianity. 4 Credits.**

Course of Christian history in East and West; relations between spirituality, doctrine, and institutional forms. Covers modern Western Christianity, from the Reformation to the present (1500 to the present).

**REL 324. History of Eastern Christianity. 4 Credits.**

Byzantine Christianity from the founding of the Christian Roman Empire to the Fall of Constantinople in the 15th century.

**REL 325. History of Eastern Christianity. 4 Credits.**

The Eastern churches from the 15th century to the present.

**REL 335. Introduction to the Qur'an. 4 Credits.**

An introduction to the nature of the Qur'an and the various ways it has been interpreted throughout history by both Muslims and non-Muslims.



**REL 353. Dark Self, East and West. 4 Credits.**

Comparative examination of selfhood in Eastern and Western religious thought and cultural contexts. Focus on dark side or problematic dimensions of Buddhist, Christian, Daoist, Jewish, and other thought.

**REL 355. Mysticism. 4 Credits.**

The experiential or mystical dimensions of the three major Abrahamic faiths. Exploration of the original writings of men and women from each spiritual tradition.

**REL 357. War, Terrorism, and Religion. 4 Credits.**

Offers an examination of the theme of war, terrorism, and religion, focusing on cases of religiously motivated acts of violence in the contemporary era.

**REL 359. Religion After Atheism. 4 Credits.**

Atheist critiques of religion, analyses of secularism from multiple disciplinary perspectives, and responses to atheism and secularism by modernist Christian, Muslim, and Buddhist writers.

**REL 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**REL 401. Research: [Topic]. 1-4 Credits.**

Repeatable.

**REL 403. Thesis. 1-4 Credits.**

Repeatable.

**REL 405. Reading and Conference: [Topic]. 1-4 Credits.**

Repeatable.

**REL 407. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**REL 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**REL 409. Terminal Project. 1-12 Credits.**

Repeatable.

**REL 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**REL 411. Making Sense of Religion. 4 Credits.**

History of the study of religion, from the late 19th century to the present, as an expression of society, agent of oppression, psychological experience, symbolic system, and Western concept. Junior standing required.

**REL 414. Biblical Book: [Topic]. 4 Credits.**

Close reading of one or more books of the Judeo-Christian Bible in literary, historical, and cultural contexts; history of interpretation; and critical scholarship. Repeatable twice when topic changes for a maximum of 12 credits.

**REL 432. Islamic Mysticism: [Topic]. 4 Credits.**

Inner dimensions of Islamic piety and righteousness, from the Koranic and prophetic foundations to principal thinkers in the medieval Arabic and Persian Sufi traditions. Repeatable twice for a maximum of 12 credits.

**REL 440. Readings in Buddhist Scriptures. 4 Credits.**

Readings in representative scriptures in English translation. Selection based on their import in development of Indian Buddhist philosophy and their impact on evolution of East Asian forms of Buddhism.

**REL 444. Medieval Japanese Buddhism. 4 Credits.**

Medieval Japanese Buddhism of the 12th and 13th centuries. Examination of religious thought and cultural history including Zen and Pure Land.

**REL 507. Seminar: [Topic]. 1-4 Credits.**

Repeatable.

**REL 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**REL 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**REL 511. Making Sense of Religion. 4 Credits.**

History of the study of religion, from the late 19th century to the present, as an expression of society, agent of oppression, psychological experience, symbolic system, and Western concept.

**REL 514. Biblical Book: [Topic]. 4 Credits.**

Close reading of one or more books of the Judeo-Christian Bible in literary, historical, and cultural contexts; history of interpretation; and critical scholarship. Repeatable twice when topic changes for a maximum of 12 credits.

**REL 532. Islamic Mysticism: [Topic]. 4 Credits.**

Inner dimensions of Islamic piety and righteousness, from the Koranic and prophetic foundations to principal thinkers in the medieval Arabic and Persian Sufi traditions. Repeatable twice for a maximum of 12 credits.

**REL 540. Readings in Buddhist Scriptures. 4 Credits.**

Readings in representative scriptures in English translation. Selection based on their import in development of Indian Buddhist philosophy and their impact on evolution of East Asian forms of Buddhism.

**REL 544. Medieval Japanese Buddhism. 4 Credits.**

Medieval Japanese Buddhism of the 12th and 13th centuries. Examination of religious thought and cultural history including Zen and Pure Land.

**REL 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**REL 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**REL 609. Terminal Project. 1-16 Credits.**

Repeatable.

## Romance Languages Courses

### Courses

**RL 151. Mediterranean Foodways. 4 Credits.**

Mediterranean foodways show how Italy, France, and Spain connect through common politics, geography and trade routes. This course uses food as a lens to introduce you to Southern European culture and to examine broader questions of national identity in global Europe.

**RL 152. Feminist Lens: Italian and French Cinema. 4 Credits.**

The theories and works of the major Italian filmmakers; topics in Italian history and culture; introduction to film analysis. We focus on films produced by Italian and French female directors, introducing you to the brilliant women behind the cameras from the 1970s to today.

**RL 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**RL 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.



**RL 404. Bilingual Internship. 2 Credits.**

Bilingual internship opportunity in area schools or community agencies for students of French or Spanish. Repeatable once for a maximum of 4 credits in another term.

Prereq: third-year language competence.

**RL 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Changing topics on issues relevant to study in two or more Romance languages. Recent topics include Travel Writing, Testimonial Writing, Caribbean Women Writers.

Pre-req: One 300-level literature course in any Romance language.

**RL 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**RL 503. Thesis. 1-16 Credits.**

Repeatable.

**RL 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Changing topics on issues relevant to study in two or more Romance languages. A recent topic is Travel Literature.

**RL 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**RL 601. Research: [Topic]. 1-6 Credits.**

Repeatable.

**RL 603. Dissertation. 1-16 Credits.**

Repeatable.

**RL 604. Bilingual Internship. 2 Credits.**

A bilingual internship opportunity in area schools or community agencies for students of French or Spanish. Repeatable twice for a maximum of 6 credits in another term.

Prereq: third-year language competence.

**RL 605. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**RL 607. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**RL 608. Workshop: [Topic]. 1-16 Credits.**

Teaching Methods offered fall term only. Other workshops may be offered. Repeatable when topic changes.

**RL 609. Terminal Project. 1-16 Credits.**

Repeatable.

**RL 620. Graduate Study in Romance Languages. 2-4 Credits.**

Discussion of purposes, problems, and methods of graduate study in Romance languages. Elements of critical method, research techniques, scholarly writing, and professional development.

**RL 623. Romance Languages Colloquium: [Topic]. 2-4 Credits.**

Seminar organized around a series of speakers exposes students to critical and theoretical issues central to the study of Romance languages and literatures. Repeatable for a maximum of 8 credits.

**RL 636. Teaching and Learning Romance Languages. 4 Credits.**

Specialized training in teaching and learning French, Italian, and Spanish.

## Russian, East European, and Eurasian Studies Courses

### Courses

**REES 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**REES 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**REES 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**REES 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**REES 401. Research: [Topic]. 2-6 Credits.**

Repeatable.

**REES 403. Thesis. 3-6 Credits.**

Repeatable.

**REES 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

**REES 406. Field Studies: [Topic]. 1-21 Credits.**

Repeatable.

**REES 407. Seminar: [Topic]. 2-4 Credits.**

Repeatable.

**REES 408. Workshop: [Topic]. 2-12 Credits.**

Repeatable.

**REES 409. Terminal Project. 1-12 Credits.**

Repeatable.

**REES 410. Experimental Course: [Topic]. 2-6 Credits.**

Repeatable.

**REES 503. Thesis. 1-9 Credits.**

Repeatable.

**REES 507. Seminar: [Topic]. 2-4 Credits.**

Repeatable.

**REES 508. Workshop: [Topic]. 2-12 Credits.**

Repeatable.

**REES 510. Experimental Course: [Topic]. 2-6 Credits.**

Repeatable.

**REES 601. Research: [Topic]. 2-6 Credits.**

Repeatable.

**REES 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**REES 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**REES 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**REES 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**REES 609. Terminal Project. 1-12 Credits.**

Repeatable.

**REES 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

## Russian Courses

### Courses

**RUSS 101. First-Year Russian. 5 Credits.**

Elementary Russian grammar, conversation, reading, and composition.

**RUSS 102. First-Year Russian. 5 Credits.**

Elementary Russian grammar, conversation, reading, and composition.

Prereq: RUSS 101.

**RUSS 103. First-Year Russian. 5 Credits.**

Elementary Russian grammar, conversation, reading, and composition.  
Prereq: RUSS 102.

**RUSS 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**RUSS 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**RUSS 199. Special Studies: [Topic]. 1-5 Credits.**

Russian Film is a current topic. Repeatable when topic changes.

**RUSS 201. Second-Year Russian. 5 Credits.**

Intermediate Russian grammar, reading, conversation, and composition.  
Study of representative literary works.  
Prereq: RUSS 103 or equivalent.

**RUSS 202. Second-Year Russian. 5 Credits.**

Intermediate Russian grammar, reading, conversation, and composition.  
Study of representative literary works.  
Prereq: RUSS 201 or equivalent.

**RUSS 203. Second-Year Russian. 5 Credits.**

Intermediate Russian grammar, reading, conversation, and composition.  
Study of representative literary works.  
Prereq: RUSS 202 or equivalent.

**RUSS 204. Introduction to Russian Literature. 4 Credits.**

Survey of Russian literature from its origins to the present; emphasis on Pushkin, Gogol, Turgenev, Dostoevsky, Tolstoy, Chekhov, and contemporary works. Readings, lectures, and discussions in English.

**RUSS 205. Introduction to Russian Literature. 4 Credits.**

Survey of Russian literature from its origins to the present; emphasis on Pushkin, Gogol, Turgenev, Dostoevsky, Tolstoy, Chekhov, and contemporary works. Readings, lectures, and discussions in English.

**RUSS 206. Introduction to Russian Literature. 4 Credits.**

Survey of Russian literature from its origins to the present; emphasis on Pushkin, Gogol, Turgenev, Dostoevsky, Tolstoy, Chekhov, and contemporary works. Readings, lectures, and discussions in English.

**RUSS 240. Russian Culture. 4 Credits.**

Comparative aesthetics and development of art, film, architecture, music, and literature in the context of Russian intellectual history. Readings, lectures, and discussions in English.

**RUSS 309. Russian through Theater. 2-4 Credits.**

Combined elements of Russian language, literature, and culture learned through participation in a theater production. Credits vary with degree of involvement. Repeatable up to three times for a total of 16 credits.

**RUSS 316. Third-Year Russian. 5 Credits.**

Intermediate-to-advanced Russian. Further development of basic skills, with special attention to reading comprehension, conversational competence, grammatical accuracy, and cultural sophistication.  
Prereq: RUSS 203 or equivalent.

**RUSS 317. Third-Year Russian. 5 Credits.**

Intermediate-to-advanced Russian. Further development of basic skills, with special attention to reading comprehension, conversational competence, grammatical accuracy, and cultural sophistication.  
Prereq: RUSS 203 or equivalent.

**RUSS 318. Third-Year Russian. 5 Credits.**

Intermediate-to-advanced Russian. Further development of basic skills, with special attention to reading comprehension, conversational competence, grammatical accuracy, and cultural sophistication.  
Prereq: RUSS 203 or equivalent.

**RUSS 334. Dostoevsky. 4 Credits.**

Introduction to the novels and short stories of Dostoevsky. His literary, ethical, and political development. Readings and instruction in English.

**RUSS 351. Russian Literature and Film. 4 Credits.**

Introduction to great works of 19th-century Russian literature and analysis of the cinematic adaptation of these works by Western filmmakers.

**RUSS 360. Race in Russia and America. 4 Credits.**

While the racial conversation dominates American culture, few consider the history and significance of race beyond the U.S. This course examines race from a fresh, much less examined, perspective – that of Russia, Soviet Union, and post-Soviet world, in comparison to the US.

**RUSS 399. Special Studies: [Topic]. 1-5 Credits.**

Recent topics are Solzhenitsyn, Sex and Feminism in Russia. Repeatable when topic changes.

**RUSS 401. Research: [Topic]. 2-6 Credits.**

Repeatable.

**RUSS 403. Thesis. 3-6 Credits.**

Repeatable.

**RUSS 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**RUSS 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**RUSS 406. Field Studies: [Topic]. 1-21 Credits.**

Repeatable.

**RUSS 407. Seminar: [Topic]. 2-4 Credits.**

Repeatable when topic changes.

**RUSS 408. Workshop: [Topic]. 1-12 Credits.**

Repeatable..

**RUSS 409. Terminal Project. 1-12 Credits.**

Repeatable.

**RUSS 410. Experimental Course: [Topic]. 2-4 Credits.**

Recent topics are Self and Other in Russian Literature and Film.  
Repeatable when topic changes.

**RUSS 436. Advanced Russian: [Topic]. 4 Credits.**

Analysis of Russian texts, films, and TV broadcasts about selected topics in Russian culture, literature, politics, and economics with practice in comprehension, conversation, and composition. Repeatable twice when topic changes for a maximum of 12 credits.  
Prereq: RUSS 318 or equivalent.

**RUSS 503. Thesis. 1-9 Credits.**

Repeatable.

**RUSS 507. Seminar: [Topic]. 2-4 Credits.**

Repeatable when topic changes.

**RUSS 508. Workshop: [Topic]. 2-12 Credits.**

Conducted in Russian. Repeatable when topic changes.

**RUSS 510. Experimental Course: [Topic]. 2-4 Credits.**

Recent topics are Self and Other in Russian Literature and Film.  
Repeatable when topic changes.

**RUSS 536. Advanced Russian: [Topic]. 4 Credits.**

Analysis of Russian texts, films, and TV broadcasts about selected topics in Russian culture, literature, politics, and economics with practice in comprehension, conversation, and composition. Repeatable twice when topic changes for a maximum of 12 credits.

**RUSS 601. Research: [Topic]. 2-6 Credits.**

Repeatable.

**RUSS 604. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**RUSS 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**RUSS 606. Field Studies: [Topic]. 1-16 Credits.**

Repeatable.

**RUSS 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**RUSS 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**RUSS 609. Terminal Project. 1-12 Credits.**

Repeatable.

**RUSS 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

## Scandinavian Courses

### Courses

**SCAN 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**SCAN 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**SCAN 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**SCAN 220M. From Kierkegaard to Kafka. 4 Credits.**

Survey of the existential tradition in German and Scandinavian literature, philosophy, drama, and film. Historical and conceptual developments are considered, from Kierkegaard to Kafka. Taught in English. Multilisted with GER 220M.

**SCAN 251. Text and Interpretation. 4 Credits.**

Introduction to textual analysis; explores the relationship between experience, description, and identity through the reading and viewing of Scandinavian literature and film. Taught in English.

**SCAN 259. Vikings through the Icelandic Sagas. 4 Credits.**

Introduction to the social, political, and cultural expressions of Viking society through the Sagas, the unique prose narratives of medieval Iceland. Conducted in English.

**SCAN 280M. The Quality of Life in Germany and Scandinavia. 4 Credits.**

An interdisciplinary cultural-historical inquiry into a region with some of the highest quality of life indicators in the world. Examines family, community, work, leisure, security, health, education, and other topics. Taught in English with some German and Swedish (no prior language ability required). Multilisted with GER 280M.

**SCAN 315. Nordic Cinema. 4 Credits.**

Examines cinematic culture in the Nordic countries of Denmark, Finland, Iceland, Norway, and Sweden. Includes works by Ingmar Bergman and the Danish group Dogma 95. Taught in English.

**SCAN 316. History of Cinema. 4 Credits.**

A survey of Nordic cinema from the silent era to the present. Films will be viewed and analyzed within their aesthetic and historical contexts. Taught in English. Offered alternate years.

**SCAN 317. Directors, Movements, and Manifestos. 4 Credits.**

A directed study of specific directors, movements, and manifestos from the Nordic cinematic tradition. Taught in English. Offered alternate years.

**SCAN 325. Constructions versus Constrictions of Identity. 4 Credits.**

Explores the notion of regional, ethnic, gender, and class identity in Scandinavian texts and culture. Topics include immigrant-emigrant experience, lore of the Arctic, folklore, Finland-Swedish writing. Conducted in English.

**SCAN 341. Revisions of the Scandinavian Dream. 4 Credits.**

Examines development of Scandinavian countries from impoverished kingdoms on the European periphery to modern, multicultural welfare societies. Analyzes patterns in the arts, social and political structures, ecological issues. Taught in English.

**SCAN 343. Norse Mythology. 4 Credits.**

Critical evaluation of the religious beliefs in Scandinavia from prehistory through the Viking Age. Taught in English. Offered alternate years.

**SCAN 344. Medieval Hero and Monster. 4 Credits.**

Study of medieval Scandinavian and Germanic literature addressing the remarkably fine line drawn between the heroes and monsters depicted. Offered alternate years.

**SCAN 345M. Food, Culture, and Identity in Germany and Scandinavia. 4 Credits.**

Examines the relationships among food, culture, and identity in Germany and Scandinavia. Interdisciplinary readings, lectures, films, and discussions focus on literary and symbolic representations of food from production to consumption, and on images and depictions of cooking, eating, drinking, and feasting. Multilisted with GER 345M.

**SCAN 351. Periods in Scandinavian Literature. 4 Credits.**

Possible topics are modern breakthrough and modernism in Scandinavian literature. Student discussion, oral presentations, and written papers. Readings and discussions in English.

**SCAN 353. Scandinavian Women Writers. 4 Credits.**

Examines social issues, especially gender, in literature written by women from Denmark, Finland, Iceland, Norway, and Sweden. Primary emphasis on 19th- and 20th-century texts.

**SCAN 354. Genres in Scandinavian Literature. 4 Credits.**

Recent topics include short narrative fiction and Scandinavian drama. Student discussion, oral presentations, and written papers. Readings and discussions in English.

**SCAN 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**SCAN 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**SCAN 403. Thesis. 1-12 Credits.**

Repeatable.

**SCAN 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**SCAN 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**SCAN 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**SCAN 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**SCAN 409. Terminal Project. 1-12 Credits.**

Repeatable.

**SCAN 410. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**SCAN 507. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**SCAN 508. Workshop: [Topic]. 1-21 Credits.**  
Repeatable.

**SCAN 510. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**SCAN 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**SCAN 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**SCAN 609. Terminal Project. 1-12 Credits.**  
Repeatable.

## School Psychology Courses

### Courses

**SPSY 401. Research: [Topic]. 1-12 Credits.**  
Repeatable.

**SPSY 405. Special Problems: [Topic]. 1-12 Credits.**  
Repeatable.

**SPSY 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**SPSY 407. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**SPSY 408. Workshop: [Topic]. 1-21 Credits.**  
Repeatable.

**SPSY 409. Terminal Project. 1-12 Credits.**  
Repeatable.

**SPSY 410. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**SPSY 503. Thesis. 1-16 Credits.**  
Repeatable.

**SPSY 507. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**SPSY 508. Workshop: [Topic]. 1-21 Credits.**  
Repeatable.

**SPSY 510. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**SPSY 601. Research: [Topic]. 1-16 Credits.**  
Repeatable.

**SPSY 603. Dissertation. 1-16 Credits.**  
Repeatable.

**SPSY 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**SPSY 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**SPSY 607. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**SPSY 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**SPSY 609. Terminal Project. 1-12 Credits.**  
Repeatable.

**SPSY 610. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**SPSY 626. Final Supervised Field Experience. 1-15 Credits.**  
Limited to students in school psychology program for basic endorsement for an Oregon license. Repeatable

**SPSY 630. Introduction to Consultation. 3-4 Credits.**  
Provides students with basic knowledge and skills in the area of school-based consultation.

**SPSY 631. Academic and Behavioral Interventions. 4 Credits.**  
The overall goal for this course is for students to demonstrate a solid understanding of the conceptual, theoretical, and empirical bases for school-based, multi-tiered systems of academic and behavior support.

**SPSY 632. Advanced Consultation. 4 Credits.**  
Develops and refines competencies in school-based consultation, and provides opportunities for students to practice consultation skills.

**SPSY 650. Developmental Psychopathology. 4 Credits.**  
Overview of developmental psychopathology, with emphasis on childhood, adolescence, and early adulthood. Covers phenomenology, etiology, development, classification systems, and prognosis of major psychological disorders.

**SPSY 651. Cognitive-Affective Aspects of Behavior. 4-5 Credits.**  
Examination of cognitive and affective foundations of human behavior. Emphasis on reciprocal influences of cognition and emotion. Selected topics in attention, language, memory, thinking, reasoning. Offered alternate years.

**SPSY 652. Biological Aspects of Behavior. 4-5 Credits.**  
Provides the appropriate background for students to meet biological psychology course work requirement for board licensure as a psychologist.

**SPSY 661. Principles and Practices in School Psychology. 4 Credits.**  
Theory, role, and function of school psychology in its relation to learning and the school setting.

**SPSY 662. Foundations of Clinical Supervision. 3 Credits.**  
Introduction to theory and practice of clinical supervision. Overview of supervision models, factors affecting the supervision relationship, supervision and evaluation techniques, legal and ethical considerations.

**SPSY 663. Professional Ethics. 3 Credits.**  
Focuses on the study of current ethical standards of professional practice for school psychologists and behavior analysts.

**SPSY 671. Behavioral Assessment. 4 Credits.**  
Principles, techniques, and conceptual and practical issues in behavioral assessment; applied aspects include data gathering and interpretation as well as report writing.

**SPSY 672. Intellectual Assessment. 4 Credits.**  
Covers individual assessment of learning aptitude. Includes administering, scoring, and interpreting intelligence tests as well as report writing. Reviews theories of intelligence.

**SPSY 674. Educational Assessment. 4 Credits.**  
Methods of educational assessment designed to develop and evaluate instructional interventions; topics include systematic observations, curriculum-based assessment, and teacher interviews.



**SPSY 690. School Psychology Research Seminar: [Topic]. 1-4 Credits.**

Students develop foundational knowledge and applied research skills through participation in a faculty-led research team. The focus of research activities will draw upon faculty expertise and current research.

**SPSY 691. Supervised College Teaching. 2 Credits.**

Students develop school psychology teaching and clinical supervision competencies through a faculty-supervised college teaching experience. Repeatable three times for a maximum of 8 credits.

Prereq: SPSY 662 Foundations of Clinical Supervision is a prerequisite course for any supervised college teaching experience involving the provision of clinical supervision to others. Students must apply for supervised college teaching experiences following procedures outlined in the current SPSY Program Handbook.

**SPSY 692. Professional Competencies Portfolio. 1 Credit.**

Students develop a professional competencies portfolio documenting the knowledge and skills needed for school psychologist licensure. The portfolio is the SPSY Master's Program capstone project, and reflects competencies acquired by the student across program coursework, field experiences, research teams, professional leadership and service activities.

**SPSY 695. Introductory Field Studies. 1 Credit.**

Students will gain exposure to educational practices in school systems, the roles and functions of school psychologists, and school psychological service delivery across domains of professional practice. Guest speakers will provide perspectives from educational researchers and school psychologists in the field.

**SPSY 698. School-Based Practicum. 3 Credits.**

Students complete a supervised practicum in which they deliver comprehensive school psychological services in PreK-12 school settings. Students develop the knowledge and skill competencies required to progress to internship. Repeatable twice for a maximum of 9 credits. Prereq: SPED 528, SPED 540, SPSY 630, SPSY 661, SPSY 663, SPSY 671, SPSY 672, SPSY 674, SPSY 695.

**SPSY 699. Internship. 3 Credits.**

Students complete a supervised internship, in which they deliver comprehensive school psychological services in PreK-12 schools and/or clinical settings. Students develop the knowledge and skill competencies required for professional licensure. Repeatable three times for a maximum of 12 credits.

Prereq: SPSY 698.

**SPSY 704. Internship: [Topic]. 1-15 Credits.**

Repeatable.

**SPSY 706. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**SPSY 709. Terminal Project. 1-16 Credits.**

Repeatable.

## Sociology Courses

### Courses

**SOC 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**SOC 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**SOC 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**SOC 204. Introduction to Sociology. 4 Credits.**

The sociological perspective with emphasis on fundamental concepts, theories, and methods of research.

**SOC 207. Social Inequality. 4 Credits.**

Overview of social inequality, cross-culturally and within the United States. Examines relationship of social inequality based on social class, race, and gender to social change, social institutions, and self-identity.

**SOC 301. American Society. 4 Credits.**

Selected aspects of American culture and institutions and the ways in which they are changing.

Prereq: SOC 204 recommended.

**SOC 304. Community, Environment, and Society. 4 Credits.**

Interrelationship of social and environmental factors in human communities, processes of community change, impact of environmental change on human communities.

**SOC 310. Social Theory. 4 Credits.**

Analysis of the major writers and ideas that have shaped contemporary sociology. Focus on recurrent concepts and issues that continue to challenge sociological inquiry.

**SOC 311. Research Methods. 4 Credits.**

The development of social research; the nature of scientific inquiry and basic methods and techniques; examination of representative sociological studies from the standpoint of methodology.

Prereq: SOC 204 or SOC 207.

**SOC 312. Statistical Analysis in Sociology. 4 Credits.**

Construction and interpretation of tables and graphs, descriptive statistics, measures of association and contingency relationships, basic ideas of probability, and elementary statistical inference applied to nonexperimental research.

**SOC 313. Social Issues and Movements. 4 Credits.**

Contemporary social issues viewed in relation to the social structure of American society. Social movements and ideologies related to these issues.

**SOC 317. Sociology of the Mass Media. 4 Credits.**

Analysis of media events: advertisements, news broadcasts, documentaries, popular music, and television. Perspectives include content analysis, semiotics, functionalist and structuralist paradigms, and power system analysis.

**SOC 328. Self and Society. 4 Credits.**

How the thought, feeling, and behavior of individuals influence and are influenced by the actual, imagined, or implied presence of others.

**SOC 330. Sociology of the Family. 4 Credits.**

Introduction to and historical perspective of the family as a social institution and small-group association.

Prereq: SOC 204 or SOC 207.

**SOC 345. Race and Ethnicity. 4 Credits.**

Examines the major racial and ethnic groups in the United States with special attention to social interactions and inequalities.

**SOC 346. Work and Occupations. 4 Credits.**

Characteristics of work and occupational careers in modern societies; relationships of those to family, the economy, bureaucracy, technology, and alienation.

**SOC 355. Sociology of Gender. 4 Credits.**

Position of women in contemporary society; women and work, politics, families, the economy; intersection of gender, race, and class; women's movements.



**SOC 370. Urban Sociology. 4 Credits.**

Examines the growth of cities; urban inequalities, politics, and social movements; built environment, ecology, and sustainability of cities and identity; global cities and immigration.

**SOC 380. Introduction: Deviance, Control, and Crime. 4 Credits.**

Origins of rules and laws, patterns of reactions to their violation, emphasis on causal theories of deviance and of crime, data sources for study of crime.

**SOC 385. Medical Sociology. 4 Credits.**

This course is designed as an introduction to the broad field of medical sociology and the sociology of health and illness.

**SOC 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**SOC 400M. Temporary Multilisted Course. 1-5 Credits.**

Repeatable.

**SOC 401. Research: [Topic]. 1-21 Credits.**

Repeatable.

**SOC 403. Thesis. 1-12 Credits.**

Repeatable.

**SOC 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**SOC 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**SOC 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**SOC 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Offerings vary from year to year depending on student needs and faculty interests.

Prereq: SOC 204 or SOC 207.

**SOC 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**SOC 409. Terminal Project. 1-12 Credits.**

Repeatable.

**SOC 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**SOC 412. Sociological Research Methods. 4 Credits.**

Descriptive and inferential statistics, including multiple regression.

**SOC 413. Sociological Research Methods. 4 Credits.**

Advanced statistical techniques focusing on generalized linear models.

Prereq: SOC 412.

**SOC 416. Issues in Environmental Sociology [Topic]. 4 Credits.**

Analysis of selected topics in environmental sociology. Topics include environmental movement, impacts of technological change, environmental policy and the state, environmental values, attitudes, and behaviors. Repeatable twice when topic changes for maximum of 12 credits.

**SOC 425. Issues in Sociology of Family: [Topic]. 4 Credits.**

Analysis of selected topics in the sociology of the family. Topics include the sociology of parenthood, feminist perspectives on the family, and the family in cross-cultural perspective. Repeatable twice for a maximum of 12 credits when topic changes.

Prereq: SOC 330.

**SOC 442. Issues in Urban Sociology: [Topic]. 4 Credits.**

Determinants and consequences of urbanization under different conditions; the city as a social and ecological system. Repeatable twice when topic changes for a maximum of 12 credits.

**SOC 445. Sociology of Race and Ethnicity: [Topic]. 4 Credits.**

Advanced analysis of selected topics in sociology of race/ethnicity.

Topics vary. Examples include Asian Americans, Latinos, mixed race, racial oppression, residential segregation, and the post-civil rights era. Repeatable twice for a maximum of 12 credits.

Prereq: SOC 310, SOC 311.

**SOC 446. Issues in Sociology of Work: [Topic]. 4 Credits.**

Selected topics in sociology of work: occupational structures and careers, industrial democracy; technological change and work reform, politics of work. Repeatable twice when topic changes for maximum of 12 credits.

**SOC 447. Issues in Sociology of Organizations: [Topic]. 4 Credits.**

Analysis of selected topics in the sociology of organizations. Topics include industrial sociology, organizational change; organizational democracy; corporate deviance; bureaucracy, power, and society. Repeatable twice when topic changes for maximum of 12 credits.

**SOC 451. Social Stratification. 4 Credits.**

The interrelations among class, race, and sex. Historical origins and development of class and class systems including slavery.

Prereq: SOC 310, SOC 311, SOC 312.

**SOC 452. Issues of Migration: [Topic]. 4 Credits.**

Sociological analysis of migration, including dynamics of race and ethnicity, social structure, and social policy. Examines assimilation, marginalization, multiculturalism, postcolonialism, and social cohesion. Repeatable twice when the topic changes for a maximum of 12 credits. Offered alternate years.

Prereq: SOC 310.

**SOC 455. Issues in Sociology of Gender: [Topic]. 4 Credits.**

Advanced analysis of gender and social relations of power in contemporary society. Variable topics include Women and Health; Violence against Women. Repeatable twice when topic changes for maximum of 12 credits.

**SOC 456. Feminist Theory. 4 Credits.**

Examines major sociological theories that elucidate the position of women and gender as part of the configuration of social relations of power in contemporary societies.

**SOC 457. Sex and Society. 4 Credits.**

Examines alternative sociological perspectives on sexual behavior, the social construction and regulation of sexuality, contemporary social and political issues pertaining to sexuality.

Prereq: SOC 310.

**SOC 458. Issues in Cultural Sociology: [Topic]. 4 Credits.**

Topics include the examination of sociological literature, research, and perspectives on a range of important themes core to cultural sociology, including production and consumption of culture, semiotics, community and networks, and popular culture. Repeatable twice for a maximum of 12 credit when topic changes.

**SOC 459. Issues in Science, Technology & Society: [Topic]. 4 Credits.**

Topics include the examination of sociological literature, research, and perspectives on a range of themes core to understanding science, technology and society, including the public understanding of science, science and social movements, and social inequalities in science.

**SOC 465. Political Sociology. 4 Credits.**

Analysis of political theory and behavior, social bases of power and policy determination, institutional interrelationships, intellectuals and ideologies, political trends and change, political participation and membership.

**SOC 467. Economic Sociology. 4 Credits.**

Applies the sociological perspective to basic economic phenomena such as markets, exchange, prices, money and rationality.

Prereq: SOC 310.

**SOC 475. Marxist Sociological Theory. 4 Credits.**

Basic concepts, theory, and social analysis in the works of Marx and Engels. Topics include dialectical and historical materialism, class, historical development, political economy, and imperialism.

**SOC 484. Issues in Deviance, Control, and Crime: [Topic]. 4 Credits.**

Topics vary. Examples are modern policing, juvenile delinquency, correction, emerging forms of social control. Repeatable twice when topic changes for maximum of 12 credits.

**SOC 491. Sociology of Education. 4 Credits.**

The relationship between education and other social institutions, the school and the community, the school as a social system, social change and education.

**SOC 503. Thesis. 1-16 Credits.**

Repeatable.

**SOC 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Offerings vary from year to year depending on student needs and faculty interests.

**SOC 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**SOC 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**SOC 512. Sociological Research Methods. 4 Credits.**

Descriptive and inferential statistics, including multiple regression.

**SOC 513. Sociological Research Methods. 4 Credits.**

Advanced statistical techniques focusing on generalized linear models. Prereq: SOC 512.

**SOC 516. Issues in Environmental Sociology [Topic]. 4 Credits.**

Analysis of selected topics in environmental sociology. Topics include environmental movement, impacts of technological change, environmental policy and the state, environmental values, attitudes, and behaviors. Repeatable twice when topic changes for maximum of 12 credits.

**SOC 542. Issues in Urban Sociology: [Topic]. 4 Credits.**

Determinants and consequences of urbanization under different conditions; the city as a social and ecological system. Repeatable twice when topic changes for a maximum of 12 credits.

**SOC 545. Sociology of Race and Ethnicity: [Topic]. 4 Credits.**

Advanced analysis of selected topics in sociology of race/ethnicity. Topics vary. Examples include Asian Americans, Latinos, mixed race, racial oppression, residential segregation, and the post-civil rights era. Repeatable twice for a maximum of 12 credits.

**SOC 547. Issues in Sociology of Organizations: [Topic]. 4 Credits.**

Analysis of selected topics in the sociology of organizations. Topics include industrial sociology, organizational change; organizational democracy; corporate deviance; bureaucracy, power, and society. Repeatable twice when topic changes for maximum of 12 credits.

**SOC 551. Social Stratification. 4 Credits.**

The interrelations among class, race, and sex. Historical origins and development of class and class systems including slavery.

**SOC 552. Issues of Migration: [Topic]. 4 Credits.**

Sociological analysis of migration, including dynamics of race and ethnicity, social structure, and social policy. Examines assimilation, marginalization, multiculturalism, postcolonialism, and social cohesion. Repeatable twice when the topic changes for a maximum of 12 credits. Offered alternate years.

**SOC 555. Issues in Sociology of Gender: [Topic]. 4 Credits.**

Advanced analysis of gender and social relations of power in contemporary society. Variable topics include Women and Health; Violence against Women. Repeatable twice when topic changes for maximum of 12 credits.

**SOC 556. Feminist Theory. 4 Credits.**

Examines major sociological theories that elucidate the position of women and gender as part of the configuration of social relations of power in contemporary societies.

Prereq: SOC 555.

**SOC 557. Sex and Society. 4 Credits.**

Examines alternative sociological perspectives on sexual behavior, the social construction and regulation of sexuality, contemporary social and political issues pertaining to sexuality.

**SOC 558. Issues in Cultural Sociology: [Topic]. 4 Credits.**

Topics include the examination of sociological literature, research, and perspectives on a range of important themes core to cultural sociology, including production and consumption of culture, semiotics, community and networks, and popular culture. Repeatable twice for a maximum of 12 credit when topic changes.

**SOC 559. Issues in Science, Technology & Society: [Topic]. 4 Credits.**

Topics include the examination of sociological literature, research, and perspectives on a range of themes core to understanding science, technology and society, including the public understanding of science, science and social movements, and social inequalities in science. Repeatable twice for a maximum of 12 credits when topic changes.

**SOC 565. Political Sociology. 4 Credits.**

Analysis of political theory and behavior, social bases of power and policy determination, institutional interrelationships, intellectuals and ideologies, political trends and change, political participation and membership.

**SOC 567. Economic Sociology. 4 Credits.**

Applies the sociological perspective to basic economic phenomena such as markets, exchange, prices, money and rationality.

**SOC 575. Marxist Sociological Theory. 4 Credits.**

Basic concepts, theory, and social analysis in the works of Marx and Engels. Topics include dialectical and historical materialism, class, historical development, political economy, and imperialism.

**SOC 584. Issues in Deviance, Control, and Crime: [Topic]. 4 Credits.**

Topics vary. Examples are modern policing, juvenile delinquency, correction, emerging forms of social control. Repeatable twice when topic changes for maximum of 12 credits.

**SOC 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**SOC 603. Dissertation. 1-16 Credits.**

Repeatable.

**SOC 604. Internship: [Topic]. 1-6 Credits.**

Repeatable.

**SOC 605. Reading and Conference: [Topic]. 1-16 Credits.**  
Repeatable.

**SOC 606. Field Studies: [Topic]. 1-12 Credits.**  
Repeatable.

**SOC 607. Seminar: [Topic]. 1-5 Credits.**  
Proseminar required for all incoming Sociology graduate students.  
Professional socialization and preparation for the discipline. Repeatable.

**SOC 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable. A current topic is Master's Project.

**SOC 609. Terminal Project. 1-16 Credits.**  
Repeatable.

**SOC 610. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**SOC 612. Overview of Sociological Methods. 5 Credits.**  
Examines the research process--framing research questions, qualitative and quantitative design, relationships between methods and theory, deductive and inductive investigation logic, research ethics, sampling procedures, explanatory power.

**SOC 613. Advanced Sociological Methods: [Topic]. 5 Credits.**  
Major methodological topics such as comparative, demographic, experimental, field, historical, and survey methods. Other possible topics include time-series analysis. Repeatable twice when topic changes for maximum of 15 credits.  
Prereq: SOC 612 or equivalent.

**SOC 615. Advanced Sociological Theory: [Topic]. 5 Credits.**  
Major sociological theories such as modern functionalism, contemporary Marxism, phenomenology, postmodernism, feminist and organizational theory. Repeatable twice when topic changes for maximum of 15 credits.

**SOC 616. Environment and Resource Issues: [Topic]. 5 Credits.**  
Explores issues of environmental sociology and resource policy, including ecological crisis; environmental justice as it pertains to race, gender, class, and international inequality. Repeatable twice when topic changes for maximum of 15 credits.

**SOC 617. Sociological Theory I. 5 Credits.**  
Sociological theories of the 19th century (especially Marx, Weber, and Durkheim) and 20th century (e.g., modern functionalism, feminist, neo-Marxism, neo-Weberian, poststructuralist theories).

**SOC 618. Sociological Theory II. 5 Credits.**  
Major themes and historical foundation of contemporary sociological theory.  
Prereq: SOC 617.

**SOC 621. Teaching in the Social Sciences. 4 Credits.**  
Prepares graduate students to teach their own classes. Covers pedagogy and develops practical skills. Offered alternate years.

**SOC 644. Race and Ethnicity Issues: [Topic]. 5 Credits.**  
Explores current research and theoretical debates, such as Chicano-Chicana and Latino-Latina studies, in the sociology of race and ethnicity. Repeatable twice when topic changes for maximum of 15 credits.

**SOC 656. Issues in Sociology of Gender: [Topic]. 5 Credits.**  
Examines sociological theories of gender, focusing on a particular substantive area such as health, work, family, or sexuality. Explores gender in relation to race, ethnicity, and class. Repeatable twice when topic changes for maximum of 15 credits.

**SOC 664. Political and Economic Sociology Issues: [Topic]. 5 Credits.**

Examines the relationship between economic institutions and political processes. Sample topics include theories of modern capitalism, corporations and the state, development and underdevelopment, war and peace. Repeatable twice when topic changes for maximum of 15 credits.

## Spanish Courses

### Courses

**SPAN 101. First-Year Spanish. 5 Credits.**  
Emphasis on the development of speaking, reading, and writing skills; introduction to Hispanic culture. Sequence. Conducted in Spanish.

**SPAN 102. First-Year Spanish. 5 Credits.**  
Emphasis on the development of speaking, reading, and writing skills; introduction to Hispanic culture. Sequence. Conducted in Spanish.  
Prereq: SPAN 101.

**SPAN 103. First-Year Spanish. 5 Credits.**  
Emphasis on the development of speaking, reading, and writing skills; introduction to Hispanic culture. Sequence. Conducted in Spanish.  
Prereq: SPAN 102.

**SPAN 111. Intensive Beginning Spanish. 5 Credits.**  
Intensive study for experienced language learners; introduction to Hispanic culture. Prereq: evidence of placement. Sequence. Conducted in Spanish. Cannot be combined with SPAN 101, SPAN 102, SPAN 103 for more than 15 credits of first-year Spanish.  
Prereq: previous study in Spanish or competence in another Romance language.

**SPAN 112. Intensive Beginning Spanish. 5 Credits.**  
Intensive study for experienced language learners; introduction to Hispanic culture. Prereq: evidence of placement. Sequence. Conducted in Spanish. Cannot be combined with SPAN 101, SPAN 102, SPAN 103 for more than 15 credits of first-year Spanish.  
Prereq: SPAN 111.

**SPAN 150. Hispanic and Latinx Cultures. 4 Credits.**  
This course provides students with an overview of the cultures of the Hispanic/Latinx world (Spain, Latin America, US)

**SPAN 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.

**SPAN 200M. Temp Multilist Course. 4 Credits.**

**SPAN 201. Second-Year Spanish. 4 Credits.**  
Continued development of Spanish-language skills; emphasis on diversity of Hispanic cultures. Sequence. Conducted in Spanish.  
Prereq: first year language competence.

**SPAN 202. Second-Year Spanish. 4 Credits.**  
Continued development of Spanish-language skills; emphasis on diversity of Hispanic cultures. Sequence. Conducted in Spanish.  
Prereq: SPAN 201.

**SPAN 203. Second-Year Spanish. 4 Credits.**  
Continued development of Spanish-language skills; emphasis on diversity of Hispanic cultures. Sequence. Conducted in Spanish.  
Prereq: SPAN 202.

**SPAN 218. Latino Heritage I. 5 Credits.**

Designed for heritage learners—students who grew up with Spanish in their community and want to build communication skills in Spanish. Content focuses on personal experiences in U.S. Latino communities. Cannot be combined with SPAN 201, SPAN 202, SPAN 203 for more than 15 credits of second-year Spanish.

Prereq: placement through self-identification or placement by Spanish heritage language placement test.

**SPAN 228. Latino Heritage II. 5 Credits.**

Designed for heritage learners—students who grew up with Spanish in their community and want to continue developing communication skills in Spanish. Content focuses on personal experiences in U.S. Latino communities. Cannot be combined with SPAN 201, SPAN 202, SPAN 203 for more than 15 credits of second-year Spanish.

Prereq: SPAN 218 or placement by Spanish heritage language placement test.

**SPAN 238. Spanish Around the World. 4 Credits.**

Introduction to language variation (dialects) through the study of the places, peoples, history, and social differences that make the Spanish language what it is today.

Prereq: SPAN 103 or SPAN 112 or equivalent proficiency in Spanish language.

**SPAN 299. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**SPAN 301. Cultura y Lengua: Identidades Hispanas. 4 Credits.**

Develops advanced language skills through analysis of major historical influences in the cultures of Spanish-speaking regions: Spain, Latin America, and the United States. Taught in Spanish.

Prereq: SPAN 203 or SPAN 228.

**SPAN 303. Cultura y lengua: expresiones artísticas. 4 Credits.**

Develops advanced language skills through the study of cultural products (e.g., art, literature, film, music) in Spanish-speaking societies. Taught in Spanish.

Prereq: SPAN 203 or SPAN 228.

**SPAN 305. Cultura y lengua: cambios sociales. 4 Credits.**

Develops advanced language skills through the investigation of major currents of change in modern Spanish-speaking societies; gender issues, technology, revolution and counter-revolution. Taught in Spanish.

Prereq: SPAN 203 or SPAN 228.

**SPAN 307. Oral Skills. 2 Credits.**

Practice in improving listening, comprehension, and oral skills in Spanish. Communicative activities in class in addition to language laboratory work. Repeatable once for maximum of 4 credits.

Prereq: SPAN 203 or SPAN 228.

**SPAN 308. Cultura y lengua: comunidades bilingües. 4 Credits.**

Designed for heritage learners—students who grew up with Spanish in their community and want to continue developing communication skills in Spanish. Explores socio-linguistic dynamics of communities in which Spanish is in contact with another language. Open to all students. Taught in Spanish.

Prereq: SPAN 203 or SPAN 228.

**SPAN 311. Advanced Writing in Spanish. 4 Credits.**

This requirement for the Spanish major provides additional language development for students early on in the major, emphasizing academic writing skills in Spanish.

Prereq: two from SPAN 301, SPAN 303, SPAN 305, SPAN 308.

**SPAN 312. Spanish in the Media. 4 Credits.**

Designed for heritage learners. Examines the role of Spanish in various forms of media such as television, Internet, and literature. Students practice advanced writing skills necessary to participate in argumentative writing and close textual readings.

Prereq: SPAN 308 or any two from SPAN 301, SPAN 303, SPAN 305; SPAN 308 is recommended.

**SPAN 320. Intensive Spanish Grammar Review. 4 Credits.**

Review and development of the more complex aspects of Spanish grammar with special attention to idiomatic usage.

Prereq: SPAN 203 or SPAN 228.

**SPAN 322. Introduction to Hispanic Linguistics. 4 Credits.**

Linguistic description of the Spanish language, including phonetics and phonology, morphology, syntax, history, and social and geographical variation.

Prereq: SPAN 308; one course from SPAN 301, SPAN 303, SPAN 305, SPAN 311, SPAN 312.

**SPAN 324. Spanish Pronunciation and Phonetics. 4 Credits.**

Study of Spanish sounds, rhythms, and intonation; supervised pronunciation practice. Offered alternate years.

Prereq: SPAN 308; one course from SPAN 301, SPAN 303, SPAN 305, SPAN 311, SPAN 312.

**SPAN 341. Hispanic Cultures through Literature I. 4 Credits.**

Introduces students to a variety of texts written in the Hispanic world in their literary, artistic, and historical contexts, from 1100 to 1600.

Prereq: two from SPAN 301, SPAN 303, SPAN 305, SPAN 308.

**SPAN 342. Hispanic Cultures through Literature II. 4 Credits.**

Introduces students to a variety of texts written in the Hispanic world in their literary, artistic, and historical contexts, from the 16th century to the Latin American independences.

Prereq: two from SPAN 301, SPAN 303, SPAN 305, SPAN 308.

**SPAN 343. Hispanic Cultures through Literature III. 4 Credits.**

Introduces students to a variety of texts written in the Hispanic world in their literary, artistic, and historical contexts, from the revolutionary wars to the Spanish Civil War.

Prereq: two from SPAN 301, SPAN 303, SPAN 305, SPAN 308.

**SPAN 344. Hispanic Cultures through Literature IV. 4 Credits.**

Introduces students to a variety of texts written in the Hispanic world in their literary, artistic, and historical contexts, from the 20th century into the 21st.

Prereq: two from SPAN 301, SPAN 303, SPAN 305, SPAN 308.

**SPAN 348. United States Latino Literature and Culture. 4 Credits.**

Introduction to Hispanic literature written in the United States. Close reading and discussion of selected texts by Hispanic authors; emphasis on literary trends and themes.

Prereq: two from SPAN 301, SPAN 303, SPAN 305, SPAN 308.

**SPAN 350. Introduction to Poetry. 4 Credits.**

Explores important aspects of Spanish poetry; reading poems from different periods of Spanish and Spanish American literature. Emphasizes formal aspects and critical reading.

Prereq: two from SPAN 301, SPAN 303, SPAN 305, SPAN 308.

**SPAN 351. Introduction to Theater. 4 Credits.**

Explores important aspects of Spanish theater; reading plays from different periods of Spanish and Spanish American literature. Emphasizes formal aspects and critical reading.

Prereq: two from SPAN 301, SPAN 303, SPAN 305, SPAN 308.



**SPAN 353. Introduction to Narrative. 4 Credits.**

Explores important aspects of Spanish narrative; reading texts from different periods of Spanish and Spanish American literature. Emphasizes formal aspects and critical reading.

Prereq: two from SPAN 301, SPAN 303, SPAN 305, SPAN 308.

**SPAN 355. Creative Writing in Spanish. 4 Credits.**

This course aims to expand the students' creative capabilities in Spanish through writing exercises in poetry and fiction. Students will develop their literary sensitivity as well as their critical judgment and interpretative skills. Writing creatively diversifies the students' experience with the Spanish language.

Prereq: SPAN 311 or SPAN 312; one course from SPAN 341, SPAN 342, SPAN 343, SPAN 344, SPAN 350, SPAN 351, SPAN 353.

**SPAN 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**SPAN 403. Thesis. 3-6 Credits.**

Repeatable.

**SPAN 405. Reading and Conference: [Topic]. 1-6 Credits.**

Repeatable.

**SPAN 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**SPAN 407. Seminar: [Topic]. 1-6 Credits.**

Recent topics include Golden Age Theater, Latin American Film, Medieval Iberian, Mexican Literature and Culture, 19th-Century Spanish Decadence, Postwar Spain, Testimonial Literature. Repeatable.

Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

**SPAN 408. Workshop: [Topic]. 1-12 Credits.**

Special on-campus activities in Spanish. Repeatable.

**SPAN 409. Terminal Project. 1-12 Credits.**

Repeatable.

**SPAN 410. Experimental Course: [Topic]. 1-4 Credits.**

Recent topics include Literature and Democratic Transition, Race in Modern Los Angeles, Social Roots of Creativity. Repeatable.

**SPAN 420. Spanish Linguistics: [Topic]. 4 Credits.**

Variable topics in Spanish linguistics, including advanced grammar, history of the Spanish language, the language of Iberia, Spanish sociolinguistics. Repeatable when topic changes.

Prereq: Two from SPAN 320, SPAN 322, SPAN 324.

**SPAN 424. History of the Spanish Language. 4 Credits.**

Linguistic changes and social-historical influences on the development of Spanish from its roots in Latin to the diversity of modern dialects. Offered alternate years.

Prereq: Two from SPAN 320, SPAN 322, SPAN 324.

**SPAN 425. Literary Translation. 4 Credits.**

Variable topics include con textos, first issues, and cultural translation-transculturation in practice.

Prereq: SPAN 311 or SPAN 312; one course from SPAN 320, SPAN 322, SPAN 324, SPAN 341, SPAN 342, SPAN 343, SPAN 344.

**SPAN 428. Spanish in the United States. 4 Credits.**

The history and description of the linguistic characteristics of and narratives about the use of Spanish within the United States. Offered alternate years.

Prereq: two from SPAN 320, SPAN 322, SPAN 324.

**SPAN 448. National Identities and Border Cultures in the Americas. 4 Credits.**

Examines 19th and 21st century national formation and alternative forms of collective identity in the Americas through literary texts, historical documents and film. Offered alternate years.

Prereq: SPAN 311 or SPAN 312; and two from SPAN 320, SPAN 322, SPAN 324, SPAN 341, SPAN 342, SPAN 343, SPAN 344, SPAN 348.

**SPAN 466. Introduction to Spanish Golden Age. 4 Credits.**

Survey of major figures and cultural issues in the Spanish Golden Age, c. 1500s–1700s.

Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

**SPAN 480. 19th-Century Spanish American Literature: [Topic]. 4 Credits.**

Topics include issue of literary periods, authors, narrative and nation, genres, and indigenismo. Repeatable twice when topic changes for maximum of 12 credits.

Prereq: two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

**SPAN 490. 20th-Century Latin American Literature: [Topic]. 4 Credits.**

Explores major literary trends, authors, and works. Recent topics are Avant-garde in the Mexican Revolution, Testimonial Literature, Latin American Theater. Repeatable twice when topic changes for maximum of 12 credits.

Prereq: SPAN 311 or SPAN 312; and two from SPAN 341, SPAN 342, SPAN 343, SPAN 344.

**SPAN 507. Seminar: [Topic]. 1-6 Credits.**

Recent topics include Golden Age Theater, Latin American Film, Medieval Iberian, Mexican Literature and Culture, 19th-Century Spanish Decadence, Postwar Spain, Testimonial Literature. Repeatable.

**SPAN 508. Workshop: [Topic]. 1-12 Credits.**

Repeatable.

**SPAN 510. Experimental Course: [Topic]. 1-4 Credits.**

Recent topics include Literature and Democratic Transition, Race in Modern Los Angeles, Social Roots of Creativity. Repeatable.

**SPAN 520. Spanish Linguistics: [Topic]. 4 Credits.**

Variable topics in Spanish linguistics. Recent topics include Spanish Phonology, History of the Spanish Language. Repeatable when topic changes.

**SPAN 524. History of the Spanish Language. 4 Credits.**

Linguistic changes and social-historical influences on the development of Spanish from its roots in Latin to the diversity of modern dialects. Offered alternate years.

**SPAN 525. Literary Translation. 4 Credits.**

Variable topics include con textos, first issues, and cultural translation-transculturation in practice.

Prereq: SPAN 520 recommended.

**SPAN 548. National Identities and Border Cultures in the Americas. 4 Credits.**

Examines 19th and 21st century national formation and alternative forms of collective identity in the Americas through literary texts, historical documents and film. Offered alternate years.

**SPAN 566. Introduction to Spanish Golden Age. 4 Credits.**

Survey of major figures and cultural issues in the Spanish Golden Age, c. 1500s–1700s.



**SPAN 580. 19th-Century Spanish American Literature: [Topic]. 4 Credits.**

Topics include issue of literary periods, authors, narrative and nation, genres, and indigenismo. Repeatable twice when topic changes for maximum of 12 credits.

**SPAN 590. 20th-Century Latin American Literature: [Topic]. 4 Credits.**

Explores major literary trends, authors, and works. Recent topics are Avant-garde in the Mexican Revolution, Latin American Theater. Repeatable twice when topic changes for maximum of 12 credits.

**SPAN 601. Research: [Topic]. 1-6 Credits.**

Repeatable.

**SPAN 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**SPAN 606. Practicum: [Topic]. 1-4 Credits.**

Repeatable.

**SPAN 607. Seminar: [Topic]. 1-6 Credits.**

Repeatable.

**SPAN 609. Terminal Project. 1-12 Credits.**

Repeatable.

**SPAN 680. Advanced 19th-Century Spanish American Literature: [Topic]. 4 Credits.**

Selected Latin American topics from literary periods, authors, genres, and aesthetic trends. Repeatable twice when topic changes for maximum of 12 credits.

**SPAN 690. Advanced 20th-Century Latin American Literature: [Topic]. 4 Credits.**

Selected topics from literary periods, authors, genres, and aesthetic trends. Repeatable twice when topic changes for maximum of 12 credits.

## Special Education Courses

### Courses

**SPED 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**SPED 401. Research: [Topic]. 1-12 Credits.**

Repeatable.

**SPED 405. Reading and Conference: [Topic]. 1-21 Credits.**

Repeatable.

**SPED 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**SPED 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Topics include Collaborative Team, Introduction to Talented and Gifted, Introduction to Developmental Disabilities.

**SPED 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**SPED 409. Terminal Project. 1-12 Credits.**

Recent topics include Special Education, Talented and Gifted. Repeatable.

**SPED 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**SPED 411. Foundations of Disability I. 3 Credits.**

Categorical and cross-categorical survey of information about exceptional children and youths. Topics include history, etiology, identification, classification, legislation, alternate program delivery systems.

**SPED 415. Diversity and Special Education. 3 Credits.**

Provides an overview of issues pertaining to diversity in special education. Topics include race, ethnicity, culture, and disability in a sociopolitical and historical context.

**SPED 418. Disrupting the School to Prison Pipeline. 3 Credits.**

Grounded in critical race theory and relying on research across different aspects of schooling and human development, students in this course will engage in rich discussions around practices that empower educators to disrupt the school-to-prison pipeline and bolster protective factors for youth, families, and communities.

**SPED 420. Applied Experience in Special Education. 1-6 Credits.**

This course is designed to provide practical experiences for students enrolled in the special education minor. Students engage with individuals with disabilities in early childhood settings, general or special education classrooms, or through community organizations. Repeatable 5 times for a maximum of 6 credits.

**SPED 422. Special Education Mathematics Instruction. 4 Credits.**

Systematic instruction of mathematics skills for students with disabilities: assessment, planning, curriculum modification, diagnosis and remediation of persistent error patterns, evaluation.

**SPED 426. Behavior and Classroom Management. 4 Credits.**

Provides behavior management procedures for a variety of educational environments. Emphasizes functional assessment-based behavior support planning, classroom management, and principles of applied behavior analysis.

**SPED 428. Special Education Law. 3 Credits.**

This course provides students with knowledge of standards and ethics for professional practice, historical and current case law and legislation, and application of legal principles related to special education services in school settings.

**SPED 431. Introduction to Learning Disabilities. 3 Credits.**

Introduces major topics, issues, and trends in learning disabilities. Addresses the history, definitions, etiologies, theories, characteristics, instructional interventions, and service-delivery models.

**SPED 432. Introduction to Behavioral Disorders. 3 Credits.**

Introduces the characteristics and education of children and youth who have emotional and behavioral disorders.

Prereq: SPED 411.

**SPED 436. Advanced Behavior and Classroom Management. 3 Credits.**

Emphasizes functional assessment-based behavior support planning, individual education plans (IEPs), and effective behavior support systems for a variety of educational environments.

Prereq: SPED 426.

**SPED 440. Early Literacy for Diverse Learners. 4 Credits.**

Focuses on designing and evaluating instruction in the areas of reading and writing for preschool- to early elementary-aged students with disabilities. Sequence with SPED 441, SPED 442, SPED 443.

**SPED 441. Intermediate Literacy for Diverse Learners. 4 Credits.**

Focuses on designing and evaluating instruction in the areas of reading and writing for late elementary- to middle school-aged students with disabilities. Sequence with SPED 440, SPED 442, SPED 443.

Prereq: SPED 440.

**SPED 442. Adolescent Literacy for Diverse Learners. 4 Credits.**

Focuses on designing and evaluating instruction in the areas of reading and writing for middle school- and high school-aged students with disabilities. Sequence with SPED 440, SPED 441, SPED 443.

Prereq: SPED 441.

**SPED 443. Supporting Students with Low-Incidence Disability. 4 Credits.**

Provides skills on how to plan, coordinate, deliver, and evaluate evidence-based instruction for students with low-incidence disabilities. Sequence with SPED 440, SPED 441, SPED 442.

Prereq: SPED 442.

**SPED 470. Principles of Applied Behavior Analysis. 5 Credits.**

The purpose of this course is to provide students with opportunities to learn and master basic behavior principles as a foundation to subsequent advanced courses. Students will master and build fluency with the basic principles of applied behavior analysis.

**SPED 471. Applied Behavior Analysis Assessment. 3 Credits.**

This course provides opportunities to build fluency with the basic principles of applied behavior analysis and the application of these principles to conduct functional behavior assessments including experimental functional analyses to determine the maintaining reinforcers for behavior and to plan for behavior change interventions. Students may enroll in either SPSY 671 or SPED 471/SPED 571, but cannot take both for credit.

**SPED 472. Behavior Change Group Settings. 3 Credits.**

This course provides opportunities to build fluency with the basic principles of applied behavior analysis and the application of these principles to develop, implement, and evaluate programs of behavior change in educational settings with a focus on positive behavior interventions and supports.

Prereq: SPED 470.

**SPED 473. Behavior Change Procedures 1. 3 Credits.**

The purpose of this course is to provide students with an overview of applied behavior analysis based behavior change systems and procedures that will include designing and implementing interventions based on fundamental elements of behavior change.

Prereq: SPED 470, SPED 471.

**SPED 488. Professional Practices: [Topic]. 1-3 Credits.**

Helps students critically assess their fieldwork and integrate fieldwork and course work in the wider context of the school experience. Repeatable twice.

Coreq: SPED 406 or SPED 409.

**SPED 503. Thesis. 1-9 Credits.**

Repeatable.

**SPED 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Topics include Collaborative Team, Introduction to Talented and Gifted, Introduction to Developmental Disabilities.

**SPED 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**SPED 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**SPED 511. Foundations of Disability I. 3 Credits.**

Categorical and cross-categorical survey of information about exceptional children and youths. Topics include history, etiology, identification, classification, legislation, alternate program delivery systems.

**SPED 515. Diversity and Special Education. 3 Credits.**

Provides an overview of issues pertaining to diversity in special education. Topics include race, ethnicity, culture, and disability in a sociopolitical and historical context.

**SPED 518. Disrupting the School to Prison Pipeline. 3 Credits.**

Grounded in critical race theory and relying on research across different aspects of schooling and human development, students in this course will engage in rich discussions around practices that empower educators to disrupt the school-to-prison pipeline and bolster protective factors for youth, families, and communities.

**SPED 522. Special Education Mathematics Instruction. 4 Credits.**

Systematic instruction of mathematics skills for students with disabilities: assessment, planning, curriculum modification, diagnosis and remediation of persistent error patterns, evaluation.

**SPED 526. Behavior and Classroom Management. 4 Credits.**

Provides behavior management procedures for a variety of educational environments. Emphasizes functional assessment-based behavior support planning, classroom management, and principles of applied behavior analysis.

**SPED 528. Special Education Law. 3 Credits.**

This course provides students with knowledge of standards and ethics for professional practice, historical and current case law and legislation, and application of legal principles related to special education services in school settings.

**SPED 531. Introduction to Learning Disabilities. 3 Credits.**

Introduces major topics, issues, and trends in learning disabilities. Addresses the history, definitions, etiologies, theories, characteristics, instructional interventions, and service-delivery models.

**SPED 532. Introduction to Behavioral Disorders. 3 Credits.**

Introduces the characteristics and education of children and youth who have emotional and behavioral disorders.

Prereq: SPED 511.

**SPED 536. Advanced Behavior and Classroom Management. 3 Credits.**

Emphasizes functional assessment-based behavior support planning, individual education plans (IEPs), and effective behavior support systems for a variety of educational environments.

Prereq: SPED 526.

**SPED 540. Early Literacy for Diverse Learners. 4 Credits.**

Focuses on designing and evaluating instruction in the areas of reading and writing for preschool- to early elementary-aged students with disabilities. Sequence with SPED 541, SPED 542, SPED 543.

**SPED 541. Intermediate Literacy for Diverse Learners. 4 Credits.**

Focuses on designing and evaluating instruction in the areas of reading and writing for late elementary- to middle school-aged students with disabilities. Sequence with SPED 540, SPED 542, SPED 543.

Prereq: SPED 540.

**SPED 542. Adolescent Literacy for Diverse Learners. 4 Credits.**

Focuses on designing and evaluating instruction in the areas of reading and writing for middle school- and high school-aged students with disabilities. Sequence with SPED 540, SPED 541, SPED 543.

Prereq: SPED 541.

**SPED 543. Supporting Students with Low-Incidence Disability. 4 Credits.**

Provides skills on how to plan, coordinate, deliver, and evaluate evidence-based instruction for students with low-incidence disabilities. Sequence with SPED 540, SPED 541, SPED 542.  
Prereq: SPED 542.

**SPED 570. Principles of Applied Behavior Analysis. 5 Credits.**

The purpose of this course is to provide students with opportunities to learn and master basic behavior principles as a foundation to subsequent advanced courses. Students will master and build fluency with the basic principles of applied behavior analysis.

**SPED 571. Applied Behavior Analysis Assessment. 3 Credits.**

This course provides opportunities to build fluency with the basic principles of applied behavior analysis and the application of these principles to conduct functional behavior assessments including experimental functional analyses to determine the maintaining reinforcers for behavior and to plan for behavior change interventions. Students may enroll in either SPSY 671 or SPED 471/SPED 571, but cannot take both for credit.

**SPED 572. Behavior Change Group Settings. 3 Credits.**

This course provides opportunities to build fluency with the basic principles of applied behavior analysis and the application of these principles to develop, implement, and evaluate programs of behavior change in educational settings with a focus on positive behavior interventions and supports.  
Prereq: SPED 570.

**SPED 573. Behavior Change Procedures 1. 3 Credits.**

The purpose of this course is to provide students with an overview of applied behavior analysis based behavior change systems and procedures that will include designing and implementing interventions based on fundamental elements of behavior change.  
Prereq: SPED 570, SPED 571.

**SPED 588. Professional Practices: [Topic]. 1-3 Credits.**

Helps students critically assess their fieldwork and integrate fieldwork and course work in the wider context of the school experience. Repeatable twice.  
Coreq: SPED 606 or SPED 609.

**SPED 601. Research: [Topic]. 1-6 Credits.**

Repeatable.

**SPED 603. Dissertation. 1-16 Credits.**

Repeatable.

**SPED 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**SPED 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**SPED 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable. Recent topics include Advanced Applied Behavioral Analysis, Doctoral Orientation, Program Evaluation, Project Aim.

**SPED 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**SPED 609. Terminal Project. 1-12 Credits.**

Repeatable.

**SPED 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**SPED 611. Early Intervention Practicum I. 3 Credits.**

Supervised field experience activities provide the experiential counterpart to instructive coursework and are a special emphasis of the Early Intervention/Early Childhood Special Education training program.

**SPED 612. Early Intervention Practicum II. 3 Credits.**

Supervised field experience activities provide the experiential counterpart to instructive coursework and are a special emphasis of the Early Intervention/Early Childhood Special Education (EI/ECSE) training program.  
Prereq: SPED 611.

**SPED 622. History of Special Education and Disability. 3 Credits.**

Historical context for contemporary issues in understanding and supporting the lives of people with disabilities and their families.

**SPED 625. Final Supervised Field Experience. 1-15 Credits.**

Repeatable.

**SPED 626. Grant Writing. 1-3 Credits.**

Provides structure and guidance in developing a grant proposal.

**SPED 633. Transition Planning and Instruction I. 3 Credits.**

Focuses on preparing youth for postsecondary education and training. Development of skills for using assessment-planning and content-instruction strategies to assist students with disabilities. Sequence with SPED 634.

**SPED 634. Transition Planning and Instruction II. 3 Credits.**

Focuses on strategies for improving employment and independent-living skills; using individualized assessment and planning strategies, curriculum and instructional strategies, and program delivery to assist students with disabilities. Sequence with SPED 633.

**SPED 653. Student Teaching I K-12. 3 Credits.**

This course provides teacher candidates opportunities to apply evidence-based practices in Special Education and reading instruction. This course meets the requirements outlined by Teacher Standards and Practices Commission for the Reading Intervention endorsement. SPED 588 is taken concurrently.

**SPED 654. Student Teaching II K-12. 4 Credits.**

This course provides teacher candidates opportunities to apply knowledge of evidence-based practices in Special Education while teaching children/adults with disabilities. Teacher candidates are expected to independently generalize and apply foundational skills practiced during Student Teaching I and incorporate new skills. SPED 588 is taken concurrently.  
Prereq: SPED 653.

**SPED 655. Student Teaching III K-12. 3-9 Credits.**

Provides practical experience in teaching students with disabilities in a public-school setting under the direction of cooperating teachers and university supervisors. Repeatable up to seven times for a total of 24 credits.

**SPED 656. Student Teaching K-12 Endorsement. 3 Credits.**

This course provides field-based practice for licensed teachers adding a Special Education endorsement, giving them opportunities to apply knowledge of evidence-based practices in Special Education while teaching children/adults with disabilities. Students take SPED 588 concurrently.

**SPED 657. Student Teaching Reading Endorsement. 3 Credits.**

This course provides field-based practice in reading instruction for licensed teachers adding a Reading Intervention endorsement. It provides opportunities to apply evidence-based practices in reading to design, deliver, and improve reading instruction for all students, including English learners and those with reading difficulties and dyslexia.

**SPED 660. Design of Instruction. 4 Credits.**

Design, development, and evaluation of instructional materials for children with disabilities. Emphasis on analysis and construction of instructional sequences for various learning tasks.

**SPED 670. Philosophy of Applied Behavior Analysis. 3 Credits.**

Introduces students to the philosophical foundations of radical behaviorism, classic and contemporary readings in behavior analysis. Students will be prepared to understand theoretical approaches to understanding behavior, and to interpret behavior in terms of the concepts and principles of behavior analysis.

**SPED 671. Experimental Research in Applied Behavior Analysis. 3 Credits.**

This online graduate level course introduces students to the experimental analysis of behavior. This course will cover basic research with humans and non-human animals that explores behavior analytic principles and mechanisms of learning and behavior.

**SPED 672. Experimental Research Behavior Analysis Lab. 2 Credits.**

This online graduate level course provides students who have taken the experimental analysis of behavior course opportunities to apply knowledge and interpret the results of simulated experiments. This course will model and then have students engage in their own simulated experiments.

Prereq: SPED 570, SPED 670, SPED 671.

**SPED 676. Ethics in Applied Behavior Analysis. 3 Credits.**

This course focuses on the Behavioral Analyst Certification Board Professional and Ethical Compliance Code. It provides a basic knowledge of the Ethical Code as well as different problem-solving frameworks to evaluate difficult situations that may arise during their practice.

**SPED 677. Single Case Research Design. 5 Credits.**

This course focuses on basic and complex single-case experimental design strategies and general procedures, as well as on issues related to clinician-researchers conducting and analyzing single-case research in applied settings.

**SPED 678. Behavior Change Procedures II. 3 Credits.**

This course provides students with an overview of applied behavior analysis based behavior change systems and procedures that will include designing and implementing interventions based on fundamental elements of behavior change. Emphasis is on decreasing, eliminating, and replacing behavior that is challenging to the context.

Prereq: SPED 570, SPED 571, SPED 572, SPED 573.

**SPED 679. Personnel Management. 3 Credits.**

This course focuses on the Behavioral Analyst Certification Board (BACB) Professional and Ethical Compliance Code related to personnel management. Emphasis is consultation strategies that board certified behavior analysts use to liaison with medical professionals, parents and other family members, and trainees in applied behavior analysis.

**SPED 680. Foundations in Early Childhood and Early Intervention. 3 Credits.**

Conceptual underpinnings and practical application of an approach to early intervention that links assessment, intervention, and evaluation.

**SPED 681. Early Intervention for Diverse Families. 3 Credits.**

Covers procedures for family assessment, intervention, and evaluation. Addresses adult communication and management strategies.

**SPED 682. Assessment and Evaluation. 3 Credits.**

Presents assessment and evaluation materials used in early intervention programs and provides methods for using these materials.

**SPED 683. Curriculum in Early Childhood and Early Intervention. 3 Credits.**

Presents curricular materials covering development from birth to six years. Discusses procedures for use and modification.

**SPED 686. Autism in Early Intervention. 2-3 Credits.**

Information is given regarding the etiology of autism, diagnostic/evaluation procedures and current evidence-based strategies for supporting young children with autism spectrum disorder and their families.

**SPED 687. Early Intervention Methods I. 3 Credits.**

Provide a foundation for understanding the components of a linked system of intervention in Early Intervention/Early Childhood Special Education, where practitioners conduct assessments, plan and implement intervention, assess their intervention, and monitor student progress. Sequence with SPED 688, SPED 689.

**SPED 688. Early Intervention Methods II. 3 Credits.**

The Early Intervention/Early Childhood Special Education Individualized Family Service Plan, Individualized Education Program Methods II course is the second of three Methods courses to be taken by EI/ECSE students across the year. Sequence with SPED 687, SPED 689. Prereq: SPED 687.

**SPED 689. Early Intervention Methods III. 3 Credits.**

Early Intervention/Early Childhood Special Education (EI/ECSE) Methods III is the final course in the EI/ECSE Methods series. It is designed to address specific practices that students will use as professionals in EI/ECSE settings. Sequence with SPED 687, SPED 688. Prereq: SPED 688.

**SPED 691. Professional Practices in Early Intervention I. 1 Credit.**

During this seminar students will focus on the structure and process of teaming within Early Intervention/Early Childhood Special Education systems. Additionally, students will participate in team meetings alongside their peers to reflect on and discuss issues related to their practicum experiences.

Prereq: Coreq: SPED 611.

**SPED 692. Professional Practices in Early Intervention II. 1 Credit.**

During this seminar students will focus on Early Intervention/Early Childhood Special Education practices related to transition, intervention planning, implementation of interventions, self-assessment and reflection of practices, and monitoring child progress.

Prereq: SPED 691; coreq: SPED 612.

**SPED 693. Professional Practices in Early Intervention III. 1 Credit.**

During this seminar students will focus on Early Intervention/Early Childhood Special Education practices related to student teaching. The purpose of Professional Practices III is to support students in having a positive and productive student teaching experience.

Prereq: SPED 692; coreq: SPED 625.

**SPED 706. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**SPED 707. Seminar: [Topic]. 1-5 Credits.**

Repeatable.



**SPED 708. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**SPED 709. Terminal Project. 1-16 Credits.**

Repeatable.

## Sports Business Courses

### Courses

**SBUS 199. Special Studies: [Topic]. 1-4 Credits.**

Repeatable. Recent topics include Sports, Business, and Society.

**SBUS 250. Sports Business and Society. 4 Credits.**

This course provides an interdisciplinary treatment of the intersection of sports business and society. It reviews the broader sociology of sport and the critical role sport has played on issues of gender and race both domestically and globally.

Prereq: BA 101.

**SBUS 250N. Sports Business and Society. 4 Credits.**

This course provides an interdisciplinary treatment of the intersection of sports business and society. It reviews the broader sociology of sport and the critical role sport has played on issues of gender and race both domestically and globally.

Prereq: BA 101.

**SBUS 255. The Business of the Olympic Games. 4 Credits.**

An introduction to the contemporary global business model of the Olympic Games including finance economic impact, sales, sponsorship, media technology, government relations, sustainability regional impact, socio-political context, diversity inclusion.

**SBUS 401. Research: [Topic]. 1-4 Credits.**

Repeatable up to three times for a total of 16 credits.

**SBUS 405. Special Problems: [Topic]. 4 Credits.**

Repeatable three times for a maximum of 16 credits.

**SBUS 406. Practicum: [Topic]. 1-4 Credits.**

Repeatable three times for a maximum of 16 credits.

**SBUS 407. Seminar: [Topic]. 4 Credits.**

Repeatable up to three times for a total of 16 credits.

**SBUS 409. Terminal Project. 1-12 Credits.**

Repeatable.

**SBUS 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable up to three times for a total of 16 credits.

**SBUS 450. Sports Marketing. 4 Credits.**

Essentials of effective sports marketing. Includes research, segmentation, product development, pricing, licensing, and communication channels such as advertising, sales promotion, and publicity.

Prereq: MKTG 311.

**SBUS 452. Sports Sponsorship. 4 Credits.**

Detailed consideration of the relationship between sports and corporate sponsorship programs. Focuses on alignment marketing, sponsor value, and sponsorship evaluation.

Prereq: MKTG 311 or 311H.

**SBUS 453. Law and Sports Business. 4 Credits.**

Core legal principles across the sports business spectrum to improve risk and strategic management capabilities, competitive advantage, and critical negotiations.

Prereq: MKTG 311 or 311H.

**SBUS 455. Financing Sports Business. 4 Credits.**

Revenue sources for sports organizations. Includes conventional sources (e.g., tax support, bonds, ticket, media, concession sales) and innovations (e.g., initial public offerings, seat licenses, naming rights).

Prereq: MKTG 311 or 311H.

**SBUS 456. Sports Brand Management. 4 Credits.**

An integrative course that supports skills development for success in managing sports-related businesses and brands. It utilizes critical thinking, creative imagining and professional writing in developing capabilities used in businesses aligned with or in sports.

Prereq: BA 101.

**SBUS 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable up to three times for a total of 16 credits.

**SBUS 601. Research: [Topic]. 1-4 Credits.**

Repeatable up to three times for a total of 16 credits.

**SBUS 605. Reading and Conference: [Topic]. 1-4 Credits.**

Repeatable.

**SBUS 606. Practicum: [Topic]. 1-9 Credits.**

Repeatable three times for a maximum of 16 credits.

**SBUS 607. Seminar: [Topic]. 1-4 Credits.**

Repeatable up to five times.

**SBUS 608. Workshop: [Topic]. 1-4 Credits.**

Repeatable up to three times for a total of 16 credits.

**SBUS 609. Terminal Project. 1-12 Credits.**

Repeatable.

**SBUS 610. Experimental Course: [Topic]. 3 Credits.**

Repeatable. A recent topic is Sports Product Branding, Product Line Management.

**SBUS 645. Sports Product. 3 Credits.**

Examines the companies and organizations of the international sports product industry: manufacturing innovation, company management, branding, retail and wholesale.

**SBUS 650. Marketing Sports Properties. 3 Credits.**

Examines essentials of effective sports marketing. Includes product or property development, legal aspects, segmentation, pricing, and communication channels (e.g., broadcast media).

Prereq: completion of first-year M.B.A. core.

**SBUS 652. Sports Sponsorship Alliances. 3 Credits.**

Detailed consideration of the relation between sports, law, and corporate sponsorship programs. Focuses on alignment marketing issues, strategic communication through sponsorship, sponsor value, and sponsorship valuation.

Prereq: completion of first-year MBA core.

**SBUS 653. Legal Aspects of Sports Business. 3 Credits.**

Examines social responsibility and legal concepts in sports management including constitutional regulatory powers, individual participation rights, drug testing, antitrust, labor rights, intellectual property rights, sponsorships, product and event liability.

**SBUS 655. Economic Aspects of Sports. 3 Credits.**

Comprehensive coverage of traditional and innovative revenue methods available to sports organizations from public and private sources.

Detailed consideration of venue-based income sources (e.g., premium seating, permanent seat licenses).

Prereq: completion of first-year MBA core.



# Sports Product Design Courses

## Courses

**SPD 410. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**SPD 410L. Experimental Course: [Topic]. 3 Credits.**  
Repeatable.

**SPD 415. Soft Goods Technologies. 4 Credits.**  
An intensive, hands-on exploration of the technologies required to innovate soft good products in the sports product design industry.

**SPD 425. Digital Creation Technologies. 4 Credits.**  
A fundamental course to learn the technologies used to define digital blueprints of sports products.

**SPD 503. Thesis. 1-6 Credits.**  
Repeatable.

**SPD 510. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable.

**SPD 510L. Experimental Course: [Topic]. 3 Credits.**  
Repeatable.

**SPD 515. Soft Goods Technologies. 4 Credits.**  
An intensive, hands-on exploration of the technologies required to innovate soft good products in the sports product design industry.

**SPD 525. Digital Creation Technologies. 4 Credits.**  
A fundamental course to learn the technologies used to define digital blueprints of sports products.

**SPD 601. Research: [Topic]. 1-6 Credits.**  
Repeatable.

**SPD 604. Internship: [Topic]. 1-6 Credits.**  
Repeatable.

**SPD 605. Special Problems: [Topic]. 1-12 Credits.**  
Repeatable.

**SPD 606. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.

**SPD 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**SPD 610. Experimental Course: [Topic]. 1-5 Credits.**  
Repeatable.

**SPD 645. Sports Product Design and Business. 4 Credits.**  
SPD 645 focuses on the fundamental business theories used to create, market, and sell sports products.

**SPD 650. Sports Product Materials and Manufacturing. 4 Credits.**  
Explores the materials science, manufacturing, and sustainability theories applied in sports product design.  
Prereq: SPD 684.

**SPD 684. Research Methodology and Innovation Process Studio. 6 Credits.**  
Focuses on the design theories and methodologies used to design innovative sports products.

**SPD 685. Sports Product Design Studio I. 6 Credits.**  
Explores the theories and creative problem-solving methods used to design solutions for sports soft goods. Theories of human thermoregulation, hydroprotection, support, aerodynamics, wearable technology, and kinematics.  
Prereq: SPD 684.

**SPD 686. Sports Product Design Studio II. 6 Credits.**  
Explores the theories and creative problem-solving methods used to design solutions for sports footwear. Mechanical theories of cushioning, stability, support, traction, and slipping-sliding.  
Prereq: SPD 650, SPD 685.

**SPD 687. Sports Product Design Studio III. 6 Credits.**  
Explores the theories and creative problem-solving methods used to design solutions for sports hard goods. Performance theories are considered to generate creative solutions.  
Prereq: SPD 650, SPD 686.

**SPD 688. Innovative Project Strategy Development Studio. 9 Credits.**  
First of a two-term capstone studio that examines the alignment of research, science, materials, and business theories to create an innovative sports product design opportunity.  
Prereq: SPD 650, SPD 687.

**SPD 689. Collaborative Creation and Launch Studio. 9 Credits.**  
Second of a two-term capstone studio that critically examines the alignment of design, materials, science, research, and business theories to create an innovative sports product design opportunity.  
Prereq: SPD 688.

# Sports Product Management Courses

## Courses

**SPM 601. Research: [Topic]. 1-16 Credits.**  
Repeatable.

**SPM 606. Practicum: [Topic]. 1-16 Credits.**  
Repeatable.

**SPM 607. Seminar: [Topic]. 1-5 Credits.**  
Repeatable.

**SPM 608. Workshop: [Topic]. 1-16 Credits.**  
Repeatable.

**SPM 609. Terminal Project. 1-16 Credits.**  
Repeatable.

**SPM 610. Experimental Course: [Topic]. 1-6 Credits.**  
Repeatable when the topic changes.

**SPM 624. Sports Product Branding. 3 Credits.**  
Create profitable brand strategies by focusing on how to plan and evaluate brand strategies that create value in the long run.

**SPM 627. Sports Product Line Management. 3 Credits.**  
Core principles of product creation and merchandising from concept and ideation to delivery of product to retail and consumer. Translate athlete and consumer insights into solutions.

**SPM 631M. Human Performance and Sports Products. 3 Credits.**  
Exploration of sciences of human performance: physiology and kinesiology, which inform the Sports Product Industry at the level of product development, product design and marketing. Multilisted with HPHY 631M.

**SPM 637. Sports Product Development. 3 Credits.**  
Principles of product development process including new materials research, costing, product prototyping, testing, commercialization, and manufacturing. Identify issues related to product planning and strategy execution.

**SPM 640. Sports Marketing Strategy. 3 Credits.**

Develop the skills to think like a seasoned marketer. Learn factors to consider in the creation and execution of a strategic marketing plan.

**SPM 653. Law and Ethics in Sports Product Management. 3 Credits.**

Examines social responsibility and legal concepts in sports management including constitutional regulatory powers, individual participation rights, drug testing, antitrust, labor rights, intellectual property rights, sponsorships, product and event liability. Students may not get credit for both SPM 653 and SBUS 653.

## Statistics Courses

### Courses

**STAT 243Z. Elementary Statistics I. 4 Credits.**

A first course in statistics focusing on the interpretation and communication of statistical concepts. Introduces exploratory data analysis, descriptive statistics, sampling methods and distributions, point and interval estimates, hypothesis tests for means and proportions, and elements of probability and correlation. Technology will be used when appropriate. Previously MATH 243. Students cannot receive credit for both STAT 243Z and MATH 425.

Prereq: MATH 101 or satisfactory placement test score; MATH 111Z recommended; a programmable calculator capable of displaying function graphs.

## Swahili Courses

### Courses

**SWAH 101. First Year Swahili. 5 Credits.**

Introduction to Swahili with emphasis on speaking, reading, writing and comprehension. Sequence with SWAH 102, SWAH 103.

**SWAH 102. First-Year Swahili. 5 Credits.**

Introduction to Swahili with emphasis on speaking, reading, writing, and comprehension. Sequence with SWAH 101, SWAH 103.

Prereq: SWAH 101 or equivalent.

**SWAH 103. First-Year Swahili. 5 Credits.**

Introduction to Swahili with emphasis on speaking, reading, writing, and comprehension. Sequence with SWAH 101, SWAH 102.

Prereq: SWAH 102.

**SWAH 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**SWAH 201. Second-Year Swahili. 5 Credits.**

Continued development of Swahili language skills with emphasis on African culture. Sequence with SWAH 202, SWAH 203.

Prereq: SWAH 103 or equivalent.

**SWAH 202. Second-Year Swahili. 5 Credits.**

Continued development of Swahili language skills with emphasis on African culture. Sequence with SWAH 201, SWAH 203.

Prereq: SWAH 201 or equivalent.

**SWAH 203. Second Year Swahili. 5 Credits.**

Continued development of Swahili language skills with emphasis on African culture. Sequence with SWAH 201, SWAH 202.

Prereq: SWAH 202.

**SWAH 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**SWAH 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

## Swedish Courses

### Courses

**SWED 101. First-Year Swedish. 5 Credits.**

Thorough grammatical foundation in idiomatic Swedish with emphasis on both reading and speaking. Sequence.

**SWED 102. First-Year Swedish. 5 Credits.**

Thorough grammatical foundation in idiomatic Swedish with emphasis on both reading and speaking.

Prereq: SWED 101.

**SWED 103. First-Year Swedish. 5 Credits.**

Thorough grammatical foundation in idiomatic Swedish with emphasis on both reading and speaking.

Prereq: SWED 102.

**SWED 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**SWED 201. Second-Year Swedish. 4 Credits.**

Review of grammar; composition, conversation. Readings from contemporary texts in Swedish. Sequence.

Prereq: SWED 103.

**SWED 202. Second-Year Swedish. 4 Credits.**

Review of grammar; composition, conversation. Readings from contemporary texts in Swedish.

Prereq: SWED 201.

**SWED 203. Second-Year Swedish. 4 Credits.**

Review of grammar; composition, conversation. Readings from contemporary texts in Swedish.

Prereq: SWED 202.

**SWED 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**SWED 401. Research: [Topic]. 1-16 Credits.**

Repeatable.

**SWED 403. Thesis. 1-12 Credits.**

Repeatable.

**SWED 405. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**SWED 406. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**SWED 409. Terminal Project. 1-12 Credits.**

Repeatable.

## Theater Arts Courses

### Courses

**TA 121. Scenery and Lighting Laboratory. 1-2 Credits.**

Building and painting scenery, hanging lights for productions. Repeatable thrice for maximum of 8 credits.

**TA 122. Costume Laboratory. 1-2 Credits.**

Building costumes for productions. Repeatable thrice for maximum of 8 credits.

**TA 124. Production. 1-2 Credits.**

Working backstage for productions. Repeatable thrice for maximum of 8 credits.

**TA 196. Field Studies: [Topic]. 1-2 Credits.**

Repeatable.

**TA 198. Workshop: [Topic]. 1-2 Credits.**

Repeatable.

**TA 199. Special Studies: [Topic]. 1-5 Credits.**

Freshman seminars. Repeatable.

**TA 210. Introduction to Design. 4 Credits.**

Introduction to the principles of design as applied to the arts of theater design, scenery, costumes, and lighting. Creative projects to develop concepts of visual imagery. Includes laboratory.

**TA 211. Theater Production I. 4 Credits.**

Introduction to the mechanics of mounting a theatrical production including basic construction of scenery and props and use of lighting equipment. Includes laboratory.

**TA 212. Theater Production II. 4 Credits.**

Introduction to costumes and makeup. Costume construction includes basic hand and machine sewing techniques. Beginning makeup covers ingenue, beards, wounds, and fantasy. Includes laboratory.

**TA 250. Introduction to Acting. 4 Credits.**

Principles of warm-ups, individual inventory, Stanislavski system, character analysis, and rehearsal procedure.

**TA 251. Acting Scene Study. 4 Credits.**

Continuation of performance principles for contemporary realistic theater with addition of dramaturgical scene study.  
Prereq: TA 250.

**TA 252. Acting Auditions. 4 Credits.**

Development of improvisational skills while establishing a working file of monologue material.  
Prereq: TA 250.

**TA 271. Introduction to Theater Arts. 4 Credits.**

Play and script structure, contemporary aesthetic attitudes, and the value of theater arts to society and the individual.

**TA 321. Scenery Production. 1-3 Credits.**

Production or performance crew head for scenery. Repeatable thrice for maximum of 12 credits.  
Prereq: TA 211

**TA 322. Costume Production. 1-3 Credits.**

Production or performance crew head for costumes. Repeatable thrice for maximum of 12 credits.  
Prereq: TA 212

**TA 323. Lighting Production. 1-3 Credits.**

Production or performance crew head for lighting. Repeatable thrice for maximum of 12 credits.  
Prereq: TA 211

**TA 324. Production. 1-3 Credits.**

Stage manager, assistant director, or dramaturgy position. Repeatable thrice for maximum of 12 credits.

**TA 325. Performance. 1-3 Credits.**

Preparation, rehearsal, and performance of an acting role. Repeatable thrice for maximum of 12 credits.

**TA 367. History of the Theater I. 4 Credits.**

Development of the theater from its origins to the present. Emphasizes the history of dramatic literature, criticism, theater architecture, design, and performance.

**TA 368. History of the Theater II. 4 Credits.**

Development of the theater from its origins to the present. Emphasizes the history of dramatic literature, criticism, theater architecture, design, and performance.

**TA 369. History of the Theater III. 4 Credits.**

Development of the theater from its origins to the present. Emphasizes the history of dramatic literature, criticism, theater architecture, design, and performance.

**TA 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

**TA 401. Research: [Topic]. 1-4 Credits.**

Repeatable nine times when the topic changes for a maximum of 40 credits.

**TA 404. Internship: [Topic]. 1-12 Credits.**

Repeatable.

**TA 405. Reading and Conference: [Topic]. 1-4 Credits.**

Repeatable nine times when the topic changes for a maximum of 40 credits.

**TA 406. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**TA 407. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**TA 408. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**TA 409. Terminal Project. 1-12 Credits.**

Repeatable.

**TA 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**TA 411. Costume History I. 4 Credits.**

History of Western clothing in cultural context. Egyptian to Renaissance.

**TA 412. Costume History II. 4 Credits.**

History of Western clothing in cultural context. Mid-Renaissance to romanticism.

**TA 416. Costume Design. 4 Credits.**

Beginning design concepts and various artistic media as applicable to costume design and rendering techniques.  
Prereq: TA 210.

**TA 418. Costume Pattern Drafting. 4 Credits.**

Designing patterns through flat patterning and draping techniques. Practical experience in pattern development and execution.  
Prereq: TA 212.

**TA 419. Costume Construction. 4 Credits.**

Practical problems encountered in building and decorating costumes for the stage.  
Prereq: TA 212.

**TA 441. Scene Design: Single Set. 4 Credits.**

Elements of scene design; the scene designer's role. Creating a ground plan, measured perspective techniques, elevations, design styles. Design process and procedures related to the proscenium stage only.  
Prereq: TA 210.

**TA 445. Advanced Projects in Theater Technology: [Topic]. 4 Credits.**

Specialized areas of theater technology, one topic per term. Topics include scene painting, stage management, props, and computer drafting. Repeatable seven times when topic changes for maximum of 32 credits.

**TA 452. Advanced Acting: [Topic]. 4 Credits.**

Topics in the performance of a specific genre or authors, or in specific performance technique, including voice, movement, and musical skills. Repeatable when topic changes.

Prereq: TA 251, TA 252, TA 271; one from TA 210, TA 211, TA 212.

**TA 467. Lighting for the Stage. 4 Credits.**

Designing lighting for the stage; technical and aesthetic problems.

**TA 470. Majors Seminar. 4 Credits.**

Capstone seminar for junior theater majors; readings and research in new theater trends, aesthetics, professional and higher academic opportunities.

**TA 471. Studies in Theater and Culture: [Topic]. 4 Credits.**

Dramatic literature and historical cultural concepts. Establishes a cultural context for periods of drama, using arts materials and socioeconomic factors to clarify aesthetic attitudes and practices of theater. Repeatable thrice when topic changes for maximum of 16 credits.

**TA 472. Multicultural Theater: [Topic]. 4 Credits.**

Origins and development of contributions in theater and drama by various cultures including Latino, Chicano, African American, Asian American, and Native American. Repeatable four times when topic changes for maximum of 20 credits.

**TA 490. Theater Capstone: [Topic]. 4 Credits.**

Required for the major and may be fulfilled by successful completion of any one of four topics: Play Direction, Playwriting, Dramaturgy, Devising. Repeatable up to 3 times for a total of 16 credits.

Prereq: TA 210, TA 211, TA 212, TA 250, TA 271, and one from the theatre history series: TA 367, TA 368, TA 369.

**TA 503. Thesis. 1-16 Credits.**

Repeatable.

**TA 507. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**TA 508. Workshop: [Topic]. 1-21 Credits.**

Repeatable.

**TA 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**TA 511. Costume History I. 4 Credits.**

History of Western clothing in cultural context. Egyptian to Renaissance.

**TA 512. Costume History II. 4 Credits.**

History of Western clothing in cultural context. Mid-Renaissance to romanticism.

**TA 516. Costume Design. 4 Credits.**

Beginning design concepts and various artistic media as applicable to costume design and rendering techniques.

**TA 518. Costume Pattern Drafting. 4 Credits.**

Designing patterns through flat patterning and draping techniques. Practical experience in pattern development and execution.

**TA 519. Costume Construction. 4 Credits.**

Practical problems encountered in building and decorating costumes for the stage.

**TA 541. Scene Design: Single Set. 4 Credits.**

Elements of scene design; the scene designer's role. Creating a ground plan, measured perspective techniques, elevations, design styles. Design process and procedures related to the proscenium stage only.

**TA 545. Advanced Projects in Theater Technology: [Topic]. 4 Credits.**

Specialized areas of theater technology, one topic per term. Topics include scene painting, stage management, props, and computer drafting. Repeatable seven times when topic changes for maximum of 32 credits.

**TA 552. Advanced Acting: [Topic]. 4 Credits.**

Topics in the performance of a specific genre or authors, or in specific performance technique, including voice, movement, and musical skills. Repeatable when topic changes.

**TA 567. Lighting for the Stage. 4 Credits.**

Designing lighting for the stage; technical and aesthetic problems.

**TA 571. Studies in Theater and Culture: [Topic]. 4 Credits.**

Dramatic literature and historical cultural concepts. Establishes a cultural context for periods of drama, using arts materials and socioeconomic factors to clarify aesthetic attitudes and practices of theater. Repeatable thrice when topic changes for maximum of 16 credits.

**TA 572. Multicultural Theater: [Topic]. 4 Credits.**

Origins and development of contributions in theater and drama by various cultures including Latino, Chicano, African American, Asian American, and Native American. Repeatable four times when topic changes for maximum of 20 credits.

**TA 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**TA 603. Dissertation. 1-16 Credits.**

Repeatable.

**TA 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**TA 606. Practicum: [Topic]. 1-12 Credits.**

Repeatable.

**TA 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**TA 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**TA 609. Terminal Project. 1-12 Credits.**

Repeatable.

**TA 610. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

**TA 651. Theory of Dramatic Production. 4 Credits.**

Theory of acting.

## Undergraduate Studies Courses

### Courses

**UGST 101. Introduction to University Study. 3 Credits.**

Helps students learn, adapt, and apply effective study skills, including strategies for time management, note taking, critical reading, writing, and test preparation.

**UGST 109. First Year Experience: [Topic]. 1 Credit.**

Repeatable.

**UGST 111. Academic Residential Community—Arts and Letters: [Topic]. 1-4 Credits.**

Introduces students to the academic and social aspects of university life and to the discipline of Arts and Letters with a small group environment with Arts and Letters faculty. Repeatable twice for a maximum of 4 credits.

**UGST 112. Academic Residential Community—Social Science: [Topic]. 1-4 Credits.**

Introduces students to the academic and social aspects of university life and to the discipline of Social Sciences with a small group environment with Social Sciences faculty. Repeatable twice for a maximum of 4 credits.

**UGST 113. Academic Residential Community—Science: [Topic]. 1-4 Credits.**

Introduces students to the academic and social aspects of university life and to the discipline of Science with a small group environment with Sciences faculty. Repeatable twice for a maximum of 4 credits.

**UGST 198. Workshop: [Topic]. 1-12 Credits.**  
Repeatable.**UGST 199. Special Studies: [Topic]. 1-4 Credits.**  
Repeatable.**UGST 200M. Temporary Multilisted Course. 4 Credits.****UGST 399. Special Studies: [Topic]. 1-4 Credits.**  
Repeatable.**UGST 400M. Temporary Multilisted Course. 1-5 Credits.**  
Repeatable.**UGST 404. Internship: [Topic]. 1-12 Credits.**  
Repeatable.**UGST 405. Reading and Conference: [Topic]. 1-5 Credits.**  
Repeatable.**UGST 406. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.**UGST 407. Seminar: [Topic]. 1-4 Credits.**  
Repeatable.**UGST 408. Workshop: [Topic]. 1-4 Credits.**  
Repeatable.**UGST 409. Terminal Project. 1-12 Credits.**  
Repeatable.**UGST 410. Experimental Course. 1-4 Credits.**  
Repeatable.**UGST 606. Practicum: [Topic]. 1-12 Credits.**  
Repeatable.**UGST 609. Terminal Project. 1-12 Credits.**  
Repeatable.

## Women's and Gender Studies Courses

### Courses

**WGS 101. Introduction to Women's and Gender Studies. 4 Credits.**

Interdisciplinary examination of the diverse experiences, status, and contributions of women in the United States. Topics include social construction of gender, race, sexualities, work, class, violence, and health.

**WGS 198. Workshop: [Topic]. 1,2 Credit.**  
Repeatable.**WGS 199. Special Studies: [Topic]. 1-5 Credits.**  
Repeatable.**WGS 201. Introduction to Queer Studies. 4 Credits.**

Introduction to the study of sexuality and society from a queer studies interdisciplinary perspective.

**WGS 221. Bodies and Power. 4 Credits.**

Focuses on gender, the body, and dis/ability as a particular nexus of experience and social meaning, influenced as well by race, sexuality, age and class. This course considers bodies and how we understand them within contexts shaped by social relations and systems of power.

**WGS 250. Gender, Literature, and Culture. 4 Credits.**

Examines literary and other cultural representations of gendered experiences using novels, short stories, poetry, plays, and visual cultural production.

**WGS 251. Transnational and Indigenous Feminisms. 4 Credits.**

Introductory survey of transnational and Indigenous feminist scholarship, two intersecting strains of feminism that address the workings of culture, nationalism, and gender in multiple contexts. Explores cross-section of key issues and perspectives using interdisciplinary lenses and methodologies employed by scholars in transnational and Indigenous studies.

**WGS 261. Gender and Popular Culture. 4 Credits.**

Drawing on contemporary popular culture texts, including films, music, and TV shows, introduces students to feminist perspectives on pop culture representations, production, and reception. Engages with pop culture as a meaningful site for the construction of gender in intersection with sexuality, race, nation, and bodies.

**WGS 303. Women and Gender in American History. 4 Credits.**

Focuses on women and gender in America, highlighting how diverse women have experienced gender roles and sexism since the 17th century.

**WGS 311. Black Feminist Theories. 4 Credits.**

This course introduces students to key texts, issues, and debates in contemporary, post-civil rights era black feminist theories and thought. A particular focus of this course is black feminists' historic interventions into conventional understandings of "theory" and dominant notions of "theory-making."

**WGS 315. History and Development of Feminist Theory. 4 Credits.**

Feminist theory from the Enlightenment through the Second Wave, with special emphasis on the diverse theories of the 1960s to the present. Prereq: WGS 101.

**WGS 321. Feminist Perspectives: Identity, Race, Culture. 4 Credits.**

Examines intersections of race and ethnicity, class, sexuality, and gender in the history and lives of United States women of color. Explores definitions of community, culture, and identity. Prereq: one course WGS or ES 101.

**WGS 322. Queer Theory. 4 Credits.**

Surveys key terms and texts of the interdisciplinary fields that constitute queer theory; recent debates in scholarship and popular culture on gender, sexuality, race, disability, and other identities.

**WGS 331. Science, Technology, and Gender. 4 Credits.**

Topics include the role of gender in the practice of science and the impact of sexism and racism on the development of science and technology.

Prereq: WGS 101 or equivalent.



**WGS 341. Women, Work, and Class. 4 Credits.**

Explores contexts and cultural attitudes shaping the women's market and domestic labor including race, sexuality, age, and class as well as occupational segregation and control.

**WGS 350. Literature as Feminist Theory. 4 Credits.**

Analyzes literary and media texts while considering questions and intersections of race, gender, sexuality, ability, class, nation, culture, and power central to the field of women and gender studies, and demonstrates how these intersections within literary texts are sites of knowledge production in feminist theory.

Prereq: one 200 level WGS course.

**WGS 351. Decolonial Feminisms. 4 Credits.**

Exploration of feminist activism and women's movements globally, organizing to challenge the state, civil society, international agencies, and corporations for a more just world.

Prereq: one 200-level WGS course.

**WGS 361. Gender, Film, and the Media. 4 Credits.**

Students read, view, examine, discuss, and write about film and media in terms of gender and feminist and queer theory. Offered alternate years.

**WGS 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable up to five times.

**WGS 401. Research: [Topic]. 1-16 Credits.**

Repeatable.

**WGS 403. Thesis. 1-12 Credits.**

Repeatable with program director's and thesis adviser's consent for maximum of 12 credits.

**WGS 405. Reading and Conference: [Topic]. 1-5 Credits.**

Repeatable.

**WGS 406. Practicum: [Topic]. 1-5 Credits.**

Repeatable.

**WGS 407. Seminar: [Topic]. 1-5 Credits.**

A current topic is Feminist Research Issues. Repeatable when topic changes.

**WGS 408. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**WGS 409. Terminal Project. 1-12 Credits.**

Repeatable.

**WGS 410. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**WGS 411. Feminist Praxis. 4 Credits.**

Combined internship and seminar explores the history and politics of community agencies and the relationship of feminist theory to practice.

Prereq: one course WGS or equivalent.

**WGS 421. Bodies and Embodiment. 4 Credits.**

Focuses on the complex relationships between gender, bodies, and society from theoretical and empirical perspectives. Theories examine the body through an intersectional lens to understand social construction, cultural symbolism, and political struggles, especially within institutional contexts like the media, medicine, and the market.

Prereq: one 300-level WGS course.

**WGS 422. Sexuality Studies: [Topic]. 4 Credits.**

Various topics in sexuality studies, including the relationship between gender and sexuality and between queer studies and women's and gender studies. Repeatable twice when topic changes for maximum of 12 credits.

Prereq: WGS 101 or WGS 201.

**WGS 432. Gender, Environment, and Development. 4 Credits.**

Surveys gender and political, economic, and cultural strategies for development and environmental change around the world.

Pre- or coreq: WGS 101.

**WGS 450. Literature and Feminist World-Making. 4 Credits.**

Examines feminist world-making in literary texts as a form of political theory, a strategy for thinking critically about the present, imagining the world under different circumstances, and building an alternative world from a feminist perspective.

Prereq: one 300-level WGS course.

**WGS 451. Global Perspectives on Gender [Topic]. 4 Credits.**

Designed to deepen understanding of diverse global issues and perspectives related to women's and gender studies. Repeatable twice when topic changes for a maximum of 12 credits.

**WGS 507. Seminar: [Topic]. 1-5 Credits.**

A current topic is Feminist Research Issues. Repeatable when topic changes.

**WGS 508. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**WGS 510. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**WGS 511. Feminist Praxis. 4 Credits.**

Combined internship and seminar explores the history and politics of community agencies and the relationship of feminist theory to practice.

Prereq: one course WGS or equivalent.

**WGS 521. Bodies and Embodiment. 4 Credits.**

Focuses on the complex relationships between gender, bodies, and society from theoretical and empirical perspectives. Theories examine the body through an intersectional lens to understand social construction, cultural symbolism, and political struggles, especially within institutional contexts like the media, medicine, and the market.

**WGS 522. Sexuality Studies: [Topic]. 4 Credits.**

Various topics in sexuality studies, including the relationship between gender and sexuality and between queer studies and women's and gender studies. Repeatable twice when topic changes for maximum of 12 credits.

**WGS 532. Gender, Environment, and Development. 4 Credits.**

Surveys gender and political, economic, and cultural strategies for development and environmental change around the world.

**WGS 550. Literature and Feminist World-Making. 4 Credits.**

Examines feminist world-making in literary texts as a form of political theory, a strategy for thinking critically about the present, imagining the world under different circumstances, and building an alternative world from a feminist perspective.

**WGS 551. Global Perspectives on Gender [Topic]. 4 Credits.**

Designed to deepen understanding of diverse global issues and perspectives related to women's and gender studies. Repeatable twice when topic changes for a maximum of 12 credits.

**WGS 601. Research: [Topic]. 1-16 Credits.**

Repeatable.

**WGS 605. Reading and Conference: [Topic]. 1-16 Credits.**

Repeatable.

**WGS 606. Practicum: [Topic]. 1-16 Credits.**

Repeatable.

**WGS 607. Seminar: [Topic]. 1-5 Credits.**

Repeatable.

**WGS 608. Workshop: [Topic]. 1-16 Credits.**

Repeatable.

**WGS 609. Terminal Project. 1-12 Credits.**

Repeatable.

**WGS 610. Experimental Course: [Topic]. 1-4 Credits.**

Repeatable.

**WGS 615. Contemporary Feminist Theory. 5 Credits.**

This interdisciplinary graduate seminar covers foundational texts as well as critical cutting-edge developments in feminist theory. The course centers intersectional, transnational, and de-colonial theoretical frameworks.

## Writing Courses

### Courses

**WR 121Z. Composition I. 4 Credits.**

WR 121Z engages students in the study and practice of critical thinking, reading, and writing. The course focuses on analyzing and composing across varied rhetorical situations and in multiple genres. Students will apply key rhetorical concepts flexibly and collaboratively throughout their writing and inquiry processes. Previously WR 121.

Prereq: SAT Reading or SAT Writing score below 37, or ACT verbal score below 32, or equivalent.

**WR 122Z. Composition II. 4 Credits.**

WR 122Z builds on concepts and processes emphasized in WR 121Z, engaging with inquiry, research, and argumentation in support of students' development as writers. The course focuses on composing and revising in research-based genres through the intentional use of rhetorical strategies. Students will find, evaluate, and interpret complex material, including lived experience; use this to frame and pursue their own research questions; and integrate material purposefully into their own compositions. Previously WR 122.

Prereq: WR 121Z or equivalent.

**WR 123. College Composition III. 4 Credits.**

Written reasoning in the context of research. Practice in writing documented essays based on the use of sources. Continuing focus on revising and editing.

Prereq: WR 121Z or equivalent.

**WR 195. Writing Tutorial. 1 Credit.**

Provides students concurrently enrolled in WR 121Z with one-on-one tutoring. Enrollment priority based on entrance exam (SAT or ACT) scores. Repeatable once.

Coreq: WR 121Z.

**WR 198. Laboratory Projects: [Topic]. 1-12 Credits.**

Repeatable.

Prereq: WR 122Z or equivalent.

**WR 199. Special Studies: [Topic]. 1-5 Credits.**

Repeatable up to five times.

**WR 312. Principles of Tutoring Writing. 4 Credits.**

The practice and ethics of tutoring writing in the context of writing in various academic disciplines. Theories of teaching, tutoring techniques, and assessment of writing.

**WR 320. Scientific and Technical Writing. 4 Credits.**

Emphasis on form, function, and style of scientific, professional, and technical writing; weekly writing assignments include proposals, reports, definitions, instructions, summaries. Use of documentation in publication.

Prereq: completion of university writing requirement; junior standing.

**WR 321. Business Communications. 4 Credits.**

Practice in writing and analyzing internal and external messages common to business, industry, and professions. Suggested for business and management students.

Prereq: completion of university writing requirement; junior standing.

**WR 399. Special Studies: [Topic]. 1-5 Credits.**

Repeatable.

Prereq: sophomore standing.

**WR 408. Laboratory Projects: [Topic]. 1-3 Credits.**

Supervised writing projects in nonfiction prose. Repeatable up to five times.

**WR 410. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

Prereq: Junior standing.

**WR 423. Advanced Composition. 4 Credits.**

Emphasis on critical thinking skills and rhetorical strategies for advanced written reasoning in different academic disciplines.

Prereq: Completion of University Writing Requirement; junior standing.

**WR 508. Independent Writing Projects. 1-12 Credits.**

Supervised writing projects in nonfiction prose. Repeatable up to five times.

**WR 510. Experimental Course: [Topic]. 1-5 Credits.**

Repeatable.

# Academic Calendar

---

## Term-Based Academic Calendar

### Fall Term 2023

Initial registration: May 22 - June 1

**Classes begin:** September 26 (In observance of Yon Kippur, classes begin on Tuesday)

Last day to drop courses without recorded "W": September 30

Last day to register or add courses: October 2

**Veterans Day holiday:** November 10

**Thanksgiving vacation:** November 23 - 24

Fall term final examinations: December 4 - 8

Winter vacation: December 9 - January 7

### Winter 2024

Initial registration: November 13 - 22

**Classes begin:** January 8

Last day to drop courses without recorded "W": January 13

Last day to register or add courses: January 15

**Martin Luther King Jr. Day holiday:** January 15

Winter term final examinations: March 18 - 22

Spring vacation: March 23 - 31

### Spring 2024

Initial registration: February 26 - March 6

**Classes begin:** April 1

Last day to drop courses without recorded "W": April 6

Last day to register or add courses: April 8

**Memorial Day holiday:** May 27

Spring term final examinations: June 10 - 14

Commencement ceremony: June 17

**Juneteenth holiday:** June 19

### Summer Session 2024

Initial registration: May 6 - 10

**Juneteenth holiday:** June 19

**Classes begin:** June 24

**Independence Day holiday:** July 4

Eight-week session ends: August 16

**Labor Day holiday:** September 2

Twelve-week session ends: September 13

### Fall Term 2024

Initial registration: May 20 - 30

**Classes begin:** September 30

Last day to drop courses without recorded "W": October 5

Last day to register or add courses: October 7

**Veterans Day holiday:** November 11

**Thanksgiving vacation:** November 28 - 29

Fall term final examinations: December 9 - 13

Winter vacation: December 14 - January 5

## Semester-Based Law School Academic Calendar

Fall 2023 & Spring 2024 Semester Registration: April 19, 2023

Fall 2024 & Spring 2025 Semester Registration: April 17, 2024

### Fall Semester 2023

**Classes Begin:** August 21

Last day to drop courses without recorded "W": August 28

Last day to register or add courses: August 30

**Veterans Day holiday:** November 10

**Thanksgiving vacation:** November 23 - 24

Semester examinations: December 5 - 14

### Spring Semester 2024

**Classes begin:** January 16

**Martin Luther King Jr. Day holiday:** January 15

Last day to drop courses without recorded "W": January 23

Last day to register or add courses: January 25

**Spring Vacation:** March 23 - 31

Semester examinations: May 2 - 13

Commencement: May 18

### Summer Semester 2024

**Classes begin:** May 28

**Juneteenth holiday:** June 19

**Independence Day holiday:** July 4

First 5-Week Final Exams: July 3, July 5 - 7

Second 5-Week/10-Week Final Exams: August 5 - 9

# Catalog Archive

---

For earlier editions of the *University of Oregon Catalog*, visit the website for the Office of the Registrar (<https://registrar.uoregon.edu/uo-course-catalog-archive-and-course-descriptions/>).

# Index

---

## A

|                                                             |     |                                                          |     |
|-------------------------------------------------------------|-----|----------------------------------------------------------|-----|
| About the University of Oregon .....                        | 10  | Art + Design .....                                       | 472 |
| Academic and Career Planning .....                          | 39  | Art and Technology (BA/BS) .....                         | 476 |
| Academic Calendar .....                                     | 880 | Art and Technology (BFA) .....                           | 478 |
| Academic English for International Students Courses .....   | 660 | Art (BA/BS) .....                                        | 473 |
| Academic Honors .....                                       | 29  | Art (BFA) .....                                          | 475 |
| Academic Resources and Student Services .....               | 656 | Art Courses .....                                        | 673 |
| Accounting .....                                            | 440 | Art History (BA) .....                                   | 484 |
| Accounting (BA/BS) .....                                    | 424 | Art History Courses .....                                | 674 |
| Accounting Courses .....                                    | 661 | Art History (MA) .....                                   | 486 |
| Accounting (MActg) .....                                    | 434 | Art History Minor .....                                  | 486 |
| Accounting (PhD) .....                                      | 439 | Art History (PhD) .....                                  | 487 |
| Admissions .....                                            | 13  | Art (MFA) .....                                          | 479 |
| Advertising and Brand Responsibility (MA) .....             | 551 | Art Minor .....                                          | 479 |
| African Studies .....                                       | 295 | Art: Art & Technology Courses .....                      | 676 |
| African Studies Courses .....                               | 662 | Art: Ceramics Courses .....                              | 678 |
| African Studies Graduate Specialization .....               | 297 | Art: Fibers Courses .....                                | 679 |
| African Studies Minor .....                                 | 295 | Art: Metalsmithing and Jewelry Courses .....             | 679 |
| American English Institute .....                            | 59  | Art: Painting Courses .....                              | 680 |
| American Law (LLM) .....                                    | 562 | Art: Photography Courses .....                           | 681 |
| American Sign Language Courses .....                        | 663 | Art: Printmaking Courses .....                           | 682 |
| Anthropology .....                                          | 297 | Art: Sculpture Courses .....                             | 682 |
| Anthropology (BA/BS) .....                                  | 299 | Asian Studies .....                                      | 303 |
| Anthropology Courses .....                                  | 663 | Asian Studies (BA) .....                                 | 304 |
| Anthropology Minor .....                                    | 302 | Asian Studies Courses .....                              | 683 |
| Anthropology (PhD) .....                                    | 303 | Asian Studies Graduate Specialization .....              | 311 |
| Applied Behavior Analysis (MS) .....                        | 534 | Asian Studies (MA/MS) .....                              | 310 |
| Applied Physics (MS) .....                                  | 638 | Astronomy Courses .....                                  | 684 |
| Arabic Courses .....                                        | 668 |                                                          |     |
| Arabic Studies Minor .....                                  | 153 | <b>B</b>                                                 |     |
| Architecture .....                                          | 446 | Bachelor's Degree Requirements .....                     | 25  |
| Architecture and Environment .....                          | 446 | Ballmer Institute for Children's Behavioral Health ..... | 633 |
| Architecture and Environment Graduate Specializations ..... | 454 | Behavioral Health Courses .....                          | 684 |
| Architecture (BArch) .....                                  | 448 | Biochemistry (BA/BS) .....                               | 209 |
| Architecture Courses .....                                  | 669 | Biochemistry Minor .....                                 | 217 |
| Architecture (MArch) .....                                  | 450 | Bioengineering Courses .....                             | 686 |
| Architecture Minor .....                                    | 449 | Bioengineering Minor .....                               | 637 |
| Architecture (MS) .....                                     | 452 | Bioengineering (PhD) .....                               | 639 |
| Architecture (PhD) .....                                    | 452 | Biology .....                                            | 195 |
| Art .....                                                   | 472 | Biology (BA/BS) .....                                    | 197 |
|                                                             |     | Biology Courses .....                                    | 687 |
|                                                             |     | Biology Minor .....                                      | 206 |
|                                                             |     | Biology (MS) .....                                       | 206 |
|                                                             |     | Biology (MS) .....                                       | 639 |



|                                       |     |
|---------------------------------------|-----|
| Biology (PhD) .....                   | 207 |
| Black Studies .....                   | 312 |
| Black Studies Courses .....           | 692 |
| Business Administration (BA/BS) ..... | 427 |
| Business Administration Courses ..... | 692 |
| Business Administration Minor .....   | 431 |
| Business Environment Courses .....    | 694 |
| Business Law (LLM) .....              | 563 |

## C

|                                                    |     |
|----------------------------------------------------|-----|
| Catalog .....                                      | 3   |
| Catalog Archive .....                              | 881 |
| Charles H. Lundquist College of Business .....     | 422 |
| Chemistry and Biochemistry .....                   | 207 |
| Chemistry (BA/BS) .....                            | 213 |
| Chemistry Courses .....                            | 695 |
| Chemistry Minor .....                              | 218 |
| Chemistry (MS) .....                               | 218 |
| Chemistry (MS) .....                               | 639 |
| Chemistry (PhD) .....                              | 219 |
| Child Behavioral Health (BA/BS) .....              | 633 |
| Child Behavioral Health Microcredential .....      | 634 |
| Chinese (BA) .....                                 | 87  |
| Chinese Courses .....                              | 700 |
| Chinese Minor .....                                | 95  |
| Cinema Studies .....                               | 60  |
| Cinema Studies Courses .....                       | 702 |
| Classical Civilization Minor .....                 | 73  |
| Classics .....                                     | 64  |
| Classics (BA) .....                                | 64  |
| Classics Courses .....                             | 704 |
| Classics (MA) .....                                | 75  |
| Climate Studies Minor .....                        | 351 |
| College of Arts and Sciences .....                 | 59  |
| College of Arts and Sciences Courses .....         | 705 |
| College of Design .....                            | 446 |
| College of Design Courses .....                    | 705 |
| College of Education .....                         | 503 |
| Comics and Cartoon Studies Minor .....             | 107 |
| Commerce and Society Minor .....                   | 342 |
| Communication and Media Studies (MA/MS) .....      | 552 |
| Communication and Media Studies (PhD) .....        | 553 |
| Communication Disorders and Sciences (BA/BS) ..... | 529 |

|                                                                         |     |
|-------------------------------------------------------------------------|-----|
| Communication Disorders and Sciences Courses .....                      | 706 |
| Communication Disorders and Sciences (MS) .....                         | 534 |
| Communication Disorders and Sciences (PhD) .....                        | 536 |
| Communication Ethics Graduate Certificate .....                         | 557 |
| Community and Regional Planning (MCRP) .....                            | 494 |
| Comparative Literature .....                                            | 76  |
| Comparative Literature (BA/BS) .....                                    | 77  |
| Comparative Literature Courses .....                                    | 708 |
| Comparative Literature Minor .....                                      | 80  |
| Comparative Literature (PhD) .....                                      | 80  |
| Computer Information Technology Courses .....                           | 709 |
| Computer Information Technology Minor .....                             | 227 |
| Computer Science .....                                                  | 220 |
| Computer Science (BA/BS) .....                                          | 221 |
| Computer Science Courses .....                                          | 709 |
| Computer Science Minor .....                                            | 227 |
| Computer Science (MS) .....                                             | 227 |
| Computer Science (PhD) .....                                            | 230 |
| Conflict and Dispute Resolution Courses .....                           | 713 |
| Conflict and Dispute Resolution (LLM) .....                             | 563 |
| Conflict and Dispute Resolution (MA/MS) .....                           | 564 |
| Core Education Courses .....                                            | 45  |
| Counseling, Family, and Human Services (MEd) .....                      | 513 |
| Counseling Psychology and Human Services .....                          | 504 |
| Counseling Psychology and Human Services Graduate Specializations ..... | 518 |
| Counseling Psychology Courses .....                                     | 714 |
| Counseling Psychology (PhD) .....                                       | 516 |
| Couples and Family Therapy Courses .....                                | 715 |
| Couples and Family Therapy (MS) .....                                   | 513 |
| Courses .....                                                           | 659 |
| Creative Writing .....                                                  | 84  |
| Creative Writing Courses .....                                          | 716 |
| Creative Writing (MFA) .....                                            | 85  |
| Creative Writing Minor .....                                            | 84  |
| Criminology Minor .....                                                 | 410 |
| Critical and Sociocultural Studies in Education (PhD) .....             | 527 |
| Curriculum and Teaching (UOTeach) (MEd) .....                           | 524 |
| Curriculum Teacher Education (MS) .....                                 | 525 |
| Cybersecurity (BS) .....                                                | 226 |

## D

|             |     |
|-------------|-----|
| Dance ..... | 569 |
|-------------|-----|

|                                                                                 |     |
|---------------------------------------------------------------------------------|-----|
| Dance Activity Courses .....                                                    | 717 |
| Dance (BA/BS) .....                                                             | 570 |
| Dance (BFA) .....                                                               | 573 |
| Dance Minor .....                                                               | 574 |
| Dance Professional Courses .....                                                | 718 |
| Danish Courses .....                                                            | 720 |
| Data Science .....                                                              | 231 |
| Data Science Courses .....                                                      | 720 |
| Data-Driven Music Performance and Composition (PhD) .....                       | 611 |
| Digital Humanities Minor .....                                                  | 107 |
| Disability Studies Minor .....                                                  | 108 |
| Division of Graduate Studies .....                                              | 641 |
| Doctoral Degrees .....                                                          | 649 |
| <b>E</b>                                                                        |     |
| Early Intervention-Early Childhood Special Education Graduate Certificate ..... | 541 |
| Earth Sciences .....                                                            | 235 |
| Earth Sciences (BA/BS) .....                                                    | 236 |
| Earth Sciences Courses .....                                                    | 720 |
| Earth Sciences Minor .....                                                      | 246 |
| Earth Sciences (MS) .....                                                       | 246 |
| Earth Sciences (PhD) .....                                                      | 247 |
| East Asian Languages and Literatures .....                                      | 86  |
| East Asian Languages and Literatures Courses .....                              | 725 |
| East Asian Languages and Literatures (MA) .....                                 | 96  |
| East Asian Languages and Literatures (PhD) .....                                | 99  |
| East Asian Studies Minor .....                                                  | 309 |
| Ecological Design Graduate Certificate .....                                    | 453 |
| Economics .....                                                                 | 312 |
| Economics (BA/BS) .....                                                         | 314 |
| Economics Courses .....                                                         | 726 |
| Economics Minor .....                                                           | 317 |
| Economics (MS) .....                                                            | 317 |
| Economics (PhD) .....                                                           | 318 |
| Education Courses .....                                                         | 730 |
| Education Specialist Degrees .....                                              | 648 |
| Education Studies .....                                                         | 518 |
| Education Studies Courses .....                                                 | 731 |
| Education Studies Graduate Specializations .....                                | 527 |
| Educational Foundations (BA/BS) .....                                           | 520 |
| Educational Foundations Secondary Certificate .....                             | 523 |
| Educational Leadership Courses .....                                            | 735 |

|                                                           |     |
|-----------------------------------------------------------|-----|
| Educational Leadership (DEd) .....                        | 504 |
| Educational Leadership (MEd) .....                        | 503 |
| Educational Policy and Leadership (MS) .....              | 526 |
| English .....                                             | 101 |
| English (BA) .....                                        | 104 |
| English Courses .....                                     | 738 |
| English (MA) .....                                        | 109 |
| English Minor .....                                       | 106 |
| English (PhD) .....                                       | 110 |
| Entrepreneurship Minor .....                              | 432 |
| Environmental and Natural Resources Law (LLM) .....       | 565 |
| Environmental Design (BA/BS) .....                        | 464 |
| Environmental Humanities Graduate Certificate .....       | 330 |
| Environmental Humanities Minor .....                      | 328 |
| Environmental Science (BA/BS) .....                       | 320 |
| Environmental Sciences, Studies, and Policy (PhD) .....   | 329 |
| Environmental Studies .....                               | 319 |
| Environmental Studies (BA/BS) .....                       | 323 |
| Environmental Studies Courses .....                       | 742 |
| Environmental Studies (MA/MS) .....                       | 328 |
| Environmental Studies Minor .....                         | 327 |
| Ethics Minor .....                                        | 146 |
| Ethnic Studies (BA/BS) .....                              | 386 |
| Ethnic Studies Courses .....                              | 744 |
| Ethnic Studies Minor .....                                | 391 |
| European Studies .....                                    | 330 |
| European Studies Courses .....                            | 747 |
| <b>F</b>                                                  |     |
| Family and Human Services (BA/BS) .....                   | 506 |
| Family and Human Services (BEEd) .....                    | 510 |
| Family and Human Services Courses .....                   | 747 |
| Finance .....                                             | 441 |
| Finance Courses .....                                     | 748 |
| Finance (MS) .....                                        | 435 |
| Finance (PhD) .....                                       | 439 |
| Folklore and Public Culture .....                         | 112 |
| Folklore and Public Culture (BA) .....                    | 113 |
| Folklore and Public Culture Graduate Specialization ..... | 117 |
| Folklore and Public Culture (MA/MS) .....                 | 116 |
| Folklore and Public Culture Minor .....                   | 115 |
| Folklore Courses .....                                    | 749 |
| Food Studies .....                                        | 332 |

|                                            |     |
|--------------------------------------------|-----|
| Food Studies Graduate Specialization ..... | 334 |
| Food Studies Minor .....                   | 333 |
| Forensic Anthropology Minor .....          | 302 |
| French (BA) .....                          | 157 |
| French Courses .....                       | 751 |
| French (MA) .....                          | 167 |
| French Minor .....                         | 159 |
| From Admission to Graduation .....         | 13  |

## G

|                                                 |     |
|-------------------------------------------------|-----|
| General Business Executive (MBA) .....          | 438 |
| General Business (MBA) .....                    | 436 |
| General Requirements and Policies .....         | 642 |
| General Social Sciences .....                   | 334 |
| General Social Sciences (BA/BS) .....           | 334 |
| Geography .....                                 | 343 |
| Geography (BA/BS) .....                         | 344 |
| Geography Courses .....                         | 752 |
| Geography (MA/MS) .....                         | 352 |
| Geography Minor .....                           | 352 |
| Geography (PhD) .....                           | 353 |
| German and Scandinavian .....                   | 117 |
| German and Scandinavian Studies Minor .....     | 125 |
| German (BA/BS) .....                            | 119 |
| German Courses .....                            | 756 |
| German (MA) .....                               | 126 |
| German Minor .....                              | 124 |
| German (PhD) .....                              | 126 |
| Global Business Certificate .....               | 434 |
| Global Health Minor .....                       | 374 |
| Global Service Minor .....                      | 375 |
| Global Studies .....                            | 354 |
| Global Studies (BA/BS) .....                    | 355 |
| Global Studies Courses .....                    | 758 |
| Global Studies (MA) .....                       | 377 |
| Global Studies Minor .....                      | 374 |
| Graduate Certificates .....                     | 651 |
| Graduate Microcredentials .....                 | 653 |
| Graduate Programs .....                         | 43  |
| Graduate Specializations .....                  | 652 |
| Graduate Studies Courses .....                  | 761 |
| Graduate Tuition, Fees, and Financial Aid ..... | 645 |
| Greek Courses .....                             | 761 |

|                   |    |
|-------------------|----|
| Greek Minor ..... | 74 |
|-------------------|----|

## H

|                                       |     |
|---------------------------------------|-----|
| Hebrew Courses .....                  | 762 |
| Historic Preservation .....           | 455 |
| Historic Preservation Courses .....   | 762 |
| Historic Preservation (MS) .....      | 456 |
| History .....                         | 378 |
| History (BA/BS) .....                 | 380 |
| History Courses .....                 | 763 |
| History (MA) .....                    | 383 |
| History Minor .....                   | 383 |
| History of Art and Architecture ..... | 483 |
| History (PhD) .....                   | 384 |
| Honors College Courses .....          | 769 |
| Human Physiology .....                | 247 |
| Human Physiology (BA/BS) .....        | 249 |
| Human Physiology Courses .....        | 770 |
| Human Physiology (PhD) .....          | 252 |
| Humanities .....                      | 59  |
| Humanities .....                      | 127 |
| Humanities Courses .....              | 773 |

## I

|                                                                                 |     |
|---------------------------------------------------------------------------------|-----|
| Ichishki'in Courses .....                                                       | 773 |
| Immersive Media Communication (MS) .....                                        | 553 |
| Indigenous, Race, and Ethnic Studies .....                                      | 385 |
| Indigenous, Race, and Ethnic Studies Graduate Certificate .....                 | 394 |
| Indigenous, Race, and Ethnic Studies (PhD) .....                                | 393 |
| Institutional and Organizational Conflict Management Graduate Certificate ..... | 567 |
| Interdisciplinary Cognitive Science Minor .....                                 | 135 |
| Interdisciplinary Studies Courses .....                                         | 773 |
| Interior Architecture .....                                                     | 457 |
| Interior Architecture (BIArch) .....                                            | 457 |
| Interior Architecture Courses .....                                             | 774 |
| Interior Architecture (MIArch) .....                                            | 460 |
| Interior Architecture Minor .....                                               | 459 |
| Interior Architecture (MS) .....                                                | 462 |
| Intermedia Music Technology (MMus) .....                                        | 612 |
| Italian (BA) .....                                                              | 160 |
| Italian Courses .....                                                           | 775 |
| Italian (MA) .....                                                              | 169 |
| Italian Minor .....                                                             | 162 |

**J**

|                                            |     |
|--------------------------------------------|-----|
| Japanese (BA) .....                        | 91  |
| Japanese Courses .....                     | 777 |
| Japanese Minor .....                       | 96  |
| Journalism (BA/BS) .....                   | 545 |
| Journalism Courses .....                   | 779 |
| Journalism (MA/MS) .....                   | 554 |
| Journalism: Advertising (BA/BS) .....      | 547 |
| Journalism: Media Studies (BA/BS) .....    | 548 |
| Journalism: Public Relations (BA/BS) ..... | 549 |
| Judaic Studies .....                       | 129 |
| Judaic Studies (BA) .....                  | 130 |
| Judaic Studies Courses .....               | 786 |
| Judaic Studies Minor .....                 | 131 |

**K**

|                      |     |
|----------------------|-----|
| Knight Campus .....  | 636 |
| Korean Courses ..... | 787 |
| Korean Minor .....   | 96  |

**L**

|                                                   |     |
|---------------------------------------------------|-----|
| Labor Education and Research Center Courses ..... | 788 |
| Landscape Architecture .....                      | 463 |
| Landscape Architecture (BLA) .....                | 466 |
| Landscape Architecture Courses .....              | 788 |
| Landscape Architecture Minor .....                | 469 |
| Landscape Architecture (MLA) .....                | 469 |
| Landscape Architecture (PhD) .....                | 471 |
| Language Teaching Courses .....                   | 791 |
| Language Teaching Studies (MA) .....              | 136 |
| Latin American Studies .....                      | 395 |
| Latin American Studies (BA) .....                 | 396 |
| Latin American Studies Courses .....              | 793 |
| Latin American Studies Minor .....                | 398 |
| Latin Courses .....                               | 792 |
| Latin Minor .....                                 | 74  |
| Latinx Studies Minor .....                        | 391 |
| Law Courses .....                                 | 793 |
| Law Graduate Specializations .....                | 567 |
| Law (JD) .....                                    | 566 |
| LCB Undergraduate Concentrations .....            | 431 |
| Legal Studies Minor .....                         | 562 |
| Library Courses .....                             | 799 |

|                           |     |
|---------------------------|-----|
| Linguistics .....         | 131 |
| Linguistics (BA/BS) ..... | 133 |
| Linguistics Courses ..... | 800 |
| Linguistics Minor .....   | 134 |
| Linguistics (PhD) .....   | 137 |

**M**

|                                                      |     |
|------------------------------------------------------|-----|
| Management .....                                     | 442 |
| Management Courses .....                             | 802 |
| Management (PhD) .....                               | 439 |
| Marine Biology (BA/BS) .....                         | 201 |
| Marketing .....                                      | 443 |
| Marketing Courses .....                              | 804 |
| Marketing (PhD) .....                                | 440 |
| Master's Degrees .....                               | 645 |
| Mathematics .....                                    | 253 |
| Mathematics and Computer Science (BA/BS) .....       | 264 |
| Mathematics (BA/BS) .....                            | 255 |
| Mathematics Courses .....                            | 805 |
| Mathematics Minor .....                              | 268 |
| Mathematics (MS) .....                               | 268 |
| Mathematics (PhD) .....                              | 269 |
| Media Studies Minor .....                            | 551 |
| Medieval Studies .....                               | 139 |
| Medieval Studies (BA) .....                          | 140 |
| Medieval Studies Courses .....                       | 810 |
| Medieval Studies Minor .....                         | 141 |
| Middle East and North Africa Studies .....           | 399 |
| Middle East and North African Studies Courses .....  | 811 |
| Military Science Courses .....                       | 811 |
| Multidisciplinary Science .....                      | 270 |
| Multimedia Journalism (MA) .....                     | 555 |
| Multimedia Minor .....                               | 479 |
| Museum of Natural and Cultural History Courses ..... | 812 |
| Museum Studies Graduate Certificate .....            | 487 |
| Music .....                                          | 576 |
| Music (BA/BS) .....                                  | 586 |
| Music Composition (BMus) .....                       | 596 |
| Music Composition (MMus) .....                       | 613 |
| Music Composition (PhD) .....                        | 613 |
| Music Courses .....                                  | 812 |
| Music Education (BMME) .....                         | 599 |
| Music Education Courses .....                        | 821 |

|                                              |     |
|----------------------------------------------|-----|
| Music Education (MMus) .....                 | 616 |
| Music Education (PhD) .....                  | 617 |
| Music Graduate Specializations .....         | 630 |
| Music Jazz Studies Courses .....             | 824 |
| Music Minor .....                            | 610 |
| Music Performance (BMus) .....               | 602 |
| Music Performance Courses .....              | 826 |
| Music Performance (DMA) .....                | 622 |
| Music Performance Graduate Certificate ..... | 630 |
| Music Performance (MMus) .....               | 617 |
| Music Production Minor .....                 | 610 |
| Music Technology Minor .....                 | 610 |
| Music Theory (MA) .....                      | 625 |
| Music Theory (PhD) .....                     | 626 |
| Music: Conducting (MMus) .....               | 614 |
| Music: Jazz Studies (BMus) .....             | 605 |
| Music: Jazz Studies (MMus) .....             | 627 |
| Music: Piano Pedagogy (MMus) .....           | 627 |
| Musicology (MA) .....                        | 628 |
| Musicology (PhD) .....                       | 629 |

## N

|                                                      |     |
|------------------------------------------------------|-----|
| Native American and Indigenous Studies (BA/BS) ..... | 389 |
| Native American and Indigenous Studies Minor .....   | 392 |
| Natural Sciences .....                               | 195 |
| Neuroscience .....                                   | 274 |
| Neuroscience (BA/BS) .....                           | 275 |
| Neuroscience Graduate Specialization .....           | 279 |
| New Media and Culture Graduate Certificate .....     | 488 |
| Nonprofit Administration Minor .....                 | 493 |
| Nonprofit Management Graduate Certificate .....      | 501 |
| Nonprofit Management (MNM) .....                     | 496 |

## O

|                                                 |     |
|-------------------------------------------------|-----|
| Operations and Business Analytics .....         | 444 |
| Operations and Business Analytics Courses ..... | 827 |
| Operations and Business Analytics (PhD) .....   | 440 |

## P

|                          |     |
|--------------------------|-----|
| Philosophy .....         | 142 |
| Philosophy (BA/BS) ..... | 143 |
| Philosophy Courses ..... | 835 |
| Philosophy (MA) .....    | 147 |
| Philosophy Minor .....   | 146 |

|                                                               |     |
|---------------------------------------------------------------|-----|
| Philosophy (PhD) .....                                        | 148 |
| Physical Education .....                                      | 654 |
| Physical Education Courses .....                              | 828 |
| Physical Education: Aquatics Courses .....                    | 828 |
| Physical Education: Aquatics-Scuba Courses .....              | 829 |
| Physical Education: Certification Courses .....               | 829 |
| Physical Education: Fitness Courses .....                     | 829 |
| Physical Education: Individual Activities Courses .....       | 830 |
| Physical Education: Intercollegiate Athletics Courses .....   | 831 |
| Physical Education: Leadership Courses .....                  | 831 |
| Physical Education: Martial Arts Courses .....                | 831 |
| Physical Education: Mind-Body Courses .....                   | 832 |
| Physical Education: Outdoor Pursuits Courses .....            | 833 |
| Physical Education: Racquet Sports Courses .....              | 834 |
| Physical Education: Running Courses .....                     | 834 |
| Physical Education: Team Sports Courses .....                 | 834 |
| Physical Education: Weight Training Courses .....             | 835 |
| Physics .....                                                 | 279 |
| Physics (BA/BS) .....                                         | 281 |
| Physics Courses .....                                         | 838 |
| Physics Minor .....                                           | 283 |
| Physics (MS) .....                                            | 284 |
| Physics (PhD) .....                                           | 285 |
| Planning and Public Affairs (PhD) .....                       | 500 |
| Planning, Public Policy and Management .....                  | 488 |
| Planning, Public Policy and Management (BA/BS) .....          | 490 |
| Planning, Public Policy and Management Courses .....          | 842 |
| Planning, Public Policy and Management Minor .....            | 493 |
| Political Science .....                                       | 402 |
| Political Science (BA/BS) .....                               | 403 |
| Political Science Courses .....                               | 846 |
| Political Science (MA/MS) .....                               | 406 |
| Political Science Minor .....                                 | 405 |
| Political Science (PhD) .....                                 | 406 |
| Politics, Culture, and Identity Graduate Specialization ..... | 112 |
| Popular Music (BA/BS) .....                                   | 608 |
| Portuguese Courses .....                                      | 850 |
| Prevention Science Courses .....                              | 851 |
| Prevention Science (MEd) .....                                | 514 |
| Prevention Science (MS) .....                                 | 515 |
| Prevention Science (PhD) .....                                | 515 |
| Product Design .....                                          | 480 |



|                                   |     |
|-----------------------------------|-----|
| Product Design (BFA) .....        | 481 |
| Product Design Courses .....      | 851 |
| Product Design Minor .....        | 482 |
| Psychology .....                  | 286 |
| Psychology (BA/BS) .....          | 288 |
| Psychology Courses .....          | 852 |
| Psychology Minor .....            | 291 |
| Psychology (MS) .....             | 291 |
| Psychology (PhD) .....            | 292 |
| Public Administration (MPA) ..... | 499 |

## Q

|                                                        |     |
|--------------------------------------------------------|-----|
| Quantitative Research Methods in Education (PhD) ..... | 527 |
| Queer Studies Minor .....                              | 416 |

## R

|                                                                      |     |
|----------------------------------------------------------------------|-----|
| Reader's Guide to the Catalog .....                                  | 4   |
| Registration and Academic Policies .....                             | 20  |
| Religious Studies .....                                              | 150 |
| Religious Studies (BA/BS) .....                                      | 150 |
| Religious Studies Courses .....                                      | 856 |
| Religious Studies Minor .....                                        | 153 |
| Robert Donald Clark Honors College .....                             | 418 |
| Romance Languages .....                                              | 154 |
| Romance Languages (BA) .....                                         | 163 |
| Romance Languages Courses .....                                      | 857 |
| Romance Languages (MA) .....                                         | 172 |
| Romance Languages (PhD) .....                                        | 174 |
| Russian Courses .....                                                | 858 |
| Russian, East European, and Eurasian Studies .....                   | 182 |
| Russian, East European, and Eurasian Studies (BA) .....              | 184 |
| Russian, East European, and Eurasian Studies Courses .....           | 858 |
| Russian, East European, and Eurasian Studies Graduate Certificate .. | 187 |
| Russian, East European, and Eurasian Studies (MA) .....              | 187 |
| Russian, East European, and Eurasian Studies Minor .....             | 186 |

## S

|                                              |     |
|----------------------------------------------|-----|
| Scandinavian Courses .....                   | 860 |
| Scandinavian Minor .....                     | 125 |
| School of Journalism and Communication ..... | 542 |
| School of Law .....                          | 559 |
| School of Music and Dance .....              | 569 |
| School Psychology Courses .....              | 861 |
| School Psychology Graduate Certificate ..... | 541 |

|                                                            |     |
|------------------------------------------------------------|-----|
| School Psychology (MS) .....                               | 536 |
| School Psychology (PhD) .....                              | 537 |
| Science Communication Minor .....                          | 551 |
| Second Language Acquisition and Teaching Certificate ..... | 135 |
| Social Sciences .....                                      | 295 |
| Sociology .....                                            | 407 |
| Sociology (BA/BS) .....                                    | 408 |
| Sociology Courses .....                                    | 862 |
| Sociology Minor .....                                      | 410 |
| Sociology (PhD) .....                                      | 411 |
| South Asian Studies Minor .....                            | 309 |
| Southeast Asian Studies Minor .....                        | 310 |
| Spanish (BA) .....                                         | 164 |
| Spanish Courses .....                                      | 865 |
| Spanish (MA) .....                                         | 176 |
| Spanish Minor .....                                        | 167 |
| Spanish (PhD) .....                                        | 178 |
| Spatial Data Science and Technology (BA/BS) .....          | 348 |
| Special Education and Clinical Sciences .....              | 528 |
| Special Education Certificate .....                        | 533 |
| Special Education Courses .....                            | 868 |
| Special Education (DEd) .....                              | 540 |
| Special Education (MA/MS) .....                            | 538 |
| Special Education (MEd) .....                              | 539 |
| Special Education Minor .....                              | 532 |
| Special Education (PhD) .....                              | 540 |
| Sports Business Courses .....                              | 872 |
| Sports Business Minor .....                                | 433 |
| Sports Product Design Courses .....                        | 873 |
| Sports Product Design (MS) .....                           | 482 |
| Sports Product Management Courses .....                    | 873 |
| Sports Product Management (MS) .....                       | 438 |
| Statistics Courses .....                                   | 874 |
| Strategic Communication (MS) .....                         | 556 |
| Student Financial Aid and Scholarships .....               | 31  |
| Supplementary Academic Programs .....                      | 655 |
| Sustainable Business Minor .....                           | 433 |
| Swahili Courses .....                                      | 874 |
| Swedish Courses .....                                      | 874 |

## T

|                                                               |     |
|---------------------------------------------------------------|-----|
| Teaching Dance Certificate .....                              | 575 |
| Technical Teaching in Architecture Graduate Certificate ..... | 454 |

|                                                   |     |
|---------------------------------------------------|-----|
| Theater Arts (BA/BS) .....                        | 189 |
| Theater Arts Courses .....                        | 874 |
| Theater Arts (MA) .....                           | 193 |
| Theater Arts (MFA) .....                          | 193 |
| Theater Arts Minor .....                          | 192 |
| Theater Arts (PhD) .....                          | 194 |
| Theatre Arts .....                                | 188 |
| Translation Studies Graduate Specialization ..... | 182 |
| Tuition and Fees .....                            | 29  |

## U

|                                                   |     |
|---------------------------------------------------|-----|
| Undergraduate Education and Student Success ..... | 657 |
| Undergraduate Programs .....                      | 41  |
| Undergraduate Studies Courses .....               | 876 |

## V

|                        |     |
|------------------------|-----|
| Veterans Affairs ..... | 658 |
|------------------------|-----|

## W

|                                                                    |     |
|--------------------------------------------------------------------|-----|
| Women's and Gender Studies Courses .....                           | 877 |
| Women's, Gender, and Sexuality Studies .....                       | 411 |
| Women's, Gender, and Sexuality Studies (BA/BS) .....               | 413 |
| Women's, Gender, and Sexuality Studies Graduate Certificate .....  | 417 |
| Women's, Gender, and Sexuality Studies Minor .....                 | 416 |
| Writing Courses .....                                              | 879 |
| Writing, Public Speaking, and Critical Reasoning Certificate ..... | 111 |
| Writing, Public Speaking, and Critical Reasoning Minor .....       | 109 |