

PORTLAND



1963

OREGON STATE SYSTEM OF HIGHER EDUCATION

PORTLAND SUMMER TERM

Eight-week	June 17
Session	August 9

Eleven-week	June 17
Session	August 30

General Extension Division
BULLETIN
Oregon State System of Higher Education
1633 S.W. Park Ave.
Portland 1, Ore.



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Oregon State System of Higher Education

1963 Portland Continuation Center

SUMMER TERM

Eight-Week Session—June 17-August 9

Eleven-Week Session—June 17-August 30

REGISTRATION: JUNE 10-15 AND 17-19



General Extension Division

BULLETIN

Portland Continuation Center

1633 S.W. Park Avenue

Portland 1, Oregon

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Portland Continuation Center

1963 Summer Term Calendar

JUNE						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JULY						
S	M	T	W	T	F	S
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST						
S	M	T	W	T	F	S
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Registration and Other Events

Business office and Registrar's office—724 S.W. Harrison Street

REGISTRATION TIMES:

June 10-14, Monday through Friday: 8:00 a.m.-5:00 p.m.

June 15, Saturday: 9:00 a.m.-11:30 a.m.

June 17-18, Monday and Tuesday: 8:00 a.m.-8:30 p.m.

June 19, Wednesday, 8:00 a.m.-5:00 p.m.

ADVISING:

June 10-14, Monday through Friday: 8:00-5:00 p.m. in General Extension Division building for convenience of students who wish to avoid first week rush at registrar's office.

June 15, Saturday, 9:00 a.m.-11:30 a.m. advising and consultation, Room 71 State Hall.

June 17, Monday: 11:00 a.m. Advising and program planning for master's candidates, Room 71 State Hall.

June 17, Monday: Consultation and advising in instructor's offices.

EVENTS:

June 18, Tuesday: First day of classes for eight-week and eleven-week sessions.

June 20, Thursday: Late fee begins. Last day to enroll in class without instructor's signature. Last day to change program.

June 21, Friday: Classes will meet to make up for Monday, June 17 registration day. Evening classes need not be made up.

June 22, Saturday: Last day to register or make program changes, 9:00 a.m.-11:30 a.m.

July 3, Wednesday: 8:00 a.m.-5:00 p.m. Last day to withdraw without responsibility for grades (both 8 and 11 week terms). Responsible for grades in short courses after three calendar days.

July 4, Thursday: Legal Holiday.

July 5, Friday: Classes do not meet.

July 12, Friday: Classes will meet to make up for Friday classes missed July 5. Evening classes need not be made up.

August 8-9, Thursday and Friday: Final examinations for eight week session.

August 9, Friday: eight week session ends.

August 12-23: Special programs are to be offered.

August 29-30, Thursday and Friday: Final examinations for eleven week session.

August 30, Friday: Eleven week session ends.

Classes in the eight-week session normally meet on Monday, Tuesday, Wednesday and Thursday each week. Classes in the 11-week session normally meet each Monday, Wednesday and Friday.

The Summer Program

The forty-sixth annual Portland Continuation Center summer term will provide principally daytime offerings, both graduate and under-graduate, based on the resources and curricula of the colleges and universities in the Oregon State System of Higher Education. The summer program will include an eight-week and an eleven-week term.

While a large number of summer term classes are held on the Portland State College campus, various other locations throughout the city and in some instances away from the city are utilized.

Undergraduate Work

Admission as an Undergraduate: Only requirement for admission to Portland Continuation summer term is ability to do the work.

Portland Continuation Center itself does not confer degrees; therefore, the student wishing credit earned at the center to apply toward a degree must inform himself of the degree-program requirements of the institution from which he expects to receive his degree.

Information concerning admission, advanced standing, credit transfer, residence, and graduate requirements should be obtained from the registrar of the degree-granting institution, whether within the Oregon State System of Higher Education or elsewhere.

Eight-Week Session Maximum Load: Twelve term hours* is the maximum credit which a student may earn in the eight-week summer term, except that under-graduates may enroll for thirteen hours in combinations of four or fewer courses which list a total of not more than thirteen hours of credit. (No exception to the twelve-hour rule is permitted in cases where all courses are taken for graduate credit.) Additional credit may be earned in courses which end prior to opening date of the eight-week term or which begin after the eight-week term has closed.

Eleven-Week Session Maximum Load: Sixteen term hours* is the maximum credit which a student may earn in the eleven-week summer term.

Graduate Work

Work toward completing master's degree requirements granted by various institutions within the Oregon State System of Higher Education may be completed at the Portland Continuation Center as shown below.

* Term hours (quarter hours) may be converted to semester hours by multiplying the number of term hours by $\frac{2}{3}$. Semester hours may be converted to term hours by multiplying the number of semester hours by $1\frac{1}{2}$.

Master of Education: Degree may be taken either at University of Oregon or at Oregon State University.

University of Oregon has a 24 credit-hour residence requirement. This requirement may be met by attending two Portland summer terms. Oregon State has a 12 credit-hour residence requirement. This requirement must be met by attendance on OSU campus proper.

At both institutions, the degree is regarded as a professional degree and not necessarily a research degree; however, at the University of Oregon a thesis or field study is required of candidates whose area of specialization is in administration or educational psychology.

At Oregon State University neither a thesis nor a field study is required under Options "C" or "B".

For the degree with either of these Oregon institutions, a well integrated program is planned for each individual candidate designed to improve his educational competence as a teacher, supervisor, educational specialist, or administrator. At the University of Oregon, the following specialized areas have been incorporated into the division of school psychological services: education of exceptional children (mentally retarded, physically handicapped, gifted, emotionally/socially maladjusted, speech handicap); remedial education (reading, spelling, arithmetic, handwriting); educational psychology (school psychology, school psychometry); and counseling psychology (school counseling, rehabilitation counseling, college personnel). The student obtaining a degree in the area of school psychological services should expect to spend at least one summer term in residence on the University of Oregon campus in Eugene.

At University of Oregon, both qualifying and final examinations are written. Oregon State University requires written final examinations, but no qualifying examination. Graduate work for a degree of Master of Education may be pursued with specialization in either elementary or secondary fields.

Master of Science in Education (from Oregon College of Education at Monmouth, or from Southern Oregon College at Ashland, or Eastern Oregon College at La Grande):

Oregon College of Education requires 30 hours of credit in residence. This requirement may be met by attending two Portland summer terms and one summer session on the Monmouth campus. Only 15 hours may be transferred from the regular evening courses offered at Portland during fall, winter and spring quarters.

Eastern Oregon College and Southern Oregon College will accept a maximum of 15 hours of course work completed in the Portland Continuation Center summer term.

Requirements for this degree include a core of 18 hours in professional courses and six hours in general courses. Thesis is optional with each student, but it is recommended for those planning further graduate work. The qualifying examination is written and the final examination may be both written or oral.

Master of Business Administration: Since the fall term, 1961, programs leading to Master of Business Administration at University of Oregon have been offered in Portland. Students working toward this degree may complete all the requirements in Portland through courses taught by regular University of Oregon School of Business Administration faculty.

Master of Science in Health, Physical Education and Recreation: Since the fall term, 1961, sequential programs leading to a master of science in Health, Physical Education, and Recreation at University of Oregon have been offered in Portland. However, 12 credit hours of residence at Eugene campus will be required by school of health, physical education and recreation.

OSU courses in these areas are also available and can be used as majors on the M.Ed. degree.

Master of Education in Library Science: Since the fall term, 1961, sequential programs leading to Master of Education at University of Oregon have been offered in Portland. Heavy specialization in library will be required. Mrs. Ione Pierron, assistant professor of librarianship, school of education, University of Oregon, will serve as major adviser for those enrolled at Portland center.

Master of Arts in General Studies: This is a research degree. It is open to individuals whose research interests and broad academic background, usually in three disciplines, make them eligible for graduate work wherein offerings of several major departments are correlated. A thesis is required. Before a candidate's course work can be planned, he must present and justify a thesis topic which involves a research project embracing at least three major departments. An acceptable thesis in general studies cannot be typical of work normally presented to any single department for a departmental degree.

Under favorable circumstances all work toward this degree from Oregon State University may be completed in Portland, but the University of Oregon requires that the candidates earn at least 33 hours in residence on the Eugene campus.

Master of Arts (Departmental), Master of Science, Master of Science in General Studies: Programs for these degrees must be arranged with the candidate's major department or the degree-granting school selected. On approval by the major department a maximum of 15 hours of graduate work may be completed in Portland.

Professional Degrees in Engineering: The degree of Agricultural Engineer, Chemical Engineer, Civil Engineer, Electrical Engineer, Industrial Engineer, Mechanical Engineer or General Engineering, may be earned by a holder of a baccalaureate or master's degree from Oregon State University, having completed at least five years of successful professional practice following graduation, and by completing an acceptable thesis.

Those who hold a baccalaureate or master's degree from Oregon State University may substitute graduate credit for a maximum of three of the five years of professional practice required for the degree of professional engineer. Graduate study, extension or otherwise, will be considered at the approximate rate of 12 credit hours in lieu of each year of professional practice.

Qualified candidates for the M.S. degree in electrical, mechanical, civil, or industrial engineering from Oregon State University may complete all graduate course-work in Portland.

Undergraduate work leading to the B.S. degree in applied science from Portland State College may also be completed at Portland. This bachelor's degree program is designed to assist the student who desires to do further work in engineering programs.

For additional details and application instructions for the degree of engineering, consult the Oregon State University catalog.

Advisers: Authorized advisers for any of the masters' degrees in education and for the Master of Arts in General Studies degree will be available in Portland to assist students in planning programs and in establishing candidacy for the degrees. Students should note that random accumulation of graduate credit does not establish qualification for any degree.

Advisers will be available from 9:00 a.m. to 5:00 p.m. June 10 to 14, and 9:00 a.m. to 11:30 a.m. June 15. Students interested in starting a master's degree program at Portland Continuation Center this summer should meet in Room 71 State Hall at 11:00 a.m. on Monday, June 17. Information will be presented about all of the masters' degrees offered at the various colleges and universities within the Oregon State System of Higher Education. Advisers will be available throughout the duration of the summer term, by appointment. Appointments may be made by contacting the office of the coordinator of student advising.

Admission: Graduate students enrolling at Portland Continuation Center summer term who wish to apply their Oregon credits toward advanced degrees at one of the institutions within the Oregon State System of Higher Education must make application for admission to the graduate school selected and take the qualifying examination* at the earliest opportunity.

Time Limit: Oregon State System institutions expect that all work for the master's degree, including work for which credit is transferred, thesis, and final examination, will be completed within a period of seven years.

Maximum Load: 12 term hours of graduate credit is the maximum which a student may earn in the eight-week session. Additional credit may be earned only in courses which end prior to the opening date of the eight-week term or which begin after the eight-week term has closed.

* Qualifying examinations will be administered during summer term at times and places to be announced.

Registration Procedure

Students will register for the summer term Monday through Friday, June 10-14, from 8:00 a.m.-5:00 p.m., Saturday, June 15, from 9:00 a.m.-11:30 a.m., and Monday, June 17, from 8:00 a.m.-8:30 p.m. Registration is also possible Tuesday evening, June 18, from 5:00 p.m.-8:30 p.m. The registrar's office is located at 724 S.W. Harrison Street. Since many classes begin on Tuesday, June 18, students are expected to register at a time that will not conflict with the first meeting of the class.

Students living in Portland or vicinity are urged to register during the registration period, June 10-15. Normally, registration may be completed more easily and quickly during this period.

Registration packets, available at the Registrar's Office, will contain detailed instructions for registering and paying fees. Signs will direct students to locations used in the registration process.

Procedure for Graduate Students: Enrollment for graduate credit is in general identical with enrollment for undergraduate credit. However, students electing graduate credit in a 400 (G) or 400 (g) course (see course numbering system) must so indicate at the time of registration for the course; otherwise graduate credit cannot be granted. Graduate credit is not retroactively granted.

Procedure for Veterans: Students who qualify under veterans' benefits (World War II or Korean) should contact the veteran's clerk in the registrar's office.

Summer Term Fees

(Registration Office Hours: 8:00 a.m.-5:00 p.m., Monday through Friday, during entire session

9:00-11:30 a.m. on Saturdays, during June only.

5:30-8:30 p.m. Monday and Tuesday, June 17 and 18, only)

Summer term registration fees are as follows:

FULL-TIME STUDENTS AND AUDITORS (8 credit hours or more)

8-week session	\$100.00
11-week session	\$100.00

PART-TIME STUDENTS AND AUDITORS

(for 7 credit hours or less)—per credit hour (minimum \$25).....\$12.50

<i>No. of hours</i>	<i>Total</i>	<i>No. of hours</i>	<i>Total</i>
1 credit hour	\$25.00	5 credit hours	62.50
2 credit hours	25.00	6 credit hours	75.00
3 credit hours	37.50	7 credit hours	87.50
4 credit hours	50.00		

For non-credit college preparatory courses, charges shall be based upon units of time spent in class each week on a basis equivalent to \$12.50 per credit hour.

SHORT COURSES AND WORKSHOPS—Follow above schedule according to credit hour load.

STAFF FEE—Per credit hour (except staff auditors) 3.00

Upon approval the staff fee is available to:

- a. All full-time employees, academic and nonacademic, of not only the teaching unit but of any unit of the State System of Higher Education for a limited amount of work for credit, generally for not more than three term hours.
- b. Any academic employee whose appointment is equivalent to half-time service or more (but less than full-time), for a maximum of ten credits per quarter.

Subject to approval, all fees and the maximum credit hour limitations may be waived for retired employees; and for staff members on leave, the maximum credit hour limitation may be waived but the fee is not waived. No fee for staff auditors.

SPECIAL FEES—Late registration full-time students (due after third day of session), per day (not applicable to short courses) \$ 1.00

If institutional charges are met by a check which is returned because of any irregularity for which the student is responsible (NSF, illegible signature, improper bank account number, etc.) a fine of \$1.00 per business day will be charged. (Maximum penalty, \$5.00)

Graduate qualifying examination fee \$1.00-\$15.00

Fee Refunds

Students whose official withdrawal from summer term has been completed in the registrar's office may be entitled to certain refunds of registration fees paid. Refunds in all cases are calculated from June 18 to the date of application for the refund and not from the date the student may have registered or may have ceased attending classes. Claims for refunds must be made in writing.

Library Regulations and Charges

NOTE: The library card is issued upon presentation of the student's tuition receipt. This receipt should be preserved, even when payment of tuition is by check.

A student who has a library card issued during the regular academic year should use this same card during the summer term. This card will be validated for summer term use upon presentation of the student's tuition receipt.

The following regulations govern library fines and charges:

1. A fine of 5 cents per day is charged for all overdue books other than reserve books.
2. The following fines are charged for violation of rules governing reserve books and material circulated by special permission: (a) For overdue books, a regular fine of 25 cents for the first hour and 5 cents for each succeeding hour, or fraction thereof, until the book is returned or reported lost. A maximum charge of \$1.00 per hour may be made in cases of flagrant violation of this rule. (b) For failure to return books to proper department desks, a fine of 25 cents is levied.

3. Books needed for use in the library are subject to recall at any time. A maximum fine of \$1.00 a day may be imposed for failure to return books promptly.

4. A service charge of 10 cents is added to all fines reported to the business office for collection.

5. Borrowers losing books are charged the replacement cost of the book, plus the amount of fine incurred up to the time the book is reported missing. In addition, a charge of \$1.00 is made to cover the cost of cataloging and processing the replacement copy.

6. When a lost book, for which the borrower has been billed, is returned before a replacement has been ordered, a refund not exceeding the replacement cost plus the \$1.00 cataloging and processing charge may be made at the discretion of the librarian.

7. Borrowers are issued a library card for use in the charge-out machine. The card should be turned in upon withdrawing during the term, or at the end of the term.

The summer term library, located on S.W. Broadway at Montgomery Street, will be open Monday through Thursday from 7:30 a.m. to 8:00 p.m., and on Friday from 7:30 a.m. to 4:30 p.m.

Entrance to the library is made from the concourse which extends between the middle of the block on Broadway in the college center. The reserve book collection and small general reference collection are located on the ground floor. The bulk of the collection is distributed on three upper floors, education books on first floor, science and social science on second, and humanities on third.

Miscellaneous Services

The **Audio-Visual department** is in the basement of the library and is reached by stairway directly off the concourse.

College Center: The college center is located on S.W. Park Avenue at Montgomery street. Every regularly-registered student may use the varied facilities offered in the college center and may participate in summer social and activity programs.

Students and faculty may use college center cafeteria and snack bar, and the dining rooms where group luncheons and dinners are served. There are also meeting rooms and a spacious lounge where art and other special exhibits are displayed.

All college center facilities are open from 7:30 a.m.-8:30 p.m., Monday through Thursday and until 4:30 p.m. on Friday. College center facilities are financed through student fees and are for the use and enjoyment of all summer term as well as regular term students.

The summer term recreational program, coordinated by college center staff, will offer summer students information or assistance in taking advantage of the many and varied recreational opportunities to be found in and conveniently near Portland.

Textbooks and Supplies: All required texts and supplies may be purchased from the cooperative bookstore located in the college center building.

Counseling Center for Adults: Professional counseling services are available to all regularly-registered evening and summer students, and to others on referral from cooperating schools and agencies. Information may be obtained at the center's offices on the second floor of the General Extension Division building, 1633 S.W. Park Avenue.

Housing: Portland Continuation Center has no housing of its own, but efforts will be made to find accommodations for both faculty and students. Requests should be addressed to John F. Jenkins, 1620 S.W. Park Avenue, Portland 1, Oregon.

Recreation: Summer term students may enjoy the varied recreational facilities of the Portland metropolitan area. Conveniently located parks and playgrounds, swimming pools, golf courses and tennis courts, theaters and musical events, Portland art museum, and excellent library services are available. A fine new zoo and the Oregon museum of science and industry are additional attractions. In addition, Portland offers easy access to the beautiful beaches of the famed Oregon coast, and to alpine resorts in the surrounding Cascade and Coast mountain ranges. A summer term recreational program, including organized trips and other activities, will be directed by the college center staff.

Special Events: Lectures, concerts and other special events open to summer term students and the public have been scheduled.

Human Relations Laboratory: This laboratory is a facility whereby special programs may be designed to fit particular and unique needs of educational, business and civic organizations. The complex is comprised of a central lecture room capable of seating approximately sixty people. This room has accoustical folding walls which can be used to divide the large area into two equal sections. Eight offices located in the perimeter of the large lecture area are equipped with one-way glass for viewing from either side through light control. A control room provides the communication for listening, transmitting and auditory observation at all stations without involvement of personnel in individual stations. Dr. John A. Schulz is the coordinator for the Human Relations Laboratory.

Counseling Center for Adults: The Counseling Center was established in 1958 with the objective of offering training opportunities in the techniques and methods of training counselors and of providing counseling services to students who were enrolled each term in the General Extension Division's programs.

Training. The training program aspect of the Counseling Center was designed to fit the needs of schools, civic and business organizations. During the initial period of development the cooperation of existing agencies was elicited to preclude the possibility of duplicating services. It was felt that supervised practicums for counselors, drawing cases from the Counseling Center, would provide adequate training. The supervi-

ing staff had not only doctoral degrees in education or psychology but also undertook training in medical orientation.

Counseling. The counseling aspect of the Counseling Center is divided into three major categories: vocational, educational and personal. The Counseling Center has been of service to individuals who, for various reasons, are seeking readjustment to the world of work. Some feel trapped by original vocational selections; others find they must change their occupation for reasons of health or technological changes. Educational planning for those who need extensive assistance has been an important facet of the Counseling Center's operation. A comprehensive testing program is available which aids individuals in setting goals commensurate with their interests and abilities. Personal problems are explored when they have attained proportions of sufficient magnitude to interfere with the individual's ability to function at accustomed or expected efficiency.

Office Hours. Office hours are from 8:00 to 4:30 p.m. Monday through Friday. Information regarding programs or services may be obtained by calling 226-6601, extension 1157. The Counseling Center is located on the second floor of the General Extension Division building, 1633 S.W. Park Ave., Portland 1, Oregon.

Description of Courses

Course Numbering System: Courses in this catalog are numbered in accordance with the course-numbering system of the Oregon State System of Higher Education. Lower-division (freshman and sophomore) courses are numbered below 300. Upper-division (junior and senior) courses are numbered from 300 to 499. Graduate courses are numbered 500-599. A large (G) following the title of a 400 course indicates that course may be taken for either major or minor graduate credit. A small (g) following title of a 400 course indicates that course is approved for graduate minor credit only. Numbers less than 50 indicate non-credit courses.

Institutional Source of Courses: For convenience of students utilizing this catalog, the letters OSU, UO, OCE, and PSC appear in parenthesis following the number of credit hours and immediately preceding the course description. These initials indicate that the accompanying course appears in the catalog of the institution designated and is a regular offering of that institution.

Eight-Week Term

Anthropology

Anth 101. General Anthropology. (First Term) 3 hours. (PSC)

Principles and types of evidence for evolution; fossil primates and men; processes of race formation and disappearance; contemporary races.

Anth 361. Race and Culture. 3 hours. (PSC)

Classification and distribution of human races; cultural factors in racial evolution; influence of mating, marriage, population size, territorial grouping and social attitudes upon race formation and distribution; race and mental endowment; attitudes towards race in human relations; and critique of racist theories. Prerequisite: upper division standing and 9 hours in Anthropology, Sociology, or Psychology.

Anth 381. Language and Culture. 3 hours. (PSC)

The nature of language and its functions in human society and culture. Language relation to status groupings, social classes, occupations, nationalism, intercultural and international relations. Relation of linguistic structure to thought processes and communication. Prerequisite: upper division standing and 9 hours in Anthropology, Sociology or Psychology.

Anth 407. Seminar: Religion, Society and the Individual. (g) 3 hours. (UO)

A comparative, cross-cultural analysis of the origins, beliefs, rituals, and organization of religion. Relations between religion and other aspects of culture and society. The role of the individual in religious thought and practice. Prerequisite: 9 hours in Anthropology, Sociology, or Psychology, and upper division standing.

Anth 407. Seminar: Cultural Change in Underdeveloped Areas. (g) 3 hours. (UO)

Analysis of societies undergoing development through programs sponsored by the United Nations, A. I. D., the Peace Corps, and various private institutions. The nature of cultural change, the place of social science research and the roll and problems of American specialists working in underdeveloped areas.

Anth 407. Seminar: The Meaning of Evolution. (g) 3 hours. (UO)

A discussion of the mechanics of evolution with emphasis on social and ethical considerations.

Anth 417. The American Indian. (G) (First Term) 3 hours. (UO)

Indian life in Central, South, and North America before white contact; contemporary Indian life where groups still survive. Prerequisite: Anth 314, 315, 316 or consent of instructor.

Anth 441. Linguistics. (G) (First Term) 3 hours. (UO)

The relation of language to culture; nature and forms of language; influence of linguistic patterns on thought; sounds of language—phonetics and phonemics; linguistic structures; morphophonemics and morphology; semantics; techniques of linguistic recording and analysis; field work. Prerequisite: senior standing; Anth 207, 208, 209 or two years of a foreign language; consent of instructor.

Art

AA 195. Basic Design. (First Term) 3 hours. (PSC)

A three-term introductory sequence; a series of studio participation exercises involving the basic principles of design.

AA 203. Survey of Visual Arts. (Third Term) 3 hours. (PSC)

Cultivation of understanding and intelligent enjoyment of the visual arts through a study of historical and contemporary works; consideration of motives, media, and forms.

AA 217. Lettering. 1 hour. (PSC)

Lettering, including a study of historic styles and of more recent adaptations of "built up" letter forms in contemporary use. Display Design students should take AA 217 before or concurrently with AA 296. Maximum credit: 3 term hours.

AA 257. Jewelry and Metalsmithing. 2 or 3 hours. (PSC)

Introduction to the handworking of nonferrous metals—copper, brass, pewter, silver, gold. Development of design for metal objects. Enameling on metal; centrifuge casting; lapidary work. Maximum credit: 9 term hours.

AA 290. Painting. 2 or 3 hours. (PSC)

Instruction in the use of oil, water color, and other media. Maximum credit: 12 term hours.

AA 291. Drawing. 2 or 3 hours. (PSC)

Training in observation and selection of significant elements. Maximum credit: 9 term hours.

AA 292. Water Color. 2-3 hours. (UO)

The technique and use of water color, with special attention to its characteristics as a painting medium. Emphasis on landscape material. May be substituted for third term of AA 291 to meet lower-division major requirement. Open to non-majors with 4 hours of work in AA 291 or with consent of instructor.

AA 311, 312, 313. Creative Arts and Crafts for the Classroom Teacher. 3 hours each. (PSC)

Art activities for the elementary classroom teacher. Basic tools and materials. Planning the art program to meet the needs of the child. Art in the school curriculum. Art experiences in relation to child growth and development. Lectures and laboratory work. Prerequisite for AA 313 are AA 311 and 312.

AA 397. Advanced Figure Composition. (Second Term) 3 hours. (PSC)

Advanced problems in design and figure composition. Work from the model is stressed. Various drawing and painting media are used. Prerequisite: 6 term hours in AA 290, 291, or 296.

AA 401. Special Studies. 1-4 hours. (PSC)

Consent of instructor and Executive Officer in Art. By arrangement.

AA 401. Special Studies: Beginning Photography Workshop. 2 hours. (PSC)

(See Special Programs Section.)

AA 407. Seminar: Advanced Photography. 4 hours. (PSC)

(See Special Programs Section.)

AA 448. History of Oriental and Eastern Art. (Third term) 3 hours. (PSC)

A comparative study of the plastic arts and architecture as expressions of individual and social experience in the cultures of the Middle East and the Orient.

AA 495. Advanced Design Theory. 3 hours. (PSC)

Advanced study of the broad theories of design and application of design to various media. Study of light, space, and visual communication, particularly as these relate to functional art forms.

Art Education

ArE 401. Special Studies: Design for Elementary Art Education. 3 hours. (UO)

(See Special Programs Section.)

ArE 409. Practicum: Art Experiences for the Mentally Retarded. 3 hours. (UO)

(See Special Programs Section.)

ArE 411. Methods and Research Materials: Art in Elementary Schools. (G) 3 hours. (UO)

A study of significant literature and research in the field; laboratory investigation of materials, ideas, and methods currently used in elementary schools. Satisfies state certification requirements for an elementary art-method course. Prerequisite: ArE 311, 312, previous teaching experience, or consent of the instructor.

ArE 501. Special Studies: Design for Elementary Art Education. 3 hours. (UO)

(See Special Programs Section.)

Biology

Bi 231, 232, 233. Human Anatomy and Physiology. 3 hours. (PSC)

An introduction to the study of structure and function of the human body. This course is designed to help the student understand normal structure and functions and gives him the knowledge with which he may establish good health practices for himself and also be prepared for giving instructions in biology in the public schools. The subject matter includes the cellular and tissue study of the body

systems and their specific functions. Instruction places emphasis on understanding of the body adaptations for reacting and adjusting the whole individual to his environment. This course is not designed for majors in biology. Prerequisite: one year of biological science. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Business Administration

BA 111, 112, 113. Constructive Accounting. 3 hours each. (PSC)

Technique of account construction; preparation of financial statements. Application of accounting principles to practical business problems. Required of majors, prerequisite to advanced work in business.

BA 122. Principles of Management. 3 hours. (PSC)

A survey approach to the broad fundamental principles of management as a basic framework for managerial thinking and operating.

BA 221. Elements of Production. 3 hours. (PSC)

Principles of management as applied to commercial and industrial concerns.

BA 222. Elements of Finance. 3 hours. (PSC)

The financial problems of corporations. Organization of corporations; how they obtain long-term funds; management of working capital; distribution of securities. Prerequisite: BA 111, 112, 113.

BA 223. Elements of Marketing. 3 hours. (PSC)

Methods, policies, and problems. Private and cooperative channels, auctions, exchanges, middlemen; demand creation, assembly standardization, packaging, financing, risk taking, distribution.

BA 238. Salesmanship. 3 hours. (PSC)

Salesmanship as a factor in distribution and service; analysis of the customer and his wants; methods of obtaining and holding customers; wholesale and retail sales processes, services, and principles of selling.

BA 239. Advertising. 3 hours. (PSC)

Advertising as a factor in the distribution process; advertising agencies; evaluation and selection of advertising media for various types of business establishments; preparation of copy.

BA 314. Principles of Cost Accounting. 3 hours. (PSC)

Basic principles of cost measurements and reporting for management planning, policy, and control purposes. Methods of data accumulation and control of materials, labor, and indirect costs. Job and process cost systems. Overhead budgeting; departmentalization; fixed and variable cost concepts. Prerequisite: BA 113.

BA 359. Finance Management. 3 hours. (PSC)

Problems and case studies in management determinations respecting permanent capital, working capital, retention of earnings, bank loans, commercial credit, and administrative policies. Prerequisite: BA 222.

BA 366. Marketing Management. 3 hours. (PSC)

Functions of management in the marketing process; promotion; planning, coordination of production and sales; customer relations; selection, training, and supervision of salesmen; administrative policies. Prerequisite: BA 223.

BA 383, 384, 385. Accounting Theory. 3 hours each. (PSC)

Comprehensive study of generally accepted principles of accounting and of conventional procedures for the measurement and presentation of financial data. Problems of theory applicable to income pricing, and to the more difficult but

significant business transactions and interorganizational relationships. Prerequisite: BA 113. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

BA 407. Seminar: Financial Institutions. 3 hours. (OSU)

The functions and economic significance of the major financial institutions in the economy that make the savings of society available to consumers, businesses, and governments.

BA 407. Seminar: Property Acquisition and Management. 3 hours. (OSU)

Scientific study of the acquisition and efficient management of business property.

BA 411. Business Law. (First Term) 3 hours. (PSC)

Basic rules of law for business conduct. Requirements in formation, performance, and discharge of contracts. Personal property transfers and methods of protecting financial interests involved. Promissory notes and other negotiable papers. Laws related to organization and operation of businesses and business association. A maximum of three hours credit is allowed for BA 256 and BA 411.

BA 414. Real Estate Law. 3 hours. (OSU)

Primary features of legal ownership of land including creation and rights of ownership under various estates, title protection, deeds, wills, and inheritance; property transactions related thereto, including contracts, mortgages, leases, and brokerage. Prerequisite: junior standing.

BA 416. Real Estate Principles. 3 hours. (PSC)

Study of property interests and titles, deeds, mortgages, leases. Real estate brokerage and real estate finance. Valuation of property. Prerequisite: BA 411.

BA 435. General Insurance. 3 hours. (OSU)

Aims to familiarize students with the various insurance means at disposal of management for use of shifting, reducing, or eliminating risk; fire, casualty, workmen's compensation, fidelity and surety, marine, life, and other types of insurance.

BA 436. Investments. 3 hours. (PSC)

The principles of investment in stocks and bonds, analysis of securities from the qualitative and quantitative points of view. Security markets. Current regulatory practices. Prerequisites: BA 111, 112, 113, 222, 359.

BA 460. Purchasing. 3 hours. (PSC)

Significant managerial problems raised by purchase and control of materials, supplies, equipment, merchandise, and other procurement items for business or government organizations.

BA 463. Retail Management. 3 hours. (PSC)

Principles of organizing and operating retail institutions; store locations, store layout, buying and selling, operating activities, personnel and control.

Chemistry

Ch 226, 227. Organic Chemistry. 5 hours each. (OSU)

General service course covering aromatic and aliphatic chemistry. Prerequisite: Ch 203. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Ch 234. Quantitative Analysis. 5 hours. (PSC)

Principles of gravimetric analysis and volumetric analysis. Designed for pharmacy, preclinical, premedical, and medical-technology students. Prerequisite: Ch 106 or 206.

Clothing and Textiles

CT 408, 508. Workshop: In-Service Bishop Method of Clothing Construction. (Basic) 3 hours. (OSU)

(See Special Programs Section.)

CT 408, 508. Workshop: In-Service Bishop Method of Clothing Construction. (Advanced) 3 hours. (OSU)

(See Special Programs Section.)

CT 508. Workshop: In-Service Team Teaching Experiment in Bishop Method of Clothing Construction. 3 hours. (OSU)

(See Special Programs Section.)

Economics

Ec 201, 203. Principles of Economics. (First and Third Terms) 3 hours each. (PSC)

Principles that underlie production, exchange, distribution, etc. Prerequisite: sophomore standing.

Ec 212. Outlines of Economics. 3 hours. (PSC)

A rapid survey of the principles of economics and economic institutions. A maximum of three hours credit is allowed for Ec 201 and 212.

Ec 327. Labor Legislation. 3 hours. (PSC)

Labor legislation in the United States, problems facing the employer, employee, and the public that call for regulation through public authority. Prerequisite: Ec 201, 202, 203.

Ec 407. Seminar: The Common Market. (G) 3 hours. (UO)

A history of the European common market development. Evaluation of its economic significance for Europe and the United States. Prerequisite: Ec 201, 202, 203, or consent of instructor.

Ec 407. Seminar: Principles and Problems of Government Finance. (G) 3 hours. (UO)

A brief survey of current trends of spending taxation and debt policy of Federal, state, and local government. Critical analysis of the effects of these policies on economic activities in individual welfare. Prerequisite: Ec 201, 202, 203, or consent of instructor.

Ec 411. Monetary and Banking Theory. (G) (First Term) 3 hours. (UO)

Analysis of the nature of money, effects of changes in the money supply, monetary controls used by the Federal Reserve System and the Treasury, international repercussions of domestic monetary policies, international banking agencies; critique of various monetary policies. Prerequisite: Ec 201, 202, 203.

Ec 441. International Economics. (G) (Second Term) 3 hours. (UO)

Theory of international trade; problems in balance-of-payments adjustments during critical periods; commercial policies of the more-important nations; international economic organizations in theory and practice. Prerequisite: Ec 201, 202, 203.

Ec 450. Comparative Economic Systems. (g) (First Term) 3 hours. (UO)

An analytical comparison of capitalism and other economic systems. Prerequisite: Ec 201, 202, 203.

Ec 488. American Economic History. (G) (Second Term) 3 hours. (UO)

All phases of the economic development of the United States.

Education

Ed 10. Reading Improvement. (Non-credit) (GED)

A non-credit course for adults who are interested in improving their reading abilities. A practical approach will be combined with some modern devices to improve reading skills, increase reading rate, and stabilize confidence in reading processes. (Enrollment limited to 25.)

Ed 263. Camp Counseling. 3 hours. (PSC)

Counselor training; responsibility in camp; camper problems; camp relationships. Three-day practical camping field trip.

Ed 310. School in American Life. 3 hours. (PSC)

A course designed to acquaint prospective teachers with the historical and philosophical background and development of the American public school. Special attention will be given to the development of the present day curricular practices and to the function of the school in contemporary American society. Prerequisite: 6 hours of Anthropology or Sociology.

Ed 312. Educational Psychology: Learning. 3 hours. (PSC)

A consideration of the nature of the learner, changes which occur in learning processes, conditions under which learning best takes place, and the characteristics and methods of the teacher who directs learning in the school. Basic concepts of measurement are utilized to evaluate the changes which characterize learning. School observations supplement theoretical study. Prerequisite: 9 hours of Psychology including Human Development.

Ed 314. Principles of Secondary Teaching. 3 hours. (PSC)

Principles, procedures, and problems of classroom teaching; the organization of subject matter and different methods of presentation, implications for methods of individual and group differences, motivation, and discipline; measuring and evaluating the results of teaching. Public school classroom observations are required. Prerequisite: Ed 310, 312.

Ed 344. Physical Education in the Grades. 3 hours. (PSC)

A study of methods and materials in organizing, conducting and evaluating the elementary school physical education program and the significance of its elements. Theory and practice with emphasis upon basic principles and implications from child growth and development characteristics which guide and determine teaching method and selection of class content. Prerequisite: Ed 310, 312.

Ed 351. School Health Programs. 3 hours. (PSC)

Teaching of health education with emphasis on health knowledge, health attitudes and health habits of school children, and the development of a health-service program. Special study of the state health-education program. Prerequisites: 9 hours of Biological Science, and Ed 310, 312.

Ed 356. Methods and Materials: Reading in the Elementary School. 3 hours. (PSC)

The place of reading in the modern elementary school. Trends and practices in reading instruction and prevention of reading difficulties. A study of appropriate materials and methods. Classroom observation. Prerequisite: Ed 310, 312.

Ed 358. Methods and Materials: Language Arts and Social Science. 3 hours. (PSC)

Trends and practices in listening, speaking, spelling, handwriting and English. Educational objectives of social studies and social problems of elementary school pupils. Organization and planning of a unit of work. Attention will be given to appropriate methods and materials in language arts and social studies. Classroom observation is required. Prerequisite: Ed 310, 312.

Ed 359. Methods and Materials: Science and Mathematics. 3 hours. (PSC)

Science and mathematics in the elementary schools. Methods in the area of science, including experiments, demonstrations. Publications and other instructional materials. Trends and practices in the teaching of mathematics. Emphasis will be placed upon basic principles, research studies, problem solving, and the utilization of life situations. Prerequisite: Ed 310, 312.

Ed 389. Reading and Telling Children's Stories. 3 hours. (PSC)

An introduction to the collection of old folk and modern fanciful tales, with laboratory practice in the reading and telling of stories for children through the elementary grades. Prerequisite: Eng 388 or consent of instructor.

Ed 390. Enriching Children's Reading. 3 hours. (PSC)

A study of the enrichment of children's reading through literature. An advanced course designed for parents and teachers of nursery, kindergarten, and elementary school children. Prerequisite: Eng 388 or consent of instructor.

Ed 401. Research. Hours to be arranged. (PSC)

Ed 407. Seminar: General and Special Methods for Internship. 6 hours. (PSC)
(See Special Programs Section.)

Ed 408. Special Secondary Methods: Science. 3 hours. (PSC)

Problems and methods in selecting and organizing materials for instruction; comparison and evaluation of methods, laboratory techniques, supplies, equipment; economy of time and materials.

Ed 408. Special Secondary Methods: Social Science. 3 hours. (PSC)

Problems and methods in selecting and organizing materials for instruction; comparison and evaluation of methods, laboratory techniques, supplies, equipment; economy of time and materials.

Ed 408-508. Workshop: Program Planning in Outdoor Education. 3 hours. (UO)

(See Special Programs Section.)

Ed 409. Practicum: Remedial Education (Diagnosis). (G) 3 hours. (UO)

Supervised clinical experience in the diagnosis of learning difficulties of school pupils. Prerequisite: Ed 429 or consent of instructor; concurrent registration in Ed 465 required.

Ed 409. Practicum: Remedial Education. (Correction.) (G) 3 hours. (UO)

Supervised clinical experience in the remediation of learning difficulties of school pupils. Prerequisite: Ed 429, Ed 465, or consent of instructor; concurrent registration in Ed 468 required.

Ed 409. Practicum: Teaching the Mentally Retarded. (G) 3 hours. (UO)
(See Special Programs Section.)

Ed 415. Student Teaching: Elementary. 6 hours maximum. (PSC)

Observation and teaching under the direction of a supervising teacher. Students will be provided with opportunities for assuming direct responsibility for the

learning activities of children, for developing skill in the techniques of teaching and schoolroom management, and related professional activities normally assumed by regularly employed teachers. Seminar required. Prerequisites: Psy 311, Ed 310, 312, 9 hours of methods courses including reading, adequate background in subject areas. Limited number who are graduates of standard colleges can be accommodated. Applications must be submitted in advance to Dr. Ray O. Wolf, Portland Center.

Ed 416. Student Teaching: Secondary. 6 hours maximum. (PSC)

Observation and teaching under the direction of a supervising teacher. Students will be provided with opportunities for assuming direct responsibility for the learning activities of children, for developing skill in the techniques of teaching and schoolroom management, and related professional activities normally assumed by regularly employed teachers. Prerequisite: Completion of general and professional courses leading to third year standing. Limited number who are graduates of standard colleges can be accommodated. Applications must be submitted in advance to Dr. Ray O. Wolf, Portland Center.

Ed 424. Measurement in Education. (G) 3 hours. (UO). (Section I)

Use and interpretation of informal and standardized tests for diagnosis, analysis, evaluation, and improvement of instruction in the elementary and secondary schools; test planning, item writing, essay testing, administration, and scoring; analysis of score and grade assignment; simple statistics of test interpretation.

Ed 424. Measurement in Education. (G) 3 hours. (OCE). (Section II)

Use and interpretation of informal and standardized tests as supervisory and guidance instruments for the diagnosis, analysis, evaluation, and improvement of instruction in the elementary and secondary schools. Test planning, item writing, essay testing, administration and scoring, analysis of scores and grade assignment. Simple statistics of test interpretation.

Ed 424. Measurements in Education. (G) 3 hours. (OSU)

Use of standard tests and scales to measure achievement in school subjects; elements of statistical method. Prerequisite: senior standing.

Ed 427. School Activities. (G) 3 hours. (UO)

Principles and purposes of school activities; pupil participation in school government; assemblies; clubs, social activities; athletics, speech activities, drama, music, publications; evaluation of the school activity program.

Ed 428. Psychology of Reading Instruction. (G) 3 hours. (UO)

Research and practices relating to the reading process and reading instruction; the nature and development of readiness, word power, integration of meaning, reading-learning efficiency, measurement of reading.

Ed 429. Principles of Remedial Education. (G) 3 hours. (UO)

Introduction to extreme school learning problems; factors associated with underachievement; general principles of diagnosis and remediation; diagnostic instruments and remedial resources. Applicable to programs at the elementary and secondary level and in areas of exceptionality.

Ed 432. Junior High School Guidance. (G) 3 hours. (OSU)

Diagnosis and evaluation of individual pupil; his abilities, interests, and aptitudes. Organization and administration of program, role of teachers and auxiliary-service staff. Prerequisite: Ed 310, 312.

Ed 435. Audio-Visual Aids. 3 hours. (PSC)

The development and use of audio-visual aids in education. Emphasis on actual learning situations in which radio, recordings, films, slides, pictures, maps, charts,

etc., are utilized. Sources of materials and equipment; administration of audio-visual programs. Prerequisite: consent of instructor.

Ed 439. The Gifted Child. (G) 3 hours. (UO)

Definition and identification of the gifted; characteristics and problems of the gifted; special educational and environmental requirements of the gifted; philosophical considerations of the relations between the gifted and society.

Ed 440. History of Education. (G) 3 hours. (UO)

A general review of the growth and development of education in relation to the civilization of the times; emphasis on development of educational philosophies.

Ed 442. Group Dynamics. 3 hours. (PSC)

Analysis of the dynamics of group interaction; significance and application of the principles of group behavior for the group worker. Prerequisites: 9 hours of Sociology and/or Psychology, and consent of instructor.

Ed 446. Philosophy of Education. 3 hours. (PSC)

Study and comparison of the philosophical bases of educational ideas and of the educational implications of philosophical thought. Prerequisites: 6 hours of Philosophy, and Ed 310, 312, or consent of instructor.

Ed 451. Preprimary Education. (G) 3 hours. (OCE)

An evaluation of the preprimary period in terms of the opportunities it affords to build up good attitudes toward school life, to help the child adjust himself to the group, to build up good habits of work, and to develop a readiness for subjects in the first-grade curriculum, such as reading, numbers, and language.

Ed 460. Psychology of Childhood. (G) 3 hours. (OSU)

Growth of behavior during the prenatal period, infancy, and childhood; development of muscular activities, perception, emotional adjustment, intelligence, language, and social behavior in childhood. Prerequisite: senior standing.

Ed 461. Psychology of Adolescence. (G) 3 hours. (OSU)

Behavior changes during preadolescence and adolescence as related to physiological development and social and cultural factors. Emphasis on personal and social adjustment. Prerequisite: senior standing.

Ed 462. Psychology of Exceptional Children. (G) 3 hours. (UO)

Survey of characteristics and problems of all types of exceptional children, with special emphasis on those with sensory handicaps; consideration of essential educational adaptations.

Ed 463. The Maladjusted Child. (G) 3 hours. (UO)

The discovery and treatment of the emotionally and socially maladjusted child; the home, school, and community in relation to the child's mental health. Opportunities for observing family counseling in relation to school adjustment.

Ed 464. The Mentally Retarded Child. (G) 3 hours. (UO)

The psychology, education, and guidance of the mentally retarded child.
Sec. I—See Special Programs Section. Sec II—See schedule.

Ed 465. Diagnostic Techniques in the Basic Skills. (G) 3 hours. (UO)

Analysis of difficulty in the skills of reading, spelling, arithmetic, and handwriting; selection, administration, and interpretation of group and individual diagnostic achievement tests; diagnostic procedures; development of the diagnostic report. Concurrent enrollment in Practicum: Remedial Education—Diagnosis (Ed 409) required.

Ed 467. Applied Mental Hygiene. (G) 3 hours. (OCE)

The development of personality, personality conflicts, mechanisms of adjustment,

and the basic principles of mental hygiene. Emphasis on application of mental hygiene principles to personality development of teachers and of children. Prerequisite: Psy 201, 202.

Ed 468. Diagnostic and Remedial Techniques in Reading. (G) 3 hours. (OSU)

Nature of the reading process, reading readiness, reading skills; causes of retardation; methods of diagnosing difficulties and evaluating progress; and procedures and materials for the development of reading abilities. Prerequisite: Ed 310, 312, 350.

Ed 468. Remedial Techniques in the Basic Skills. (G) 3 hours. (UO)

Organization and implementation of the remedial program; specific procedures in the remediation of difficulty in the skills of reading, spelling, arithmetic, and handwriting; location and creation of remedial instrumental materials. Concurrent enrollment in Practicum: Remedial Education—Correction (Ed 409) required.

Ed 469. Reading in High School and College. (G) 3 hours. (UO)

Basic principles of reading instruction; nature and scope of the total reading program; methods, materials, and organization of the developmental and corrective reading programs in high school and college.

Ed 471. Administration of Special Education. (G) 3 hours. (UO)

Organizing, financing, housing, equipping, staffing, and supervising the special-education program. Desirable educational provisions for each type of handicapped child. Legal provisions for special education.

Ed 476. School Law and Organization. (G) 3 hours. (OCE)

The historic and current legal authority of federal, state, county, and local governments in the organization and administration of public school education. Special emphasis placed on the Oregon statutes as they apply to school organization, administration, and teaching.

Ed 484. The Junior High School. (G) 3 hours. (OSU)

Development of junior high school; purpose and objectives; general organization; courses of study; present practices in leading representative junior high schools; direction of classroom activities; provision for individual differences; pupil personnel. Prerequisite: Ed 310, 312.

Ed 485. Principles and Practices of Guidance Services. (G) 3 hours. (OSU)

Beginning course in guidance. Overview of guidance and personnel work; vocational, educational, health, social, personality, recreational, and individual development; participation of teachers, counselors, administrators, parents, and community organizations in guidance program. For teachers and administrators. Prerequisite: senior standing.

Ed 486. Occupational and Educational Information. (G) 3 hours. (OSU)

Materials available regarding occupations; interpretations of present trends; value and usefulness for high school and college students. Prerequisite: senior standing.

Ed 487. Counseling Techniques. (G) 3 hours. (OSU)

Mental, achievement, trade, and other tests; administration of such tests; classification, methods in educational and vocational counseling. Prerequisite: Ed 485.

Ed 489. Curriculum for the Mentally Retarded. (G) 3 hours. (UO)

(See Special Programs Section.)

Ed 491. Social Education. (G) 3 hours. (UO)

Structure and functioning of society, as a background for the study and evaluation of education in its varied forms; the contribution of sociological principles and findings to the improvement of educational practices.

Ed 493. Observation and Evaluation of Teaching. 3 hours. (PSC)

Opportunity for experienced teachers to observe modern trends in schools and other institutions, and to discuss educational theories and practices. A limited number can be assigned to the few places available for this course. Selection will be made from written applications filed in advance with Dr. Ray O. Wolf, Director of Student Teaching.

Ed 501. Research. Hours to be arranged. (OSU). (Section I)**Ed 501. Research.** Hours to be arranged. (UO). (Section II)**Ed 503. Thesis.** Hours to be arranged. (UO)**Ed 505. Reading and Conference.** Hours to be arranged. (OSU)**Ed 505. Reading and Conference.** Hours to be arranged. (UO)**Ed 506. Special Individual Studies.** Maximum of 6 hours. (OCE)

Individual surveys, evaluative studies, and special studies in a limited area of interest, under the guidance of a designated staff member.

Ed 507. Seminar: Reading and Telling Children's Stories. 3 hours. (UO)

Introduction to collection of old folk and modern fanciful tales; with laboratory practice in reading and telling of stories for children through elementary grades. Prerequisite: Eng 388 or consent of instructor. Registration only by signature of instructor.

Ed 507. Seminar: Human Relations in School Administration. 3 hours. (UO)

To consider the principles and techniques of cooperative accomplishments as they apply to administrators, teachers and other members of educational enterprises. Using several disciplines, attention will be given to internal staff relations and the role and responsibilities of administrative officers.

Ed 507. Seminar: Simulated Experience in School Administration. 6 hours. (UO)

Simulated materials depicting actual administrative problems and situations with which school supervisors, principals, and superintendents are involved. Open to experienced supervisors and administrators and individuals who have had classroom teaching experience and who contemplate entering supervisory or administrative positions within the near future. A \$5.00 materials charge should be paid at time of registration along with tuition fee. Advance registration is recommended as enrollment is limited.

Ed 507. Seminar: Administration in the Junior High School. 3 hours. (UO)

Consideration of the role of the curriculum, home room, guidance, block or core program, and recreational activities in the Junior High School.

Ed 507. Workshop: Programed Learning. 3 hours. (OCE)

(See Special Programs Section.)

Ed 508. Workshop: Foreign Language Laboratory for Teachers. 3 hours. (UO)

(See Special Programs Section.)

Ed 508. Workshop: Evaluation of Exceptional Children. 4 hours. (UO)

(See Special Programs Section.)

Ed 508. Workshop: High School Forensics Teachers. 3 hours. (UO)

(See Special Programs Section.)

Ed 508. Workshop: Aerospace. 6 hours. (OSU)

(See Special Programs Section.)

Ed 508. Workshop: Intergroup Relations. 3 hours. (UO)

(See Special Programs Section.)

Ed 508. Workshop: Problems of Adolescents. 3 hours. (OSU)

(See Special Programs Section.)

Ed 508. Workshop: The Pre-school Mentally Retarded. 3 hours. (UO)

(See Special Programs Section.)

Ed 508. Workshop: Bill of Rights Education. 6 hours. (UO)

(See Special Programs Section.)

Ed 508. Workshop: Creative Writing in the Elementary School. 3 hours. (UO)

(See Special Programs Section.)

Ed 509. Practicum: Remedial Education. 3 hours. (UO)

Intensive clinical work involving the complete range of problems in Remedial Education. Prerequisite: satisfactory work at the Ed 409 level and consent of instructor.

Ed 511. Recent Educational Trends and Problems. 3 hours. (OSU)

Trends, problems, and developments in all fields of education. Prerequisite: 24 hours of upper division education including student teaching.

Ed 512. Research Procedures in Education. 3 hours. (OSU). (Section I)

Methods, techniques, and tools for doing research work; meaning of scientific method; ways of locating and formulating problems; techniques for solving problems; necessary statistical tools; collection and interpretation of data; preparation of research reports.

Ed 512. Research Procedures in Education. 3 hours. (UO). (Section II)

The nature and procedures of research in education; special techniques of thesis, field study, research paper, and dissertation. Open to graduate students majoring in other fields. Does not take the place of individual supervision of the student's thesis.

Ed 522. Secondary-School Curriculum. 3 hours. (UO)

Overview of the secondary-school curriculum, with emphasis on the various subject fields; organization of the school for curriculum development; educational objectives; the course of study; evaluation of the secondary-school curriculum.

Ed 524. Construction and Use of Objective Examinations. 3 hours. (OSU)

Principles and statistics in selection of test items; types of examinations; validity; reliability; administering, scoring, grouping results. Prerequisite: graduate standing.

Ed 527. Secondary-School Administration and Supervision. 3 hours. (UO)

The secondary-school principalship; principles of administration, staff relationships, public relations, and professional growth; business administration; administration of guidance services, curriculum, and school activities; evaluation of the secondary school.

Ed 533. Psychological Aspects of Vocations. 3 hours. (OSU)

Psychological principles applied to: (1) choice of occupations, (2) adjusting, or aiding others in adjusting, and (3) alteration of occupational conditions and demand to meet needs. Prerequisite: graduate standing in education.

Ed 534. Science in the Elementary School. 3 hours. (UO)

The place of science in the elementary school, with particular reference to the

value of science in the lives of children. Selecting and organizing content; coordinating science with elementary-school activities; methods and materials; rooms and equipment.

Ed 535. Social Studies in the Elementary School. 3 hours. (UO)

Social-education objectives; children's social problems; unit development; work-study skills; organization of the program; materials; research findings basic to the social education of children.

Ed 536. Language Arts in the Elementary School. 3 hours. (UO)

The role of language arts in the elementary-school program; objectives; research findings on language development; the teaching of spelling, writing, and speaking-listening skills; newer instructional materials; testing and evaluation.

Ed 537. Reading in the Elementary School. 3 hours. (UO)

Nature of the reading process, objectives, organization of a desirable reading program; reading readiness, reading skills; procedures and materials for developing children's reading abilities; methods of diagnosing difficulties and evaluating progress; research findings concerning the teaching of children to read.

Ed 538. Mathematics in the Elementary School. 3 hours. (UO)

Number abilities needed by children; research findings in mathematics education; designing number experiences; theories of teaching, desirable teaching procedures, selection and use of materials.

Ed 543. History of American Education. 3 hours. (OSU)

Intellectual developments of America with special reference to education. Prerequisite: graduate standing in education.

Ed 546. Philosophy of Education. 3 hours. (OSU)

Fundamental problems of education, with some attempt at their solution; meaning of philosophy; philosophy of education; value for teacher and administrator. Prerequisite: graduate standing in education.

Ed 553. Elementary-School Curriculum. 3 hours. (UO)

A systematic study of the elementary-school curriculum, including pupil needs in everyday life situations, objectives, essentials of a good program, varying curricular designs, organization of learning experiences, evaluation of learning, and appraisal of newer curriculum practices.

Ed 554. Elementary-School Supervision and Administration. 3 hours. (UO)

For mature students of elementary education who are preparing for administrative or supervisory positions. Characteristics of good elementary schools, leadership responsibilities and processes, school organization pattern, pupil personnel policies, school-community relationships.

Ed 561. Advanced Educational Psychology. 3 hours. (OSU)

Experimental material that seems most useful and relevant to educational psychology. Prerequisite: graduate standing in education.

Ed 562. Issues in Extreme Learning Difficulty. 3 hours. (UO)

Investigation of theory and research related to learning problems in the basic skills; analysis of differential learning capacity; reading-auding relationships; sensory-motor modes of remediation; social-emotional correlates of skills disability; therapeutic elements of remediation.

Ed 565. Curriculum Foundations. 3 hours. (UO)

Implications of basic social, philosophical, and psychological factors in curriculum planning and organization; historical background; techniques of curriculum planning.

Ed 566. Curriculum Construction. 3 hours. (UO)

Survey and appraisal of curricular patterns; state and city programs; courses of study in major subject areas; techniques of course-of-study planning.

Ed 572. Public School Administration. 3 hours. (UO)

The schools in relation to state and Federal agencies; the intermediate unit, its purposes, organization, trends; local school districts—problems of organization, plant planning and management, school business administration, transportation, school finance, textbooks and supplies; extralegal agencies affecting education.

Ed 574. School Supervision. 3 hours. (UO)

The role of the supervisor in keeping education geared to the changing demands of society; theories of leadership; group processes and individual conference techniques; action research and related approaches to curriculum change; analysis of concrete supervisory problems.

Ed 575. School Finance. 3 hours. (UO)

The problems of school finance and business management; sources of school income; relationship to the state financial structure; budgeting and accounting. Includes the construction of a school budget. Prerequisite: work in administration and organization; or consent of instructor.

Ed 576. School Buildings. 3 hours. (UO)

Study of the problems involved in planning, financing, and construction of school buildings; care and maintenance of buildings; problems of equipment. Includes analysis of the problems of a specific district. Prerequisite: work in administration and organization; or consent of instructor.

Ed 577. Counselor Training: Group Procedures. 3 hours. (OSU)

Principles underlying behavior and methods for modifying individual's attitudes and actions by group procedures; group dynamics; evaluation of leader's role in group; process of attitudinal change and its results; approaches to group and play therapy; relation between individual and group counseling methods. Prerequisite: Ed 485, 487.

Ed 588. Supervised Counseling Techniques. 3 hours. (OSU)

Provides actual counseling experience in counseling laboratory. Interviewing; administering, scoring, and interpreting psychological tests; writing case studies. Consent of instructor required. Prerequisite: Ed 485, 487; Psy 478, 479, 480.

Ed 589. Organization and Administration of Guidance Services. 3 hours. (OSU)

Criteria for evaluating present personnel services, setting up guidance committees, selection of personnel, responsibilities and duties of staff, development of program of services, and in-service training program. Prerequisite: Ed 485, 487.

Ed 593. Methods in Secondary-School Language Arts. 3 hours. (UO)

Review of research in the problems of teaching language arts in the secondary schools; observation and participation in demonstration teaching of literature, grammar, and composition. Designed for administrators and supervisors, as well as classroom teachers. Prerequisite: teaching experience or consent of instructor.

Ed 595. Methods in Secondary-School Science. 3 hours. (UO)

Selection of materials for secondary-school science teaching, demonstrations, science test construction, instructional devices; use and care of microscopes, meters, and other equipment. Prerequisite: teaching experience or consent of instructor.

English

Eng 102. **Survey of English Literature.** (Second Term) 3 hours. (PSC)

Milton to Byron.

Eng 104, 106. **Appreciation of Literature.** (First and Third Terms) 3 hours each. (PSC)

The aim is to stimulate the appreciation and criticism of literature through a study of the outstanding works in prose and poetry, selected from all periods including the twentieth century.

Eng 108, 109. **World Literature.** (Second and Third Terms) 3 hours each. (PSC)

A sequence in narrative prose, drama, and poetry. Complete books are included so that the student may be familiar with some of the masterpieces in Western world literature.

Eng 201, 202, 203. **Shakespeare.** 3 hours each. (PSC)

Study of the important plays—comedies, histories, and tragedies.

Eng 253, 254, 255. **Survey of American Literature.** 3 hours each. (PSC)

American literature from its beginning to the present day.

Eng 312. **Tragedy, Comedy, and Satire.** (Second Term) 3 hours. (PSC)

Comedy. The comic view in nondramatic forms, as well as in the stage tradition.

Eng 371. **The Novel.** (First Term) 3 hours. (PSC)

A general study of the novel as a literary type with particular attention given to the continental masters.

Eng 386. **Contemporary Literature.** (Third Term) 3 hours. (PSC)

Modern British, American, and continental literature.

*Eng 388. **Children's Literature and Library.** 3 hours. (PSC)

An introductory course designed to give acquaintance with some significant books for children, with emphasis on the quality of a book, its format, text, and illustrations. An investigation of school library procedures with suggestions for the presentation of children's literature in the elementary school.

Eng 407. **Seminar in Special Authors: Hawthorne and Melville.** (G) 3 hours. (UO)

Eng 407. **Seminar in Special Authors: Shelley and Keats.** (G) 3 hours. (UO)

Eng 414. **History of Literary Criticism.** (G) (First Term) 3 hours. (UO)

Studies in the theory and practice of literary criticism from Plato and Aristotle to the present.

Eng 436. **Advanced Shakespeare.** (g) 3 hours. (SOC)

A detailed study of the psychological, sociological and historical background of the four plays to be offered by the Oregon Shakespearean Festival Association.

Eng 457. **Forms and Meaning of Poetry.** (g) 3 hours. (OCE)

A study of contemporary poetry and its foundations of judgment as seen in literary criticism from Plato to the present time.

Eng 481. **Major American Writers. (Emerson, Dickinson)** (G) (First Term) 3 hours. (UO)

Intensive study of two or three major authors each term, such as Hawthorne,

* Hours earned in this course will not count toward those required in the area of literature, foreign languages, and philosophy for a Bachelor of Arts as distinct from a Bachelor of Science degree.

Emerson, Whitman, Melville, James, Twain, Dickinson, Frost, Eliot, Hemingway, Faulkner.

Eng 488. Literature for Teachers. (g) 3 hours. (UO)

For students interested in teaching high-school English. Training in comprehension and analysis of fiction, poetry, and drama from English and American literature. Recommended for prospective high-school teachers.

Eng 491. Introduction to Modern English. (g) 3 hours. (UO)

A general view of modern English vocabulary, grammar, pronunciation, and spelling. Eng 491 is recommended for students preparing for the teaching of English in the secondary schools.

Foods and Nutrition

FN 225. Nutrition. 3 hours. (OSU)

Principles of nutrition from the standpoint of newer scientific investigations; selection of an optimal diet for health; present day problems in nutrition.

General Science

GS 101, 102, 103. General Biology. 3 hours. (PSC)

The fundamental principles of life as they apply to both plants and animals. For general students and those majoring in fields other than biology. If taken after courses with similar materials have been completed, credit will be restricted. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

GS 104, 105, 106. Physical Science. 3 hours. (PSC)

Fundamental principles of physics, chemistry, astronomy, and geology; development and application of the scientific method. For students majoring in fields other than the physical sciences who wish a broad view of the principles of several physical sciences. No credit will be allowed in GS 104 after a course in Geology has been complete, nor in GS 105 after a course in Chemistry, nor in GS 106 after a course in Physics. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

GS 407. Seminar: Summer Institute in Biology for Elementary-School Personnel. 6 hours. (OSU)

(See Special Programs Section.)

GS 411. History of Science. (g) 3 hours. (OCE)

A brief history of the development of the natural sciences, their social implications, and the growth of scientific philosophy. Prerequisite: upper-division standing in science.

GS 507. Seminar: Summer Institute in Biology for Elementary-School Personnel. 6 hours. (OSU)

(See Special Programs Section.)

Geography

Geog 105, 106, 107. Introductory Geography. 3 hours each. (PSC)

A general introduction to the field of geography, in sequence as follows: Geog 105,

physical elements; Geog 106, regional geography of North America, South America, and Europe; Geog 107, regional geography of the USSR, Africa, and Asia. Geog 105 is prerequisite to Geog 106 and Geog 107.

Geog 305, 306. Economic Geography. (Second and Third Terms) 3 hours each. (PSC)

A systematic survey of man's occupation in terms of the distribution, use and circulation of earth resources to be presented as follows: Geog 305, Industrial Geography; Geog 306, Geography of Transportation.

Geog 415. Geographic Backgrounds of European History. 3 hours. (PSC)

The study of the influence of geographic factors on the development of European ethnic, settlement, political and economic patterns. Emphasis will be given to the evolution of these patterns since the time of the dissolution of the Roman Empire. Prerequisite: 9 hours of history or 9 hours of geography.

Geog 420. Political Geography. (G) 3 hours. (UO)

Impact of political institutions upon the landscape; resources and political decisions; relation of formal and informal groups to political areas.

Geog 427. Geography of the Soviet Union. (G) 3 hours. (UO)

Geography of the Soviet Union; its resources, peoples, and world position. Prerequisite: 6 hours in lower-division geography courses or consent of instructor.

Geog 432. Geography of Africa. (G) 3 hours. (UO)

Physical, economic, and political geography of the African continent, with special emphasis on the area south of the Sahara. Prerequisite: 6 hours in lower-division courses or consent of instructor.

Geog 435. Urban Geography. (G) 3 hours. (UO)

World distribution of great cities; urban patterns, forms and functions; systems of urban land classification; forces affecting urban land use; geographic aspects of city planning. Prerequisite: 6 hours in lower-division geography courses or consent of instructor.

Geog 463. Geography of Middle America. (G) 3 hours. (UO)

Intensive study of the physical and cultural processes that have shaped the landscapes of Middle America. Prerequisite: 6 hours of lower-division geography or consent of instructor.

Geology

G 351. Elements of Geology. 3 hours. (PSC)

Principles of geology, processes which shape the surface of the earth, historical development of the earth. Designed as an introduction to geology for general science teacher and elementary teacher. Prerequisite: upper division standing. Credit not allowed if taken with or after G 201, 202.

G 352. Geology of Oregon. 3 hours. (PSC)

Origin and geologic history of landscape features in Oregon. Prerequisite: upper division standing.

G 550. Rocks and Minerals. 3 hours. (OSU)

Identification of ores and rock-forming minerals; their origin, occurrence, and uses; study of common igneous, sedimentary, and metamorphic rocks. Two years of physical science required.

Germanic Language

GL 101, 102, 103. **Second-Year German.** 4 hours each. (PSC)

Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Health Education

HE 150. **Health Education.** 1 hour. (PSC)

Study of personal health problems which confront the college student; the basic scientific principles of healthful living. Meets the health-education requirement.

HE 252. **First Aid.** 3 hours. (PSC)

Study of first aid and safety procedures—for the individual, schools, athletics, and civilian defenses; meets certification standards of the American Red Cross.

Home Economics Education

HEd 507. **Seminar: Evaluation of Homemaking Instruction.** 3 hours. (OSU)

Developing a variety of evaluative materials for appraising progress in homemaking instruction such as score cards, rating scales, teacher-made tests. Emphasis is on student evaluation as an integral part of classroom teaching. Prerequisite: Ed 408d: Special Secondary Methods in Home Economics.

History

Hst 101, 102, 103. **History of Western Civilization.** 3 hours each. (PSC)

Origins and development of Western civilization from ancient times to the present.

Hst 201, 202, 203. **History of the United States.** 3 hours each. (PSC)

From colonial times to the present day.

Hst 342. **Europe Since 1789.** (Second Term) 3 hours. (PSC)

Political, social, economic, and cultural trends from 1890 to 1929.

Hst 350. **History of Hispanic America.** (First Term) 3 hours. (PSC)

The course surveys movements of Spanish and Portuguese peoples into the Western Hemisphere, their establishment of colonies, and eventual development of the modern nations of Hispanic America. Studies of aboriginal civilizations and activities of non-Iberian peoples in Latin American areas are also included. Social, cultural, economic, and political aspects of colonial Hispanic American history are examined for their contributions in shaping the modern nations of Hispanic America. Prerequisite: Hst 101, 102, 103 or consent of instructor.

Hst 391. **Far East in Modern Times.** (First Term) 3 hours. (PSC)

Examination of the political, social, and religious institutions of Confucian China. Comparison and contrast of the impact of the West upon China and Japan. Revolution and Communism in China. Role of the United States in Eastern Asia in the nineteenth and twentieth centuries. Prerequisite: Hst 101, 102, 103 or consent of instructor.

Hst 405. Reading and Conference. Hours to be arranged. (PSC)

Directed reading for honor students and history majors only.

Hst 407. Seminar. Hours to be arranged. (PSC)

Hst 418. Spanish History, Culture and Civilization. (g) 4 hours. (UO)
(See Special Programs Section.)

Hst 419. Studies in Western Civilization. (g) (Second Term) 3 hours. (UO)

Hst 420. Historiography. 3 hours. (PSC)

Ideas and basic writings of great historians. Prerequisite: Hst 101, 102, 103 and Hst 201, 202, 203.

Hst 425. Early Modern Europe. (G) (Second Term) 3 hours. (UO)

Political, economic, and cultural history of Europe from the Counter-Reformation to the French Revolution. Europe overseas, the rise of absolutism, the Age of Reason, and enlightened despotism.

Hst 431. Renaissance. (G) (Second Term) 3 hours. (UO)

The northern Renaissance.

Hst 445. Europe Since 1939. (G) 3 hours. (UO)

Background and course of World War II; postwar developments in the European states.

Hst 447, 449. History of Russia. (G) (First and Third Terms) 3 hours each. (UO)

First term: The Kievan state and the emergence of Muscovy; Third term: revolutionary Russia, 1861 to the present.

Hst 453. History of Germany. (G) (Second Term) 3 hours. (UO)

The Weimar Republic, the Nazi era, World War II, and the postwar development of East and West Germany.

Hst 458. The Era of the Civil War. (G) 3 hours. (UO)

Intensive study of the critical decade before the Civil War and of the course of that conflict.

Hst 460. American Thought and Culture. (g) (First Term) 3 hours. (OSU)

Growth of American thought, ideals, and institutions; analysis of contribution to American culture by schools, newspapers, magazines, motion pictures, radio, art, literature, television, and philosophy. Prerequisite: Hst 224, 225, 226.

Hst 469. Twentieth-Century England. (G) 3 hours. (UO)

Social, political, economic, and intellectual changes in Great Britain in the twentieth century.

Hst 470. Social Factors in American History. (G) (First Term) 3 hours. (UO)

Effect of the varied character of the population on American history and culture. First term: National and racial influences.

Hst 473. American Foreign Relations. (G) (First Term) 3 hours. (UO)

The origin, character, and consequences of American foreign policies from the Revolutionary War to the present.

Hst 478. History of Pacific Northwest. (g) 3 hours. (OSU)

Survey of growth and development of Oregon, Washington, and Idaho from Indian times to present, with emphasis on political, economic, social, cultural changes. Prerequisite: Hst 224, 225, or equivalent.

Hst 480. The United States in the Twentieth Century. (g) (First Term) 3 hours. (OSU)

Development of political and economic institutions since 1897; relevant social and cultural changes. Prerequisite: Hst 224, 225, 226.

Hst 485. Early History of the American People. (G) (Second Term) 3 hours. (UO)

From the discovery of America to Washington's administration.

Hst 488. American Economic History. (G) (Second Term) 3 hours. (UO)

The economic development of the United States.

Hst 492. World Problems. (g) 3 hours. (OCE)

Consideration given to current and significant political, economic, and social problems of the nations in relation to American culture.

Hst 530. European History: Problems and Interpretations. (First Term) 3 hours. (UO)

Readings, reports, and group discussions of major trends, problems, and interpretations in modern European history. Hst 530: Renaissance and Reformation.

Humanities

Hum 10. Colloquium on Great Philosophers. (2) (Non-credit) (GED)

An introductory attempt to get at the enduring insights of four great philosophers by means of study and discussion of their writings. Philosophers will be selected from both the ancient and contemporary periods. No prerequisite.

Hum 11. The Literature of Utopia—Dreams or Nightmares. Non-credit. (2) (GED)

Lectures and discussions centering on great utopian visions from the prophets' people of God to Orwell's countries of the damned. Analysis of the structure and impact of the possible plus opportunity to discuss various political, social, economic and psychological schemes from Plato, More and Bacon to Bellamy, Wells and Huxley.

Hum 511. Contemporary Developments in the Humanities. (First Term) 3 hours. (OCE)

Emphasis upon the search for values in the modern world as reflected in the forces shaping contemporary philosophies and trends in contemporary literature.

Library Science

Lib 481. Bibliography and Reference. (G) 3 hours. (UO)

Study of reference materials and services, and of correct bibliographical form; practical problems in the use of reference books in school libraries.

Lib 484. School Library Administration. (G) 3 hours. (UO)

Planned for school administrators as well as librarians. Particular emphasis on the place of the library in the instructional program. Problems of support and control; housing and equipment; standards; evaluation; objectives.

Lib 488. Books and Related Materials for Young People. (G) 3 hours. (UO)

The selection and evaluation of books and other materials for the junior and senior high-school library; a study of adolescent reading interests and the library's role in reading guidance.

Marketing and Industrial Management

MIM 452. Special Problems in Transportation and Traffic Management. (G) 3 hours. (UO)

Major national and regional transportation problems. In addition to classroom work, each student makes an intensive exploration of a particular problem or phase of transport or traffic management of regional or national economic significance, or a detailed study of a type of carrier related to his specific career interest. Prerequisite: MIM 349; MIM 350 or MIM 467; or consent of instructor.

MIM 507. Seminar: Industrial Administration. 3 hours. (UO)

An integration of the concepts and techniques which are basic to sound industrial administration. In the development of a conceptual frame work emphasis is placed upon topics such as scientific management, technological change, organization structure and dynamics, decision making and related subjects. In turn, stress is placed upon the significance of techniques such as production control, work measurement, statistical quality control, and the newer quantitative tools such as linear programming. Case studies are used to illustrate the application of these techniques.

Mathematics

Mth 10. Elements of Algebra. (non-credit) 3 hours. (PSC)

For students entering with less than one year of algebra. Open to others on recommendation of the department.

Mth 100. Intermediate Algebra. 4 hours. (PSC)

Prerequisite: one year of high-school algebra, or Mth 10. No credit is allowed for this course if it is completed after Mth 101 or any other more advanced course in mathematics.

Mth 101. College Algebra. 4 hours. (PSC)

Prerequisite: one and one-half years of high-school algebra, or Mth 100.

Mth 102. Trigonometry. 4 hours. (PSC)

Prerequisite: Mth 101.

Mth 103. Analytic Geometry. 4 hours. (PSC)

Prerequisite: Mth 102.

Mth 108. Mathematics of Finance. 4 hours. (PSC)

Simple and compound interest and discount, annuities, periodic-payment plans, bonds, depreciation, and other topics related to business. Prerequisite: Mth 101.

Mth 111. Mathematics for Elementary Teachers. 3 hours. (PSC)

Treatment of historical aspects of mathematics, social uses and relationships, mathematical principles, development of problem-solving ability and proficiency in the fundamental skills of mathematical processes.

Mth 200. Calculus With Analytic Geometry. (First Term) 4 hours. (PSC)

A unified treatment of analytic geometry and calculus; equivalent of Mth 103 and 207, 208, 209.

Mth 209. Calculus. (Third Term) 4 hours. (PSC)

Standard sequence for students of science and engineering. Prerequisite: Mth 103.

Mth 311, 312. Advanced Mathematics. (First and Second Terms) 3 hours. (PSC)

Advanced college algebra, theory of equations, and advanced Euclidean plane geometry. Prerequisite: Mth 103 or equivalent. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Mth 331, 332. Differential Equations. 3 hours. (PSC)

Ordinary and partial differential equations. Prerequisite: Mth 203. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Mth 407. Seminar: Selected Topics in Analysis. 3 hours. (PSC)**Mth 407. Seminar: Selected Topics in Applied Mathematics.** 3 hours. (PSC)**Mth 425, 426. Elements of Statistical Methods.** (g) (First and Second Terms) 3 hours each. (UO)

A basic sequence in statistical analysis; not intended for mathematics majors. Presentation of data; sampling theory; tests of significance; analysis of variance and covariance; regression and correlation; sequential analysis; design of experiments; distribution-free techniques. Prerequisite: one year of high-school algebra; junior standing. Registration for less than full sequence will not be accepted until June 18, and then only over the instructor's signature.

Mth 507. Seminar: Selected Topics in Modern Algebra. 3 hours. (OSU)**Mth 507. Seminar: Selected Topics in Modern Geometry.** 3 hours. (OSU)

Music

Mus 190. Applied Music. 1-2 hours. (PSC)

Freshman year. Individual instruction in organ, piano, violin, cello, harp, voice, orchestral and band instruments. Attendance at class sessions and recitals required. Prerequisite: qualifying examination. By arrangement.

Mus 195. Band. 1 hour. (PSC)

Six hours maximum credit.

Mus 197. Chorus. 1 hour. (PSC)

Six hours maximum credit.

Mus 290. Applied Music. 1-2 hours. (PSC)

Sophomore year. Continuation of Mus 190, which is prerequisite. By arrangement.

Mus 302, 303. Survey of Music and Music Literature. (Second and Third Terms) 3 hours each. (PSC)

A survey of music literature presented chronologically with special emphasis on the relationships, in each significant period, between music and the other arts.

Mus 323. Choral Conducting. 2 hours. (PSC)

The principles of conducting and training choral organizations.

Mus 381, 382. Music Fundamentals. 3 hours each. (PSC)

Basic musicianship for the elementary teacher, developed through experiences relevant to the classroom. Required of majors in elementary education. Prerequisite to Mus 382: Mus 381 or consent of instructor.

Mus 383. Music Fundamentals (Teacher Education). 3 hours. (PSC)

Experience in teaching the various music activities found in the elementary class-

room. Required of majors in elementary education. Prerequisite: Mus 381 and 382, or consent of instructor.

***Mus 390. Applied Music.** 1-2 hours. (PSC)

Junior year. Individual instruction in organ, piano, violin, cello, harp, voice, orchestral and band instruments. One or two lessons a week. Attendance at class sessions and recitals required. Prerequisite: Mus 290 or equivalent and qualifying examination for upper-division standing. By arrangement.

Mus 395. Band. 1 hour. (PSC)

Six hours maximum credit.

Mus 397. Chorus. 1 hour. (PSC)

Six hours maximum credit.

Mus 407. Seminar: Music History. (G) 3 hours. (UO)

Mus 407. Seminar: Twelve-Tone Music. (G) 3 hours. (UO)

Theoretical and practical study of the twelve-tone system by Schoenberg.

Mus 407. Seminar: Creative Music. (G) 3 hours. (UO)

Composition for solo instruments and small ensembles.

Mus 442. Advanced Conducting. (G) (Second Term) 3 hours. (UO)

The routine and technique of conducting. Problems of the symphony orchestra and choral groups. Score reading. Actual practice in conducting. Prerequisite: Mus 211, 212, 213 or equivalent; consent of instructor.

Mus 490. Applied Music. 1-2 hours. (PSC)

Senior year. Continuation of Mus 390, which is prerequisite. By arrangement.

Mus 508. Workshop: Percussion. 3 hours. (UO)

(See Special Programs Section.)

Music Education

MuE 533. Music in the Elementary School. 3 hours. (UO)

Theory, supervision, curriculum, materials, and procedures of vocal music teaching in the elementary school. Research in problems involving music and related areas of instruction.

Philosophy

Phl 201. Problems of Philosophy. 3 hours. (PSC)

An introduction to some of the persistent problems and great systems of philosophy through reading and discussion of selected source materials.

Phl 202. Elementary Ethics. 3 hours. (PSC)

The course develops the idea of man as a moral agent and considers critically various interpretations of the ideals and standards of moral conduct.

Phl 203. Elementary Logic. 3 hours. (PSC)

An introductory study of the standard forms of reasoning. Exercise in recognizing, analyzing, criticizing, and constructing the main types of argument and proof.

* A maximum of 18 hours of Applied Music (Mus 190, 290, 390, 490) is acceptable as credit toward graduation.

Phl 301. History of Philosophy. (First Term) 3 hours. (PSC)

A study of Western philosophy from the pre-Socratic Greek philosophers to Hegel.

Phl 450. Philosophical Classics. (First Term) 3 hours. (PSC)

Intensive study of selected philosophical classics of metaphysics and epistemology. (Plato's Republic.)

Physical Education

PE 180. Physical Education (Women). 1 hour. (PSC)

A variety of activities taught for physiological and recreational values. Special sections for restricted and corrective work. A total of five terms in different activities required.

Section III (Badminton) :

Section IV (Volleyball) :

Section V (Badminton) :

PE 190. Physical Education (Men). 1 hour. (PSC)

A variety of activities taught for physiological and recreational values. Special sections for restricted and corrective work. A total of five terms in different activities required.

Section III (Badminton) :

Section IV (Volleyball) :

Section V (Badminton) :

PE 294. Professional Activities (Women): (Rhythms). 2 hours. (PSC)

For professional students: instruction and practice in specific teaching techniques with basic skills.

PE 295. Professional Activities (Men): (Rhythms). 2 hours. (PSC)

For professional students: instruction and practice in specific teaching techniques and basic skills.

PE 341. Principles and Practices of Physical Education. 3 hours. (PSC)

An interpretative study and analysis of the principles and practices of physical education, through their historical development and in their present application and significance.

PE 480. Driver Education and Training. (G) 3 hours. (OSU)

(See Special Programs Section.)

PE 515. History and Theories of Physical Education. 3 hours. (UO)

The history of physical education from the Greeks to modern times; emphasis on modern development.

PE 516. Intramural Organization and Management. 3 hours. (UO)

Nature and purpose of intramural programs; history of their development. Departmental organization. Relationship of the program to physical-education instruction. Administrative problems.

Physics

Ph 101, 102, 103. Essentials of Physics. 3 hours. (PSC)

Fundamental principles of physics for students not majoring in science. Prerequisite: Mth 10 or equivalent. Not open to students who have completed Ph 201,

202, 203 or Ph 207, 208. 209. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Ph 520. Astronomy. 3 hours. (OSU)

The solar system; star types and groupings; astronomical instruments. Prerequisite: two years of physical science including one year of college physics; graduate standing.

Ph 581. Modern Physics. (First Term) 3 hours. (OSU)

Atom models and atomic radiation; radioactivity; photoelectricity; thermionic emission, x-rays. Prerequisite: two years of physical science including one year of college physics, graduate standing.

Political Science

PS 201, 202. American Governments. (First and Second Terms) 3 hours each. (PSC)

The American political system in theory and practice. The Constitution and constitutionalism; problems of federalism; political behavior, parties, pressure groups, and elections; Congress and the legislative process; the Presidency and modern bureaucracy; the Supreme Court and judicial policymaking; Major problems of public policy: government, the economy, and the general welfare; national security and foreign policy; guarantees of civil liberties, due process of law, and equal rights.

PS 407. Seminar: Current Problems in Urban and Local Government. 3 hours. (PSC)

A survey of trends and issues in state and local government. A comprehensive analysis of the major problems in this rapidly moving field, with emphasis on the most important aspects of metropolitan government and intergovernmental relations.

PS 414. Political Parties. (g) 3 hours. (OCE)

The nature, organization, and operation of political parties; election and recall of officers; proportional representation; initiative and referendum; the role of public relations and advertising agencies.

PS 427. Government and Politics of the Soviet Union. (G) (First Term) 3 hours. (UO)

Governmental institutions and political processes in the Soviet Union.

PS 454. Competing Ideologies in the World Today. (G) 3 hours. (UO)

PS 507. Seminar: Current Problems in Urban and Local Government. 3 hours. (UO)

A survey of trends and issues in state and local government. A comprehensive analysis of the major problems in this rapidly moving field, with emphasis on the most important aspects of metropolitan government and intergovernmental relations.

Psychology

Psy 201, 202, 203. General Psychology. 3 hours each. (PSC)

Basic principles and theories of behavior. Discussion of individual differences, intelligence, aptitude, methods of psychological measurement and testing, drives

and motives, emotions and reactions to stress, perception, learning, thinking, reasoning, personality; the response mechanism, communication processes, attitudes and social processes, frontiers of psychology. Sophomore standing is recommended.

Psy 311. Human Development. 3 hours. (PSC)

Development of the child as an individual and as a member of social groups. Included is a comparative study of different home and school environments as they influence the psychological growth of the child. Field projects supplement the class work. Primarily for majors in education. Prerequisite: Psy 201, 202.

Psy 335. Counseling and Testing. 3 hours. (PSC)

A survey of counseling and interviewing techniques, use of psychological tests in support of counseling procedures. Prerequisite: Psy 201, 202, 203.

Psy 345. The Psychology of Motivation. 3 hours. (PSC)

Conditions, principles, and theories of human motivation. Critical examinations of the use of motivational theory in the social sciences and related fields. Prerequisite: Psy 201, 202, 203.

Psy 346. Psychology of Learning. 3 hours. (PSC)

Conditions, principles, and theories of learning. Assessment of experimental methods and results in relation to current theory. Prerequisite: Psy 201, 202, 203.

Psy 411. Mental Hygiene. (g) 3 hours. (OSU)

Principles and application of mental hygiene to problems of individual in home, school, and occupational situations. Prerequisite: Psy 314 or equivalent.

Psy 421. Principles and Methods of Psychological Assessment. (g) (First Term) 3 hours. (UO)

Application of psychological methods to the study of the individual; theoretical and statistical rationale of test construction and interpretation; problems involved in the prediction of human behavior; survey of psychological assessment techniques. Prerequisite: Mth 425 or equivalent.

Psy 432. Personality. (First Term) 3 hours. (PSC)

Personality structure and theory. Prerequisite: Psy 201, 202, 203; Mth 425, 426 or equivalent.

Psy 450. Abnormal Psychology. (g) 3 hours. (UO)

Various forms of unusual behavior, including anxiety states, hysteria, hypnotic phenomena, and psychoses. Normal motives and adjustment mechanism considered in their exaggerations in the so-called neurotic person.

Psy 460. Developmental Psychology I: Infancy and Childhood. (g) 3 hours. (UO)

Development of behavior and psychological activity through the prenatal period, infancy, childhood, adolescence, maturity, and old age. Changes of intelligence, motor capacity, emotional response, language, and social behavior. Emphasis on social influences on development.
(Also see Ed 460).

Psy 461. Developmental Psychology II: Adolescence and Maturity. (g) 3 hours. (UO)

Development of behavior and psychological activity through the prenatal period, infancy, childhood, adolescence, maturity, and old age. Changes of intelligence, motor capacity, emotional response, language, and social behavior. Emphasis on social influences on development.
(Also see Ed 461).

Psy 473. Individual Differences. (g) (First Term) 3 hours. (OSU)

Theories of personality; experimental evidence on individual differences; evaluation of differences; guiding and directing normal development. Prerequisite: Psy 371 or equivalent. Prerequisite for 473: Psy 472.

Psy 480. Psychological Tests and Testing. (g) (Third Term) 3 hours. (OSU)

Third term: Group testing. Theory and practice of psychological testing; supervised practice in administration, scoring, and interpretation of individual mental tests; analysis of group tests of intelligence, personality, interest, etc. Prerequisite: Psy 371 or equivalent. Prerequisite for 480: Psy 478.

Psy 524, 525. Individual Intelligence Testing. 3 hours. (UO)

Supervised practice in the administration, scoring, and interpretation of intelligence tests, chiefly the Stanford-Binet, the Wechsler intelligence scale for children, and the Wechsler adult intelligence scale. Prerequisite: Psy 421.

Recreation

Rec. 407. Seminar: To be announced. (UO)

Rec 407-507. Seminar: Camping Education and Counseling. 3 hours. (UO)

(See Special Programs Section.)

Rec 408-508. Workshop: Program Planning in Outdoor Education. 3 hours. (UO)

(See Special Programs Section.)

Rec 554. Problems of Camp Management. 3 hours. (UO)

(See Special Programs Section.)

Religion

R 407. Seminar: Contemporary Religious Thought. 3 hours. (OSU)

An examination of the relationship between some contemporary literary existentialists such as Camus, Sartre, Eliot, and some contemporary theologians such as Tillich, Buber, and Niebuhr.

R 419. Philosophy of Religion. (g) (First Term) 3 hours. (UO)

Concepts of reality and human nature within a religious perspective. Major ideas of deity, patterns of reasoning concerning God as personal being, the problems of evil.

R 462. History of Great Religions. 3 hours. (OSU)

Comparative study of religions that command a large following today, such as Hinduism, Buddhism, Confucianism, Judaism, Christianity, and Islam.

Romance Languages

French

***RL 101, 102, 103. Second-Year French.** 4 hours each. (PSC)

* Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

- *RL 314, 315, 316. Intermediate French Composition and Conversation.** 2 hours each. (PSC)

Exercises in pronunciation, comprehension, and composition. Ample opportunity for conversation. Prerequisite: two years of college French or equivalent.

- *RL 331, 332, 333. French Pronunciation and Phonetics.** 2 hours each. (PSC)

A thorough study of the fundamentals of French pronunciation with personal attention to each student's difficulties. Prerequisite: two years of college French or equivalent.

Spanish

- *RL 347, 348, 349. Intermediate Spanish Composition and Conversation.** 2 hours each. (PSC)

Fundamentals of pronunciation. Extensive oral and written practice. Conducted in Spanish. Prerequisite: two years of college Spanish or equivalent.

- RL 407. Seminar: Spanish Applied Linguistics.** (G) 3 hours. (UO)

(See Special Programs Section.)

Russian

- *SL 101, 102, 103. Second-Year Russian.** 4 hours each. (PSC)

Science Education

- SEd 407-507. Seminar: Conservation Education (Basic).** 3 hours. (OSU)

(See Special Programs Section.)

- SEd 407-507. Seminar: Conservation Education (Advanced).** 3 hours. (OSU)

(See Special Programs Section.)

- SEd 407-507. Seminar: Radiation and Health.** 3 hours. (OSU)

(See Special Programs Section.)

- SEd 431. School Health Problems.** (G) 3 hours. (OSU)

Maintenance of health of school children; communicable diseases; school sanitation; planning of school buildings; hygiene of instruction.

- SEd 481. Alcohol Studies in School Curriculum.** (G) 3 hours. (OSU)

Incorporation of scientific information about alcohol in school curriculum; physiological, sociological, and legal aspects of alcoholism. Prerequisite: 24 hours upper division education.

- SEd 507. Seminar: Sex Education.** 3 hours. (OSU)

Analysis and evaluation of aspects of sex and reproduction fundamental to sex education; America's ethics; role of the home, the church, the school and other agencies in sex education; entire emphasis on the normal.

- SEd 507. Seminar: Health of the School-Age Child.** 3 hours. (OSU)

Study of the special health problems of the child and the school's opportunities and responsibilities.

*Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

SEd 508. Workshop: Resources in Health Education Relating to Smoking. 3 hours. (OSU)

(See Special Programs Section.)

Secretarial Science

SS 111. Stenography. (First Term) 3 hours. (PSC)

Theory of shorthand; practical applications in sentence dictation. SS 121, 122 must be taken concurrently unless the student has had the equivalent. Students with one year of shorthand are not permitted to take the course SS 111 for credit.

SS 121, 122. Typing. (First and Second Terms) 2 hours each. (PSC)

Theory and practice of touch typing; rhythmical drills, dictation exercises; writing; punctuation and mechanical arrangements of business correspondence, legal forms, tabulating, manifold, speed practice. Students with one year or more of typing are not permitted to take SS 121 for credit.

SS 215. Business Machines. 3 hours. (PSC)

Use and operation of various office equipment and machines.

SS 241, 242. Office Practice. 3 hours each. (PSC)

General survey course of all office problems and procedures, including typing, filing, statistical work and personnel. No shorthand required. Students may register for one number only.

Social Science

SSc 494. American Foreign Relations. (g) 3 hours. (OCE)

The origin, character, and consequences of American foreign policies from 1900.

Sociology

Soc 204, 205, 206. General Sociology. 3 hours each. (PSC)

The basic findings of sociology concerning the individual culture, group life, social institutions, and factors of social change. Soc 204, 205 are prerequisites to Soc 206, or consent of instructor. Open to freshmen.

Soc 212. Introduction to Sociology. 3 hours. (PSC)

An abridgment of Soc 204, 205, 206. Not open to students who have taken Soc 204, 205, 206. Designed for engineering and business administration students.

Soc 335. Social Psychology. (Second Term) 3 hours. (PSC)

Analysis of the psychological and sociological processes in personality formation and in various forms of group behavior. Particular attention to origin, function, ideology, membership and leadership. Prerequisite: Soc 204, 205 or Psy 201, 202.

Soc 338. Marriage and the Family. 3 hours. (PSC)

The growth and development of the family throughout its life cycle. The family and personality development, dating, courtship, mate selection, engagement, marital and family adjustment, family crises. Prerequisite: junior standing or consent of instructor.

Soc 361. Social Organization. 3 hours. (PSC)

Introduction to the structural analysis of social groups; focus on institutions; formal organization; bureaucracies, voluntary associations and communities. Prerequisite: Soc 204, 205 or Anth 207, 208, 209, or consent of instructor.

Soc 407. Seminar: Social Welfare Resources and Organization. (G) 3 hours. (UO)

The various types of social welfare resources which teachers, nurses, and other professionals can use to help people with social and emotional problems, methods of organizing these resources for the meeting of human needs.

Soc 417. Criminology and Delinquency. (G) (Second Term) 3 hours. (UO)

Second term: Delinquency. The nature and extent of delinquency and crime as forms of deviant social behavior; contributing factors; current prevention and treatment programs. Prerequisite: Soc 204, 205; or Psy 201, 202; or Soc 307.

Soc 507. Seminar: Group Process. 6 hours. (UO)

(See Special Programs Section.)

Soc 507. Seminar: Rehabilitation of the Mentally Ill. 3 hours. (UO)

The rehabilitation process is seen as a hospital-community continuum and is developed from the standpoint of resocialization, in particular stressing the functions and interactions of the roles in the hospital and community systems and in their interrelations. The general conceptual framework is contemporary social psychiatric theory. This is an intensive program of study and students are expected to read certain assigned literature and to prepare reports and papers.

Soc 508. Workshop: Intergroup Relations. 3 hours. (UO)

(See Special Programs Section.)

Speech

Sp 33. Workshop: High School Forensics. (Students). (2) Non-credit. (UO)

(See Special Programs Section.)

Sp 111, 112. Fundamentals of Speech. (First and Second Terms) 3 hours each. (PSC)

Projects in extempore speaking. Emphasis on content and organization of the speech, but attention also to poise, effective delivery, and command of the language.

Sp 211. Interpretation. 2 hours. (PSC)

The oral interpretation of literature including prose and poetry. Aimed at a study of the meaning in selected pieces of literature as well as at an effective communication of meaning to others.

Sp 321. Argumentation, Discussion, and Persuasion. (First Term) 3 hours. (PSC)

Theory and application of logic and motivation in decision-making. Prerequisite: Sp 111.

Speech Correction

Sp 370. Phonetics. 3 hours. (PSC)

A study of sounds used in speech; determination of sounds; their symbolic nature; their production; physical and psychological problems involved in their perception. No prerequisite.

Sp 371. Speech Science. 3 hours. (UO)

A study of the anatomy, psychology, and physics of speech.

Sp 414. Teaching Speech in the Secondary School. 3 hours. (PSC)

Methods and materials. Instruction in speech practices and projects for the high school classroom and extra-curricular program. Especially recommended for all teachers of language arts on the secondary level.

Sp 424. Speech Forms and Techniques in Group Control. (g) 3 hours. (UO)

Forms and techniques of public speaking as they relate to leadership in special situations: forums; symposiums; panels; parliamentary procedures; speech to convince, inspire, actuate. Special attention to the needs of administrative personnel. Class will be conducted on the workshop basis.

Sp 481, 483. Speech Pathology. (G) (First and Third Terms) 3 hours each. (UO)

Symptoms, causes, and treatment of speech abnormalities. Functional articulatory defects, delayed speech, emotional speech disorders; public school speech correction, specific techniques in the diagnosis and treatment of major speech problems. Prerequisite: Sp 370, 371 or consent of instructor.

Sp 484, 485, 486. Clinical Speech Therapy. (G) 2 hours each. (UO)

Supervised clinical work with speech-defective children and adults, enrolled for counseling, testing, and treatment in the Speech and Hearing Clinic; group discussion of case histories and techniques. Prerequisite: Sp 481, 482 or consent of instructor.

Sp 488. Audiology. (G) (Second Term) 3 hours. (UO)

The auditory function, hearing impairment, and the education or re-education of persons with hearing loss. Auditory tests and their clinical interpretation, selection and use of hearing aids. Prerequisite: Sp 370, 371 or consent of instructor.

Sp 507. Seminar: Advanced Procedures and Techniques in the Treatment of Articulation Disorders. 6 hours. (UO)

Consideration will be given to a review and consolidation of current examination and treatment materials available in the Speech Pathology field, with special attention being given to articulation deviations found in school age children at all levels. Course will include demonstrations of typical articulation problems and application of current practices for the speech clinic. Attention will be given to special articulation problems arising from organic speech disorders. Consent of instructor required.

Sp 507. Seminar: Advanced Practicum in Clinical Procedures in Speech Correction. 9-12 hours. (UO)

Writing

Wr 111, 112, 113. English Composition. 3 hours. (PSC)

The principles and forms of composition, including the library research paper; effective expression of the student's ideas through impromptu and prepared essays on topics of some significance, with special attention to organization. Mastery of the basic mechanics of English expression is presupposed. Wr 111 is a prerequisite for Wr 112, and Wr 112 is a prerequisite for Wr 113. These 9 hours are not acceptable toward fulfillment of Humanities requirements.

Wr 214. Business English. 3 hours. (PSC)

Study of modern practices in business correspondence, primarily for students of business administration. Analysis and writing of the principal types of correspondence. Prerequisite: Wr 111, 112, 113.

Wr 411. English Composition for Teachers. (g) 3 hours. (UO)

For students expecting to teach English in high school. Practice in writing and a review of the rules of composition. Recommended for satisfaction of the high-school teaching requirement in English.

Zoology

Z 577. Ornithology. 3 hours. (OSU)

Lectures on classification, distribution, habitat requirements, migration, nesting, and other life habits of birds. Laboratory and field trips on bird identification. Prerequisite: two years of biological science.

Z 578. Field Natural History. 3 hours. (OSU)

PORTLAND SUMMER TERM - 1963

8-Week Term

Starting at 7:00 a.m.

Number	Course Title	Sec.	Day	Class Ends	Instructor	Room
PE 180.	Physical Education: Badminton (Women)	3	MTuWTh	7:50;	Tichy	Gym OM
PE 190.	Physical Education: Badminton (Men)	3	MTuWTh	7:50;	Tichy	Gym OM

Starting at 8:00 a.m.

BA 385.	Accounting Theory (July 23-August 9)	1	MTuWTh	10:50;	Mathies	149 SH
Ec 201.	Principles of Economics	1	MTuWTh	8:50;	Vagar	345 SH
Ec 411.	Monetary and Banking Theory (G)	1	MTuWTh	8:50;	Blumel	301 SH
Anth 101.	General Anthropology	1	MTuWTh	8:50;	Newman	224 SH
AA 203.	Survey of Visual Arts	1	MTuWTh	8:50	Eglenaki	490 SPH
AA 311.	Creative Arts and Crafts for the Classroom Teacher	1	MTuWTh	9:50;	Colescott	235 SPH
AA 312.	Creative Arts and Crafts for the Classroom Teacher	1	MTuWTh	9:50;	Tetzner	335 SPH
Bi 231, 232, 233.	Human Anatomy and Physiology					
Bi 231.	Human Anatomy and Physiology (June 17-July 2)					
	Lecture 8-10:00	1	MTuWTh		Crawford	312 OM
	Lab 10-1:00	1	MTuWTh		Crawford	312 OM
Bi 232.	Human Anatomy and Physiology (July 3-July 22)					
	Lecture 8-10:00	1	MTuWTh		Crawford	312 OM
	Lab 10-1:00	1	MTuWTh		Crawford	312 OM
Bi 233.	Human Anatomy and Physiology (July 23-August 9)					
	Lecture 8-10:00	1	MTuWTh		Crawford	312 OM
	Lab 10-1:00	1	MTuWTh		Crawford	312 OM
BA 222.	Elements of Finance	1	MTuWTh	8:50;	Hugon	145 SH
BA 383, 384, 385.	Accounting Theory					
BA 383.	Accounting Theory (June 17-July 2)	1	MTuWTh	10:50;	Mathies	149 SH
BA 384.	Accounting Theory (July 3-July 22)	1	MTuWTh	10:50;	Mathies	149 SH
BA 385.	Accounting Theory (July 23-August 9)	1	MTuWTh	10:50;	Mathies	149 SH
Ed 356.	Methods and Materials: Reading in the Elementary School	1	MTuWThF	8:50;	Phelps	207 OM
Ed 428.	Psychology of Reading Instruction (G)	1	MTuWTh	8:50;	Otto	347 SPH
Ed 432.	Junior High School Guidance (G)	1	MTuWTh	9:50;	Ludwig	103 OM
Ed 451.	Preprimary Education (G)	1	MTuWTh	8:50;	Alkin	113 OM
Ed 461.	Psychology of Adolescence (G)	1	MTuWTh	8:50;	Reed	105 OM
Ed 463.	Diagnostic and Remedial Techniques in Reading	1	MTuWTh	8:50;	Bentall	345 SPH
Ed 469.	Remedial Techniques in the Basic Skills (G)	1	MTuWTh	8:50;	Brown, Judith	356 SPH
Ed 468.	Reading in High School and College (G)	1	MTuWTh	8:50;	Bentall	345 SPH
Ed 476.	School Law and Organization (G)	1	MTuWTh	8:50;	Ozibov	112 OM
Ed 485.	Principles and Practices of Guidance Services (G)	1	MTuWTh	8:50;	Barney	225 SH
Ed 527.	Secondary-School Administration and Supervision	1	MTuWTh	8:50;	Ditto	217 OM
Ed 533.	Psychological Aspects of Vocations	1	MTuWTh	8:50;	Manning	221 SH
Ed 535.	Social Studies in the Elementary School	1	MTuWTh	8:50;	Bingham	208 OM
Ed 538.	Mathematics in the Elementary School	1	MTuWTh	8:50;	Ashback	347 SH
Ed 577.	Counselor Training: Group Procedures	1	MTuWTh	8:50;	Grenfell	154 SH
Ed 595.	Methods in Secondary-School Science	1	MTuWTh	8:50;	Wik	218 OM
Eng 388.	Children's Literature and Library	1	MTuWTh	8:50;	Petersen	215 OM
Eng 436.	Advanced Shakespeare (g)	1	MTuWTh	8:50;	Childs	352 SPH
Eng 491.	Introduction to Modern English (g)	1	MTuWTh	8:50;	Boggs	338 SPH
GS 101, 102, 103.	General Biology					
GS 101.	General Biology (June 17-July 2)					
	Lecture-8-10:00	1	MTuWTh		Wirts	101 OM
	Laboratory A-10-12 Noon	1	MTuWTh		Marr	310 OM
	Laboratory B-12:30-2:30	1	MTuWTh		Marr	310 OM
GS 101.	General Biology (June 17-July 2)					
	Lecture-10-12:00 Noon	2	MTuWTh		Lippert	101 OM
	Laboratory C-8-10:00	2	MTuWTh		Lippert	317 OM
	Laboratory D-12:30-2:30	2	MTuWTh		Doty	317 OM
GS 102.	General Biology (July 3-July 22)					
	Lecture-8-10:00	1	MTuWTh		Wirts	101 OM
	Laboratory A-10-12:00 Noon	1	MTuWTh		Marr	310 OM
	Laboratory B-12:30-2:30	1	MTuWTh		Marr	310 OM
GS 102.	General Biology (July 3-July 22)					
	Lecture-10-12:00 Noon	2	MTuWTh		Lippert	101 OM
	Laboratory C-8-10:00	2	MTuWTh		Lippert	317 OM
	Laboratory D-12:30-2:30	2	MTuWTh		Doty	317 OM
GS 103.	General Biology (July 23-August 9)					
	Lecture-8-10:00	1	MTuWTh		Wirts	101 OM
	Laboratory A-10-12:00 Noon	1	MTuWTh		Marr	310 OM
	Laboratory B-12:30-2:30	1	MTuWTh		Marr	310 OM

Number	Course Title	Sec.	Day	Ends	Instructor	Room
GS 103.	General Biology (July 23-August 9)					
	Lecture—10-12:00 Noon	2	MTuWTh		Lippert	101 OM
	Laboratory C—8-10:00	2	MTuWTh		Lippert	317 OM
	Laboratory D—12:30-2:30	2	MTuWTh		Doty	317 OM
GS 104, 105, 106.	Physical Science					
GS 104.	Physical Science (June 17-July 2)					
	Lecture—10-12:00 Noon	1	MTuWTh		Lange	53 SH
	Laboratory A—8-10:00	1	MTuWTh		Herron	212 OM
	Laboratory B—12:30-2:30	1	MTuWTh		Herron	212 OM
GS 105.	Physical Science (July 3-July 22)					
	Lecture—10-12:00 Noon	1	MTuWTh		Lange	53 SH
	Laboratory A—8-10:00	1	MTuWTh		Herron	212 OM
	Laboratory B—12:30-2:30	1	MTuWTh		Herron	212 OM
GS 106.	Physical Science (July 23-August 9)					
	Lecture—10-12:00 Noon	1	MTuWTh		Lange	53 SH
	Laboratory A—8-10:00	1	MTuWTh		Herron	212 OM
	Laboratory B—12:30-2:30	1	MTuWTh		Herron	212 OM
GS 411.	History of Science (g)	1	MTuWTh; 8:50		Lange	301 OM
Geog 106.	Introductory Geography	1	MTuWTh; 8:50		Poulson	283 SH
Geog 107.	Introductory Geography	1	MTuWTh; 8:50		Courtney	371 SH
Geog 305.	Economic Geography	1	MTuWTh; 8:50		Northam	283 SH
G 352.	Geology of Oregon	1	MTuTh; 9:50		Van Atta	1 SH
GL 101, 102, 103.	Second-Year German					
GL 101.	Second-Year German (June 17-July 2)	1	MTuWThF; 10:50		Vehvilainen	49 SPH
GL 102.	Second-Year German (July 3-July 22)	1	MTuWThF; 10:50		Vehvilainen	49 SPH
GL 103.	Second-Year German (July 23-August 9)	1	MTuWThF; 10:50		Vehvilainen	49 SPH
HED 507.	Seminar: Evaluation of Home Making Instruction (June 17-July 12)	1	MTuWTh; 9:50		O'Reilly	102 OM
Hst 101.	History of Western Civilization	1	MTuWTh; 8:50		Farah	150 SH
Hst 350.	History of Hispanic America	1	MTuWTh; 8:50		Schiff	101 SH
Hst 478.	History of the Pacific Northwest (g)	1	MTuWTh; 8:50		Gilmore	103 SH
Lib 481.	Bibliography and Reference (G)	1	MTuWTh; 8:50		Fletcher	341 SPH
MIM 507.	Seminar: Industrial Administration	1	MW; 9:50		Ziebarth	249 SH
Mth 10.	Elements of Algebra	2	MTuWTh; 8:50		Bennett	213 OM
Mth 331, 332.	Differential Equations					
Mth 331.	Differential Equations (June 17-July 12)	1	MTuWTh; 9:50		Tauber	303 SH
Mth 332.	Differential Equations (July 15-August 9)	1	MTuWTh; 9:50		Tauber	303 SH
Mth 507.	Seminar: Selected Topics in Modern Algebra	1	MTuWTh; 8:50		Byrne	110 OM
Mus 302.	Survey of Music and Music Literature	1	MTuWTh; 8:50		Turrell	349 SH
MuE 533.	Music in the Elementary School	1	MTuWTh; 8:50		Albertson	449 SH
Phil 201.	Problems of Philosophy	1	MTuWTh; 8:50		Polonoff	435 SPH
PS 201.	American Governments	1	MTuWTh; 8:50		Haggard	228 SH
PS 407.	Seminar: Current Problems in Urban and Local Governments	1	MW; 9:50		Lee, Dorothy	224 SH
PS 507.	Seminar: Current Problems in Urban and Local Governments	1	MW; 9:50		Lee, Dorothy	224 SH
Pay 421.	Principles and Methods of Psychological Assessment (g)	1	MTuWTh; 8:50		Boyd, Robert	163 SH
Pay 461.	Developmental Psychology II: Adolescence and Maturity (g)	1	MTuWTh; 8:50		Reed	105 OM
Pay 480.	Psychological Tests and Testing	1	MTuWTh; 8:50		Brody, E.	104 OM
SS 215.	Business Machines	1	MTuWTh; 8:50		Oliver	324 SH
Soc 204.	General Sociology	1	MTuWTh; 8:50		Metsger	271 SH
Soc 417.	Criminology and Delinquency (G)	1	MWTh; 8:50		Dahlberg	41 SPH
Sp 211.	Interpretation	1	MTuWTh; 8:50		Drum	171 SH
Sp 481.	Speech Pathology (G)	1	MTuWTh; 8:50		Blakeley	37 SPH
Sp 507.	Seminar: Advanced Procedures and Techniques in the Treatment of Articulation Disorders (July 15-August 9)	1	MTuWThF; 11:50		Ainsworth	43 SPH
Wr 111.	English Composition	1	MTuWTh; 8:50		Hoffman	433 SPH

Starting at 9:00 a.m.

AA 448.	History of Oriental and Eastern Art	1	MTuWTh; 9:50		Eglenski	490 SPH
BA 111.	Constructive Accounting	1	MTuWTh; 9:50		Tassin	224 SH
BA 221.	Elements of Production	1	MTuWTh; 9:50		Williams	145 SH
Ch 226, 227.	Organic Chemistry					
Ch 226.	Organic Chemistry (June 17-July 12)					
	Lecture—9-11:00	1	MTuThF;		Roberti	301 OM
	Laboratory—12-4:00	1	MTuThF;		Ferguson	362 OM
Ch 227.	Organic Chemistry (July 15-August 9)					
	Lecture—9-11:00	1	MTuThF;		Roberti	301 OM
	Laboratory—12-4:00	1	MTuThF;		Roberti	362 OM
Ec 212.	Outlines of Economics	1	MTuWTh; 9:50		Halley	345 SH
Ec 327.	Labor Legislation	1	MTuWTh; 9:50		Lovell	347 SH
Ed 310.	School in American Life	1	MTuWTh; 9:50		Cramer	217 OM
Ed 344.	Physical Education in the Grades	1	MTuWThF; 9:50		Victors	Gym OM
Ed 356.	Methods and Materials: Reading in the Elementary School	2	MTuWThF; 9:50		Bingham	207 OM
Ed 440.	History of Education (G)	1	MTuWTh; 9:50		Riddles	112 OM
Ed 484.	The Junior High School (G)	1	MTuWTh; 9:50		Patton	221 SH
Ed 487.	Counseling Techniques (G)	1	MTuWTh; 9:50		Barney	225 SH
Ed 537.	Reading in the Elementary School	1	MTuWTh; 9:50		Phelps	208 OM
Ed 562.	Issues in Extreme Learning Difficulty	1	MTuWTh; 9:50		Otto	347 SPH

Hourly Schedule Supplement

Note: Special summer programs are listed elsewhere in this bulletin.

Number	Course Title	Sec.	Day	Ends	Instructor	Room
Ed 576.	School Buildings	1	MTuWTh	9:50;	Timmons	104 OM
Ed 588.	Supervised Counseling Techniques	1	MTuWTh	9:50;	Grenfell	154 SH
Eng 108.	World Literature	1	MTuWTh	9:50;	Weiss	338 SPH
Eng 203.	Shakespeare	1	MTuWTh	9:50;	Dahlstrom	352 SPH
Eng 488.	Literature for Teachers (g)	1	MTuWTh	9:50;	Ford	345 SPH
Geog 103.	Introductory Geography	1	MTuWTh	9:50;	Rudd	371 SH
Geog 435.	Urban Geography (G)	1	MTuWTh	9:50;	Northam	383 SH
Geog 463.	Geography of Middle America (G)	1	MTuWTh	9:50;	Courtney	283 SH
HE 150.	Health Education	2	F;	10:30;	Tichey	196 SH
Hst 201.	History of the United States	1	MTuWTh	9:50;	Kerr	101 SH
Hst 419.	Studies in Western Civilization (G)	1	MTuWTh	9:50;	Farah	150 SH
Hst 460.	American Thought and Culture (g)	1	MTuWTh	9:50;	Carlin	158 SH
Lib 484.	School Library Administration (G)	1	MTuWTh	9:50;	Fletcher	341 SPH
Mth 100.	Intermediate Algebra	2	MTuWThF	9:50;	Bennett	213 OM
Mus 381.	Music Fundamentals	1	MTuWTh	9:50;	Albertson	449 SH
Mus 407.	Seminar: Creative Music (G)	1	MTuWTh	9:50;	Crowley	349 SH
Phil 202.	Elementary Ethics	1	MTuWTh	9:50;	Polonoff	435 SPH
Ph 101, 102, 103.	Essentials of Physics					
Ph 101.	Essentials of Physics (June 17-July 2)					
	Lecture—9-11:00	1	MTuWTh		Gurevitch	110 OM
	Laboratory—11-2:00	1	MTuWTh		Johnson, R.	2 OM
Ph 102.	Essentials of Physics (July 3-July 22)					
	Lecture—9-11:00	1	MTuWTh		Gurevitch	110 OM
	Laboratory—11-2:00	1	MTuWTh		Johnson, R.	2 OM
Ph 103.	Essentials of Physics (July 23-August 9)					
	Lecture—9-11:00	1	MTuWTh		Gurevitch	110 OM
	Laboratory—11-2:00				MTuWTh; Johnson, R.	20 M
PS 202.	American Governments	1	MTuWTh	9:50;	Dean	228 SH
Psy 201.	General Psychology	2	MTuWTh	9:50;	staff	301 SH
Psy 524.	Individual Intelligence Testing	1	MTuWTh	9:50;	Boyd, Robert	183 SH
RL 101, 102, 103.	Second-Year French					
RL 101.	Second-Year French (June 17-July 2)	1	MTuWThF	11:50;	Hiraoka/Beddawi	358 SPH
RL 102.	Second-Year French (July 3-July 22)	1	MTuWThF	11:50;	Hiraoka/Beddawi	358 SPH
RL 103.	Second-Year French (July 23-August 9)	1	MTuWThF	11:50;	Hiraoka/Beddawi	358 SPH
RL 347, 348, 349.	Intermediate Spanish Composition and Conversation					
RL 347.	Intermediate Spanish Composition and Conversation (June 17-July 2)	1	MTuWThF	10:30;	Ricciardelli	387 SPH
RL 348.	Intermediate Spanish Composition and Conversation (July 3-July 22)	1	MTuWThF	10:30;	Ricciardelli	387 SPH
RL 349.	Intermediate Spanish Composition and Conversation (July 23-August 9)	1	MTuWThF	10:30;	Ricciardelli	387 SPH
SED 481.	Alcohol Studies in School Curriculum (G)	1	MTuWTh	9:50;	Forrier	45 SH
SS 241.	Office Practice	1	MTuWTh	9:50;	Oliver	321 SH
SS 242.	Office Practice	1	MTuWTh	9:50;	Oliver	321 SH
SL 101, 102, 103.	Second-Year Russian					
SL 101.	Second-Year Russian (June 17-July 2)	1	MTuWThF	11:50;	d'Ermengard	396 SPH
SL 102.	Second-Year Russian (July 3-July 22)	1	MTuWThF	11:50;	d'Ermengard	396 SPH
SL 103.	Second-Year Russian (July 23-August 9)	1	MTuWThF	11:50;	d'Ermengard	396 SPH
Soc 206.	General Sociology	1	MTuWTh	8:50;	Colfax	271 SH
Soc 338.	Marriage and the Family	1	MTuWTh	9:50;	Drum	171 SH
Sp 112.	Fundamentals of Speech	1	MTuWTh	9:50;	Bartl	41 SPH
Sp 370.	Phonetics	1	MTuWTh	9:50;	Montgomery	37 SPH
Wr 111.	English Composition	2	MTuWTh	9:50;	Carrier	433 SPH

Starting at 10:00 a.m.

Anth 361.	Race and Culture	1	MTuWTh	10:50;	Newman	145 SH
AA 257.	Jewelry and Metalsmithing	1	MTuWTh	11:50;	Morton	292 SPH
AA 290.	Painting	1	MTuWTh	11:50;	Heidel	241 SPH
AA 291.	Drawing	1	MTuWTh	11:50;	Eglenski	243 SPH
AA 311.	Creative Arts and Crafts for the Classroom Teacher	2	MTuWTh	11:50;	Tetzner	335 SPH
AA 312.	Creative Arts and Crafts for the Classroom Teacher	2	MTuWTh	11:50;	Colescott	235 SPH
AA 495.	Advanced Design Theory	1	MTuWTh	11:50;	Muller	201 SPH
Bi 231, 232, 233.	Human Anatomy and Physiology					
Bi 231.	Human Anatomy and Physiology (June 17-July 2)					
	Laboratory	1	MTuWTh	1:00;	Crawford	312 OM
Bi 232.	Human Anatomy and Physiology (July 3-July 22)					
	Laboratory	1	MTuWTh	1:00;	Crawford	312 OM
Bi 233.	Human Anatomy and Physiology (July 23-August 9)					
	Laboratory	1	MTuWTh	1:00;	Crawford	312 OM
Ec 203.	Principles of Economics	1	MTuWTh	10:50;	Blumel	301 SH
Ec 407.	Seminar: The Common Market (G)	1	MTuWTh	10:50;	Brinkman	347 SH
Ed 263.	Camp Counseling	1	MTuWTh	10:50;	Westcott	121 OM
Ed 310.	School in American Life	2	MTuWTh	10:50;	Ferrier	45 SH
Ed 312.	Educational Psychology: Learning	1	MTuWTh	10:50;	Bursch, C.	217 OM
Ed 358.	Methods and Materials: Language Arts and Social Science	1	MTuWThF	10:50;	Sigborn	207 OM
Ed 359.	Methods and Materials: Science and Mathematics	1	MTuWThF	10:50;	Glauser	208 OM

Number	Course Title	Sec.	Day	Ends	Instructor	Room
Ed 439.	The Gifted Child (G)	1	MTuWTh	10:50	Wilson	225 SH
Ed 460.	Psychology of Childhood (G)	1	MTuWTh	10:50	Langford	113 OM
Ed 486.	Occupational and Educational Information (G)	1	MTuWTh	10:50	Manning	224 SH
Ed 507.	Seminar: Reading and Telling Children's Stories	1	MTuWTh	10:50	Petersen	218 OM
Ed 511.	Recent Educational Trends and Problems	1	MTuWTh	10:50	Riddles	112 OM
Ed 512.	Research Procedures in Education	1	MTuWTh	10:50	Patton	221 SH
Ed 522.	Secondary-School Curriculum	1	MTuWTh	10:50	Hansford	105 OM
Ed 537.	Reading in the Elementary School	2	MTuWTh	10:50	Bentall	345 SPH
Ed 575.	School Finance	1	MTuWTh	10:50	Cramer	217 OM
Eng 106.	Appreciation of Literature	1	MTuWTh	10:50	Carrier	343 SPH
Eng 407.	Seminar in Special Authors: Shelley and Keats (G)	1	MTuWTh	10:50	Boggs	338 SPH
Eng 457.	Forms and Meaning of Poetry (g)	1	MTuWTh	10:50	Childs	352 SPH
Geog 106.	Introductory Geography	2	MTuWTh	10:50	Rudd	383 SH
Geog 420.	Political Geography (G)	1	MTuWTh	10:50	Poulsen	283 SH
G 351.	Elements of Geology	1	MTuTh	11:50	Van Atta	1 SH
HE 252.	First Aid	1	MTuWTh	10:50	Washke	345 SH
Hst 102.	History of Western Civilization	1	MTuWTh	10:50	Dmytryshyn	150 SH
Hst 431.	Renaissance (G)	1	MTuWTh	10:50	Schiff	147 SH
Hst 480.	The United States in the Twentieth Century (g)	1	MTuWTh	10:50	Carlin	158 SH
Hum 511.	Contemporary Developments in the Humanities	1	MTuWTh	10:50	Childs	341 SPH
Mth 102.	Trigonometry	1	MTuWThF	10:50	Choban	213 OM
Mth 311, 312.	Advanced Mathematics					
Mth 311.	Advanced Mathematics (June 17-July 12)	1	MTuWTh	11:50	Broussard	102 OM
Mth 312.	Advanced Mathematics (July 15-August 9)	1	MTuWTh	11:50	Broussard	102 OM
Mth 407.	Seminar: Selected Topics in Analysis	1	MTuWTh	10:50	Harris	215 OM
Mus 383.	Music Fundamentals (Teacher Education)	1	MTuWTh	10:50	Foster	449 SH
Phil 203.	Elementary Logic	1	MTuWTh	10:50	Newhall	435 SPH
PE 180.	Physical Education: Badminton (Women)	1	MTuWTh	10:50	Tichy	Gym OM
PE 190.	Physical Education: Badminton (Men)	1	MTuWTh	10:50	Tichy	Gym OM
PE 294.	Professional Activities (Women): (Rhythms)	1	MTuWTh	10:50	Victors	219 OM
PE 295.	Professional Activities (Men): (Rhythms)	1	MTuWTh	10:50	Victors	219 OM
Pay 201.	General Psychology	1	MTuWTh	10:50	Smith, Ron	303 SH
Pay 203.	General Psychology	1	MTuWTh	10:50	Karr	228 SH
Pay 311.	Human Development	2	MTuWTh	10:50	Powloski	171 SH
Pay 460.	Developmental Psychology I: Infancy and Childhood (g)	1	MTuWTh	10:50	Langford	113 OM
Pay 525.	Individual Intelligence Testing	1	MTuWTh	10:50	Boyd, Robert	183 SH
R 407.	Seminar: Contemporary Religious Thought	1	MTuWTh	10:50	Hovland	154 SH
*SL 101, 102, 103.	Second-Year Russian					
SL 101.	Second-Year Russian (June 17-July 2)	1	MTuWThF	12:50	d'Ermengard	396 SPH
SL 102.	Second-Year Russian (July 3-July 22)	1	MTuWThF	12:50	d'Ermengard	396 SPH
SL 103.	Second-Year Russian (July 23-August 9)	1	MTuWThF	12:50	d'Ermengard	396 SPH
SS 111.	Stenography	1	MTuWTh	10:50	Backlund	328 SH
Soc 335.	Social Psychology	1	MTuWTh	10:50	Metzger	271 SH
Sp 111.	Fundamentals of Speech	1	MTuWTh	10:50	Dahlberg	39 SPH
Wr 111.	English Composition	3	MTuWTh	10:50	Hoffman	433 SPH
Wr 113.	English Composition	1	MTuWTh	10:50	staff	397 SPH
Wr 214.	Business English	1	MTuWTh	10:50	McIntosh	356 SPH

Starting at 10:30 a.m.

RL 314, 315, 316.	Intermediate French Composition and Conversation					
RL 314.	Intermediate French Composition and Conversation (June 17-July 2)	1	MTuWThF	11:50	staff	385 SPH
RL 315.	Intermediate French Composition and Conversation (July 3-July 22)	1	MTuWThF	11:50	staff	385 SPH
RL 316.	Intermediate French Composition and Conversation (July 23-August 9)	1	MTuWThF	11:50	staff	385 SPH

Starting at 11:00 a.m.

Anth 407.	Seminar: Cultural Change in Under-developed Areas (g)	1	MTuWTh	11:50	Gilson	147 SH
Anth 407.	Seminar: The Meaning of Evolution (g)	1	MTuWTh	11:50	Newman	149 SH
BA 223.	Elements of Marketing	1	MTuWTh	11:50	Dodge, R. E.	183 SH
Ec 407.	Seminar: Principles and Problems of Government Finance (G)	1	MTuWTh	11:50	Blumel	301 SH
Ec 450.	Comparative Economic Systems (g)	1	MTuWTh	11:50	Halley	345 SH
Ed 312.	Educational Psychology: Learning	3	MTuWTh	11:50	Malter	104 OM
Ed 351.	School Health Programs	1	MTuWTh	11:50	Westcott	121 OM
Ed 358.	Methods and Materials: Language Arts and Social Science	2	MTuWThF	11:50	Sigborn	207 OM
Ed 359.	Methods and Materials: Science and Mathematics	2	MTuWThF	11:50	Glauser	208 OM
Ed 390.	Enriching Children's Reading	1	MTuWTh	11:50	Petersen	218 OM
Ed 424.	Measurement in Education (G) (UO)	1	MTuWTh	11:50	Gadzella	112 OM
Ed 427.	School Activities (G)	1	MTuWTh	11:50	Hansford	105 OM
Ed 429.	Principles of Remedial Education (G)	1	MTuWTh	11:50	McMenemy	356 SPH
Ed 446.	Philosophy of Education	1	MTuWTh	11:50	Guy	45 SH

Hourly Schedule Supplement

Note: Special summer programs are listed elsewhere in this bulletin.

Ed 485.	Principles and Practices of Guidance Services (G)	2	MTuWTh; 11:50;	Bowers	103 SH
Ed 487.	Counseling Techniques (G)	2	MTuWTh; 11:50;	Barney	225 SH
Ed 507.	Seminar: Human Relations in School Administration	1	MTuWTh; 11:50;	Azzarelli	347 SH
Ed 507.	Seminar: Administration in the Junior High School (June 17-July 12)	1	MTuWTh; 12:50;	Ludwig	103 OM
Ed 589.	Organization and Administration of Guidance Services	1	MTuWTh; 11:50;	Manning	221 SH
Ed 593.	Methods in Secondary-School Language Arts	1	MTuWTh; 11:50;	Browne	217 OM
Eng 104.	Appreciation of Literature	1	MTuWTh; 11:50;	Johnson, S.	343 SPH
Eng 202.	Shakespeare	1	MTuWTh; 11:50;	Lill	338 SPH
Eng 253.	Survey of American Literature	1	MTuWTh; 11:50;	Oliver	433 SPH
Eng 312.	Tragedy, Comedy, and Satire	1	MTuWTh; 11:50;	Dahlstrom	352 SPH
Eng 407.	Seminar in Special Authors: Hawthorne and Melville (G)	1	MTuWTh; 11:50;	Ford	345 SPH
Geog 415.	Geographic Backgrounds of European History	1	MTuWTh; 11:50;	Courtney	383 SH
Geog 427.	Geography of the Soviet Union (G)	1	MTuWTh; 11:50;	Poulsen	283 SH
Hst 103.	History of Western Civilization	1	MTuWTh; 11:50;	Norman	150 SH
Hst 453.	History of Germany (G)	1	MTuWTh; 11:50;	Carbone	145 SH
Hst 485.	Early History of the American People (G)	1	MTuWTh; 11:50;	Frazier	158 SH
Lib 488.	Books and Related Materials for Young People (G)	1	MTuWTh; 11:50;	Fletcher	341 SPH
Mth 103.	Analytic Geometry	1	MTuWTh; 11:50;	Choban	213 OM
Mth 111.	Mathematics for Elementary Teachers	2	MTuWTh; 11:50;	Stanton	215 OM
Mth 507.	Seminar: Selected Topics in Modern Geometry	1	MTuWTh; 11:50;	Krakowski	110 OM
Mus 382.	Music Fundamentals	1	MTuWTh; 11:50;	Albertson	449 SH
Mus 442.	Advanced Conducting (G)	1	MTuWTh; 11:50;	Stehn	453 SH
PE 180.	Physical Education: Volleyball (Women)	2	MTuWTh; 11:50;	Tichy	Gym OM
PE 190.	Physical Education: Volleyball (Men)	2	MTuWTh; 11:50;	Tichy	Gym OM
Ph 101.	Essentials of Physics (June 17-July 2)				
	Lecture—9-10:50	1	MTuWTh;	Gurevitch	110 OM
	Lab—11-11:50	1	MTuWTh;	Johnson, R.	2 OM
Ph 102.	Essentials of Physics (July 3-July 22)				
	Lecture—9-10:50	1	MTuWTh;	Gurevitch	110 OM
	Lab—11-11:50	1	MTuWTh;	Johnson, R.	2 OM
Ph 103.	Essentials of Physics (July 23-August 9)				
	Lecture—9-10:50	1	MTuWTh;	Gurevitch	110 OM
	Lab—11-11:50	1	MTuWTh;	Johnson, R.	2 OM
Phl 203.	Elementary Logic	2	MTuWTh; 11:50;	Glossop	435 SPH
Phl 301.	History of Philosophy	1	MTuWTh; 11:50;	Polonoff	397 SPH
PS 454.	Competing Ideologies in the World Today (G)	1	MTuWTh; 11:50;	Dean	228 SH
Psy 202.	General Psychology	1	MTuWTh; 11:50;	Smith, Ron	303 SH
Psy 311.	Human Development	4	MTuWTh; 11:50;	Alkin	113 OM
R 419.	Philosophy of Religion (g)	1	MTuWTh; 11:50;	Hovland	154 SH
SEd 431.	School Health Problems (G)	1	MTuWTh; 11:50;	Koaki	349 SH
Soc 361.	Social Organization	1	MTuWTh; 11:50;	Colfax	171 SH
SS 122.	Typing	1	MTuWTh; 11:50;	Backlund	328 SH
Sp 111.	Fundamentals of Speech	3	MTuWTh; 11:50;	Roberts	39 SPH
Sp 321.	Argumentation, Discussion, and Persuasion	1	MTuWTh; 11:50;	Bartl	37 SPH
Sp 371.	Speech Science	1	MTuWTh; 11:50;	Casteel & English	41 SPH
Wr 411.	English Composition for Teachers (g)	1	MTuWTh; 11:50;	Boggs	387 SPH
Z 578.	Field Natural History				
	Lecture—11-11:50	1	MTuW;	Wirtz	373 OM
	Lab—1-3:50	1	Th;	Wirtz	373 OM

Starting at 12:00 Noon

AA 313.	Creative Arts and Crafts for the Classroom Teacher	1	MTuWTh; 1:50;	Morton	335 SPH
BA 238.	Salesmanship	1	MTuWTh; 12:50;	Schmelzlee	225 SH
BA 359.	Finance Management	1	MTuWTh; 12:50;	Hugon	145 SH
BA 435.	General Insurance	1	MTuWTh; 12:50;	Strickler	147 SH
Ed 810.	School in American Life	3	MTuWTh; 12:50;	Ferrier	45 SH
Ed 812.	Educational Psychology: Learning	2	MTuWTh; 12:50;	Patton	221 OM
Ed 408.	Special Secondary Methods: Social Sciences	1	MTuWTh; 12:50;	Goddard	217 OM
Ed 460.	Psychology of Childhood (G)	2	MTuWTh; 12:50;	Langford	113 OM
Ed 464.	The Mentally Retarded Child (G)	1	MTuWTh; 12:50;	Reed	105 OM
Ed 467.	Applied Mental Hygiene (G)	1	MTuWTh; 12:50;	Nunokawa	102 OM
Ed 485.	Principles and Practices of Guidance Services (G)	3	MTuWTh; 12:50;	Bowers	103 SH
Ed 491.	Social Education (G)	1	MTuWTh; 12:50;	Williams	104 OM
Ed 536.	Language Arts in the Elementary School	1	MTuWTh; 12:50;	Phelps	208 OM
Ed 543.	History of American Education	1	MTuWTh; 12:50;	Riddles	112 OM
Ed 554.	Elementary-School Supervision and Administration	1	MTuWTh; 12:50;	Buelke	347 SH
Eng 255.	Survey of American Literature	1	MTuWTh; 12:50;	Johnson	343 SPH
Eng 414.	History of Literary Criticism (G)	1	MTuWTh; 12:50;	Dahlstrom	352 SPH
Geog 105.	Introductory Geography	2	MTuWTh; 12:50;	Rudd	371 SH
Geog 306.	Economic Geography	1	MTuWTh; 12:50;	Northam	383 SH

Number	Course Title	Sec.	Day	Ends Instructor	Room
Hst 202.	History of the United States	1	MTuWTh:	12:50; Frazier	101 SH
Hst 342.	Europe Since 1789	1	MTuWTh:	12:50; Stevens	150 SH
Mth 200.	Calculus With Analytic Geometry	1	MTuWThF:	12:50; Rempfer	213 OM
Mth 407.	Seminar: Selected Topics in Applied Mathematics	1	MTuWTh:	12:50; Tauber	303 SH
Mth 425, 426.	Elements of Statistical Methods (g)				
Mth 425.	Elements of Statistical Methods (g)				
	(June 17-July 12)	1	MTuWTh:	1:50; Harris	301 SH
Mth 426.	Elements of Statistical Methods (g)				
	(July 15-August 9)	1	MTuWTh:	1:50; Harris	301 SH
Mus 197.	Chorus	1	TuTh:	12:50; Foster	453 SH
Mus 323.	Choral Conducting	1	TuTh:	12:50; Foster	453 SH
Mus 397.	Chorus	1	TuTh:	12:50; Foster	453 SH
PE 515.	History and Theories of Physical Education	1	MTuWTh:	12:50; Washke	218 OM
Ph 581.	Modern Physics	1	MTuWTh:	12:50; Gurevitch	101 OM
Phl 450.	Philosophical Classics	1	MTuWTh:	12:50; Newhall	397 SPH
Psy 311.	Human Development	3	MTuWTh:	12:50; Powloski	171 SH
Psy 345.	Counseling and Testing	1	MTuWTh:	12:50; Karr	228 SH
Psy 411.	Mental Hygiene	1	MTuWTh:	12:50; Nunokawa	102 OM
Psy 460.	Developmental Psychology I: Infancy and Childhood (g)	2	MTuWTh:	12:50; Langford	113 OM
SEd 507.	Seminar: Sex Education	1	MTuWTh:	12:50; Koski	349 SH
SS 121.	Typing	1	MTuWTh:	12:50; Backlund	328 SH
SSE 494.	American Foreign Relations (g)	1	MTuWTh:	12:50; Widmayer	224 SH
Soc 205.	General Sociology	1	MTuWTh:	12:50; Metzger	271 SH
Soc 212.	Introduction to Sociology	1	MTuWTh:	12:50; Colfax	158 SH
Sp 111.	Fundamentals of Speech	2	MTuWTh:	12:50; Montgomery	39 SPH
Sp 414.	Teaching Speech in the Secondary School	1	MTuWTh:	12:50; Roberts	43 SPH
Wr 112.	English Composition	1	MTuWTh:	12:50; Weiss	433 SPH

Starting at 1:00 p.m.

Anth 417.	The American Indian (G)	1	MTuWTh:	1:50; Dusenberry	103 SH
AA 290.	Painting	2	MTuWTh:	2:50; Muller	241 SPH
AA 292.	Water Color	1	MTuWTh:	2:50; Prasch	243 SPH
AA 397.	Advanced Figure Composition	1	MTuWTh:	2:50; Heidel	249 SPH
ArE 411.	Methods and Research Materials: Art in Elementary Schools (G)	1	MTuWTh:	2:50; Tetaner	335 SPH
BA 239.	Advertising	1	MTuWTh:	1:50; Schmeltzlee	224 SH
BA 407.	Seminar: Financial Institutions	1	MTuWTh:	1:50; Strickler	147 SH
BA 411.	Business Law	1	MTuWTh:	1:50; Dehner	221 SH
Ec 441.	International Economics (G)	1	MTuWTh:	1:50; Brinkman	347 SH
Ed 814.	Principles of Secondary Teaching	1	MTuWTh:	1:50; James, Don	104 OM
Ed 851.	School Health Programs	2	MTuWThF:	1:50; Westcott	121 OM
Ed 408.	Special Secondary Methods: Science	1	MTuWTh:	1:50; Hale	217 OM
Ed 424.	Measurement in Education (G) (OCE)	2	MTuWTh:	1:50; Gadzella	112 OM
Ed 435.	Audio-Visual Aids	1	MTuWTh:	1:50; Malter	208 OM
Ed 442.	Group Dynamics	1	TuTh:	2:50; Bingham	207 OM
Ed 461.	Psychology of Adolescence (G)	2	MTuWTh:	1:50; Langford	113 OM
Ed 465.	Diagnostic Techniques in the Basic Skills (G)	1	MTuWTh:	1:50; McMenemy	356 SPH
Ed 493.	Observation and Evaluation of Teaching	1	MTuWThF:	1:50; Sigborn	Shattuck School
Ed 507.	Seminar: Simulated Experience in School Administration	1	MTuWTh:	3:50; Azzarelli	345 SH
Ed 524.	Construction and Use of Objective Examinations	1	MTuWTh:	1:50; Bursch	103 OM
Ed 546.	Philosophy of Education	1	MTuWTh:	1:50; Guy	101 OM
Ed 565.	Curriculum Foundations	1	MTuWTh:	1:50; Hansford	105 OM
Eng 102.	Survey of English Literature	1	MTuWTh:	1:50; Lill	338 SPH
Eng 386.	Contemporary Literature	1	MTuWTh:	1:50; Hart	345 SPH
Eng 481.	Major American Writers: Emerson, Dickinson (G)	1	MTuWTh:	1:50; Oliver	433 SPH
Geog 432.	Geography of Africa (G)	1	MTuWTh:	1:50; Brooke	383 SH
G 550.	Rocks and Minerals	1	MTuWTh:	2:50; Van Atta	1 SH
Hst 203.	History of the United States	1	MTuWTh:	1:50; Schiff	101 SH
Hst 391.	Far East in Modern Times	1	MTuWTh:	1:50; Norman	150 SH
Hst 447.	History of Russia (G)	1	MTuWTh:	1:50; Dmytryshyn	149 SH
Hst 530.	European History: Problems and Interpretations	1	MTuWTh:	1:50; Carbone	158 SH
Mth 101.	College Algebra	1	MTuWThF:	1:50; Stanton	215 OM
Mth 209.	Calculus (June 17-July 12)	1	MTuWThF:	1:50; Broussard	102 OM
Mus 407.	Seminar: Music History (G)	1	MTuWTh:	1:50; Turrell	349 SH
PE 516.	Intramural Organization and Management	1	MTuWTh:	1:50; Washke	218 OM
PS 341.	Principles and Practices of Physical Education	1	MTuWTh:	1:50; Tichy	213 OM
Ph 520.	Astronomy	1	MW:	2:50; Dolan	301 OM
Phl 201.	Problems of Philosophy	2	MTuWTh:	1:50; Glossop	435 SPH
Psy 203.	General Psychology (For Nurses Only)	2	TuTh:	2:50; Wilcox	53 SH
Psy 311.	Human Development	1	MTuWTh:	1:50; Wilson	225 SH
Psy 335.	Counseling and Testing	1	MTuWTh:	1:50; Smith, Ron	303 SH
Psy 346.	Psychology of Learning	1	MTuWTh:	1:50; Powloski	171 SH
Psy 461.	Developmental Psychology II: Adolescence and Maturity (g)	2	MTuWTh:	1:50; Langford	113 OM
Psy 473.	Individual Differences (g)	1	MTuWTh:	1:50; Karr	228 SH
R 462.	History of Great Religions	1	MTuWTh:	1:50; Howland	154 SH

Number	Course Title	Sec.	Day	Ends	Instructor	Room
RL 314, 315, 316.	Intermediate French Composition and Conversation					
RL 314.	Intermediate French Composition and Conversation (June 17-July 2)	1	MTuWThF	2:30;	Hiraoka/Beddawi	358 SPH
RL 315.	Intermediate French Composition and Conversation (July 3-July 22)	1	MTuWThF	2:30;	Hiraoka/Beddawi	358 SPH
RL 316.	Intermediate French Composition and Conversation (July 23-August 9)	1	MTuWThF	2:30;	Hiraoka/Beddawi	358 SPH
Sp 488.	Audiology (G) (June 17-July 12)	1	MTuWTh	2:50;	Young	87 SPH

Starting at 2:00 p.m.

Anth 441.	Linguistics (G)	1	MTuWTh	2:50;	Dusenberry	103 SH
Ed 424.	Measurements in Education (G) (OSU)	3	MTuWTh	2:50;	Gadzella	112 OM
Ed 435.	Audio-Visual Aids	2	MTuWTh	2:50;	Malter	208 OM
Ed 460.	Psychology of Childhood (G)	3	MTuWTh	2:50;	Wilson	225 SH
Ed 534.	Science in the Elementary School	1	MTuWTh	2:50;	Sheldon	218 OM
Ed 553.	Elementary School Curriculum	1	MTuWTh	2:50;	Williams	104 OM
Ed 561.	Advanced Education Psychology	1	MTuWTh	2:50;	Bursch	103 OM
Ed 573.	Public School Organization	1	MTuWTh	2:50;	Buelke	137 SH
Psy 432.	Personality	1	MTuWTh	2:50;	Nunokawa	102 OM
Psy 460.	Developmental Psychology I: Infancy and Childhood (g)	3	MTuWTh	2:50;	Wilson	225 SH
SEd 507.	Seminar: Health of the School Age Child	1	MTuWTh	2:50;	Koski	349 SH
Wr 113.	English Composition	2	MTuWTh	2:50;	Hart	397 SPH

Starting at 3:00 p.m.

Ed 534.	Science in the Elementary School	2	MTuWTh	3:50;	Sheldon	218 OM
Ed 566.	Curriculum Construction	1	MTuWTh	3:50;	Williams	104 OM
Ed 574.	School Supervision	1	MTuWTh	3:50;	Buelke	347 SH
Psy 450.	Abnormal Psychology (g)	1	MTuWTh	3:50;	Nunokawa	102 OM
Soc 407.	Seminar: Social Welfare Resources and Organization (G)	1	TuTh	4:50;	Drum	171 SH

Starting at 6:00 p.m.

Anth 381.	Language and Culture	1	TuTh	7:50;	Dusenberry	101 SH
Anth 407.	Seminar: Religion, Society, and the Individual (g)	1	MW	7:50;	Gillon	145 SH
AA 195.	Basic Design	1	MW	8:30;	Morton	335 SPH
AA 217.	Lettering	1	Tu	8:30;	Svarin	335 SPH
AA 290.	Painting	3	TuTh	8:30;	Prasch	241 SPH
AA 313.	Creative Arts and Crafts for the Classroom Teacher	2	MW	8:30;	Colescott	235 SPH
BA 111.	Constructive Accounting	2	MW	7:50;	Ellefson	103 SH
BA 122.	Principles of Management	1	TuTh	7:50;	Williams	145 SH
BA 314.	Principles of Cost Accounting	1	MW	7:50;	Tassin	224 SH
BA 407.	Seminar: Property Acquisition and Management	1	MW	7:50;	Strickler	147 SH
BA 414.	Real Estate Law	1	TuTh	7:50;	Dehner	221 SH
BA 436.	Investments	1	TuTh	7:50;	Hugon	147 SH
BA 460.	Purchasing	1	TuTh	7:50;	Schmelzlee	225 SH
BA 463.	Retail Management	1	TuTh	7:50;	Dodge, R. E.	183 SH
Ch 234.	Quantitative Analysis	1				
	Lecture					
	Laboratory					
Ec 488.	American Economic History (G)	1	MWTh	7:15;	Johnson, C. and/	801 OM
Ed 10.	Reading Improvement	1	MWTh	7:15-10:00 pm	Moore	806 OM
Ed 389.	Reading and Telling Children's Stories	1	MW	7:50;	Brinkman	183 SH
Ed 471.	Administration of Special Education (G)	1	TuTh	7:50;	Jenkins	102 OM
Eng 109.	World Literature	1	MW	7:50;	La Riviere	245 SH
Eng 201.	Shakespeare	1	W	9:50;	Gubser	345 SPH
Eng 254.	Survey of American Literature	1	MW	7:50;	Weiss	338 SPH
Eng 371.	The Novel	1	TuTh	7:50;	Hart	345 SPH
FN 225.	Nutrition	1	MW	7:50;	Ford	343 SPH
Hst 101.	History of Western Civilization	1	TuTh	7:50;	Carrier	343 SPH
Hst 425.	Early Modern Europe (G)	1	TuTh	7:50;	Lowry	245 SH
Hst 445.	Europe Since 1939 (G)	2	MW	7:50;	Fedde	150 SH
Hst 469.	Twentieth-Century England (G)	1	MW	7:50;	Farah	149 SH
Hst 470.	Social Factors in American History (G)	1	TuTh	7:50;	Dmytryshyn	150 SH
Hst 473.	American Foreign Relations (G)	1	TuTh	7:50;	Stevens	103 SH
Hst 488.	American Economic History (G)	1	TuTh	7:50;	Korr	158 SH
Hum 10.	Colloquium on Great Philosophers	1	MW	7:50;	Korr	158 SH
Hum 11.	The Literature of Utopia—Dreams or Nightmares	1	MW	7:50;	Brinkman	183 SH
MIM 452.	Special Problems in Transportation and Traffic Management (G)	1	TuTh	7:50;	Newhall	247 SH
MIM 507.	Administration of the Marketing Function	1	MW	7:50;	Bierman	247 SH
Mth 10.	Elements of Algebra (June 17-July 12)	1	TuTh	7:50;	Ziebarth	249 SH
Mth 100.	Intermediate Algebra (July 15-August 9)	1	MW	7:50;	staff	249 SH
Mth 100.	Intermediate Algebra	1	MTuWTh	8:30;	Rogers	104 OM
Mth 103.	Analytic Geometry	3	MTuWTh	8:30;	Rogers	104 OM
Mth 108.	Mathematics of Finance	2	TuTh	8:30;	Sabharwal	103 OM
Mth 111.	Mathematics for Elementary Teachers	1	MW	8:30;	Sabharwal	103 OM
		1	MW	8:30;	Flanagan	105 OM
		1	TuTh	7:50;	Flanagan	105 OM

Number	Course Title	Sec.	Day	Instructor	Room
Mus 303.	Survey of Music and Music Literature	1	MW; 7:50;	Trudeau	349 SH
PS 414.	Political Parties (g)	1	TuTh; 7:50;	Haggard	228 SH
PS 427.	Government and Politics of the Soviet Union (G)	1	MW; 7:50;	Widmayer	228 SH
SS 111.	Stenography	2	MW; 7:50;	Hinton	328 SH
SS 121.	Typing	2	TuTh; 7:50;	Hinton	328 SH
Sp 111.	Fundamentals of Speech	4	MW; 7:50;	Dahlberg	39 SPH
Sp 111.	Fundamentals of Speech	5	TuTh; 7:50;	Baril	39 SPH
Sp 424.	Speech Forms and Techniques in Group Control (g)	1	MW; 7:50;	Montgomery	37 SPH
Wr 111.	English Composition	4	TuTh; 7:50;	staff	201 SH
Wr 112.	English Composition	2	MW; 7:50;	Johnson	203 SH
Wr 113.	English Composition	3	TuTh; 7:50;	Hoffman	203 SH
Wr 214.	Business English	2	TuTh; 7:50;	McIntosh	37 SPH

Starting at 6:30 p.m.

Soc 507.	Seminar: Rehabilitation of the Mentally Ill (June 17-July 12)	1	MW; 9:30;	James, John	201 SH
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Starting at 7:00 p.m.

Mus 195.	Band	1	TuTh; 8:50;	Solie	453 SH
Mus 395.	Band	1	TuTh; 8:50;	Solie	453 SH
Mus 407.	Seminar: Twelve-Tone Music (G)	1	TuTh; 8:50;	Crowley	249 SH

Starting at 8:00 p.m.

BA 112.	Constructive Accounting	1	MW; 9:50;	Ellefson	103 SH
BA 113.	Constructive Accounting	1	TuTh; 9:50;	Tassin	224 SH
BA 366.	Marketing Management	1	TuTh; 9:50;	Dodge, R. E.	183 SH
BA 416.	Real Estate Principles	1	TuTh; 9:50;	Dehner	221 SH
Hst 201.	History of the United States	2	MW; 9:50;	Frazier	101 SH
Hst 449.	History of Russia (G)	1	TuTh; 9:50;	Norman	149 SH
Hst 458.	The Era of the Civil War (G)	1	TuTh; 9:50;	Carlin	101 SH
Hst 492.	World Problems (g)	1	MW; 9:50;	Carbone	150 SH
MIM 507.	Seminar: Industrial Administration	1	MW; 9:50;	Ziebarth	249 SH
PS 407.	Seminar: Current Problems in Urban and Local Government	1	MW; 9:50;	Lee, Dorothy	224 SH
PS 507.	Seminar: Current Problems in Urban and Local Government	1	MW; 9:50;	Lee, Dorothy	224 SH

To Be Arranged

AA 401.	Special Studies	1	To be arranged;	Heidel	245 SPH
Ed 401.	Research	1	To be arranged		
Ed 407.	Seminar: General and Special Methods for Internship	1	MTuWThF; Professional Quarter		214 OM
Ed 409.	Practicum: Remedial Education. Correction (G)	1	To be arranged		Shattuck School
Ed 409.	Practicum: Remedial Education. Diagnosis (G)	1	To be arranged		Shattuck School
Ed 415.	Student Teaching: Elementary	1	MTuWThF; To be arranged;	Low	Shattuck School
Ed 416.	Student Teaching: Secondary	1	MTuWThF; To be arranged;	Browne, H	Shattuck School
Ed 501.	Research	1	To be arranged		
Ed 501.	Research	2	To be arranged		
Ed 503.	Thesis	1	To be arranged		
Ed 505.	Reading and Conference	1	To be arranged		
Ed 505.	Reading and Conference	2	To be arranged		
Ed 506.	Special Individual Studies	1	To be arranged		
Ed 509.	Practicum: Remedial Education	1	To be arranged;	Otto	
Hst 405.	Reading and Conference	1	To be arranged;	staff	
Hst 407.	Seminar	1	To be arranged;	staff	
Hst 420.	Historiography	1	To be arranged		
Mus 190.	Applied Music	1	To be arranged;	Stehn	
Mus 290.	Applied Music	1	To be arranged;	Stehn	
Mus 390.	Applied Music	1	To be arranged;	Stehn	
Mus 490.	Applied Music	1	To be arranged;	Stehn	
Sp 483.	Speech Pathology (G)	1	MTuWTh; To be arranged;	English, Casteel, Dupuis	90 SPH
Sp 484.	Clinical Speech Therapy (G)	1	MTuWTh; To be arranged;	English, Casteel, Dupuis	90 SPH
Sp 485.	Clinical Speech Therapy (G)	1	MTuWTh; To be arranged;	English, Casteel, Dupuis	90 SPH
Sp 486.	Clinical Speech Therapy (G)	1	MTuWTh; To be arranged;	English, Casteel, Dupuis	90 SPH
Sp 507.	Seminar: Advanced Practicum in Clinical Procedures in Speech Correction	1	MTuWThF; To be arranged;	Lillywhite	CCD

11-Week Term

Starting at 8:00 a.m.

Number	Course Title	Sec.	Day	Class Ends	Instructor	Room
Anth 207.	Introduction to Cultural Anthropology	11	MWF	8:50	Gilson	147 SH
AA 195.	Basic Design	11	MWF	9:50	Muller	201 SPH
BA 111, 112, 113.	Constructive Accounting					
BA 111.	Constructive Accounting (June 17-July 10)	11	MTuWTh	9:50	Savage	121 OM
BA 112.	Constructive Accounting (July 11-August 5)	11	MTuWTh	9:50	Savage	121 OM
BA 113.	Constructive Accounting (August 6-August 30)	11	MTuWTh	9:50	Savage	121 OM
Ch 104, 105, 106.	General Chemistry					
Ch 104.	Lab A (June 17-July 10)	11	MTuThF	10:30	Johnson, C.	304 OM
Ch 105.	Lab A (July 11-August 5)	11	MTuThF	10:30	Sabo	304 OM
Ch 106.	Lab A (August 6-August 30)	11	MTuThF	10:30	Boster	304 OM
Eng 104.	Appreciation of Literature	11	MWF	8:50	Selig	343 SPH
HE 150.	Health Education	11	F	8:50	Tichy	Gym OM
Hst 103.	History of Western Civilization	11	MWF	8:50	Stevens	153 SH
PE 180.	Physical Education: Badminton (Women)	11	MWTh	8:50	Tichy	Gym OM
PE 190.	Physical Education: Badminton (Men)	11	MWTh	8:50	Tichy	Gym OM
Sp 111.	Fundamentals of Speech	11	MWF	8:50	Roberts	39 SPH

Starting at 9:00 a.m.

Eng 107.	World Literature	11	MWF	9:50	Selig	343 SPH
Ph 201, 202, 203.	General Physics					
Ph 201.	Lecture (June 17-July 10)	11	MTuWTh	11:00	Sanford	103 SH
Ph 202.	Lecture (July 11-August 5)	11	MTuWTh	11:00	Sanford	103 SH
Ph 203.	Lecture (August 6-August 30)	11	MTuWTh	11:00	Sanford	103 SH
Soc 204.	General Sociology	11	MWF	9:50	Gilson	147 SH
Sp 111.	Fundamentals of Speech	12	MWF	9:50	Roberts	39 SPH

Starting at 10:00 a.m.

Bi 204, 205, 206.	General Zoology					
Bi 204.	Lecture (June 17-July 10)	11	MTuWTh	12:30	Malcolm	309 OM
Bi 205.	Lecture (July 11-August 5)	11	MTuWTh	12:30	Malcolm	309 OM
Bi 206.	Lecture (August 6-August 30)	11	MTuWTh	12:30	Malcolm	309 OM
BA 121.	Introduction to Business and Industry	11	MWF	10:50	Williams	104 OM
Geog 105, 106, 107.	Introductory Geography					
Geog 105.	Introductory Geography (June 17-July 10)	11	MTuWTh	11:50	Brooke	371 SH
Geog 106.	Introductory Geography (July 11-August 5)	11	MTuWTh	11:50	Brooke	371 SH
Geog 107.	Introductory Geography (August 6-August 30)	11	MTuWTh	11:50	Brooke	371 SH
GL 50, 51, 52.	First-Year German					
GL 50.	First-Year German (June 17-July 10)	11	MTuWTh	12:50	Jespersion	47 SPH
GL 51.	First-Year German (July 11-August 5)	11	MTuWTh	12:50	Jespersion	47 SPH
GL 52.	First-Year German (August 6-August 30)	11	MTuWTh	12:50	Jespersion	47 SPH
Hst 201, 202, 203.	History of the United States					
Hst 201.	History of the United States (June 17-July 10)	11	MTuWTh	11:50	Gilmore	101 SH
Hst 202.	History of the United States (July 11-August 5)	11	MTuWTh	11:50	Gilmore	101 SH
Hst 203.	History of the United States (August 6-August 30)	11	MTuWTh	11:50	Gilmore	101 SH
Ph 201, 202, 203.	General Physics					
Ph 201.	Lab A (June 17-July 10)	11	F	1:00	Sanford & Johnson	3 OM
Ph 202.	Lab A (July 11-August 5)	11	F	1:00	Sanford & Johnson	3 OM
Ph 203.	Lab A (August 6-August 30)	11	F	1:00	Sanford & Johnson	3 OM
RL 50, 51, 52.	First-Year French					
RL 50.	First-Year French (June 17-July 10)	11	MTuWTh	12:50	Suvajian	349 SPH
RL 51.	First-Year French (July 11-August 5)	11	MTuWTh	12:50	Suvajian	349 SPH
RL 52.	First-Year French (August 6-August 30)	11	MTuWTh	12:50	Suvajian	349 SPH
SL 50, 51, 52.	First-Year Russian					
SL 50.	First-Year Russian (June 17-July 10)	11	MTuWThF	12:50	Juodelka	347 SPH
SL 51.	First-Year Russian (July 11-August 5)	11	MTuWThF	12:50	Juodelka	347 SPH
SL 52.	First-Year Russian (August 6-August 30)	11	MTuWThF	12:50	Juodelka	347 SPH

Starting at 11:00 a.m.

Ch 104, 105, 106.	General Chemistry					
Ch 104.	Lecture (June 17-July 10)	11	MTuThF	12:30	Johnson, C.	301 OM
Ch 105.	Lecture (July 11-August 5)	11	MTuThF	12:30	Sabo	301 OM
Ch 106.	Lecture (August 6-August 30)	11	MTuThF	12:30	Boster	301 OM
PE 180.	Physical Education: Volleyball (Women)	12	MWTh	11:50	Tichy	Gym OM
PE 190.	Physical Education: Volleyball (Men)	12	MWTh	11:50	Tichy	Gym OM

Number	Course Title	Sec.	Day	Ends	Instructor	Room
Ph 201, 202, 203.	General Physics					
Ph 201.	Lab A (June 17-July 10)	11	MW;	2:00;	Sanford & Johnson	3 OM
	Lab B (June 17-July 10)	11	TuTh;	2:00;	Johnson, R.	3 OM
Ph 202.	Lab A (July 11-August 5)	11	MW;	2:00;	Sanford & Johnson	3 OM
	Lab B (July 11-August 5)	11	TuTh;	2:00;	Johnson, R.	3 OM
Ph 203.	Lab A (August 6-August 30)	11	MW;	2:00;	Sanford & Johnson	3 OM
	Lab B (August 6-August 30)	11	TuTh;	2:00;	Johnson, R.	3 OM

Starting at 1:00 p.m.

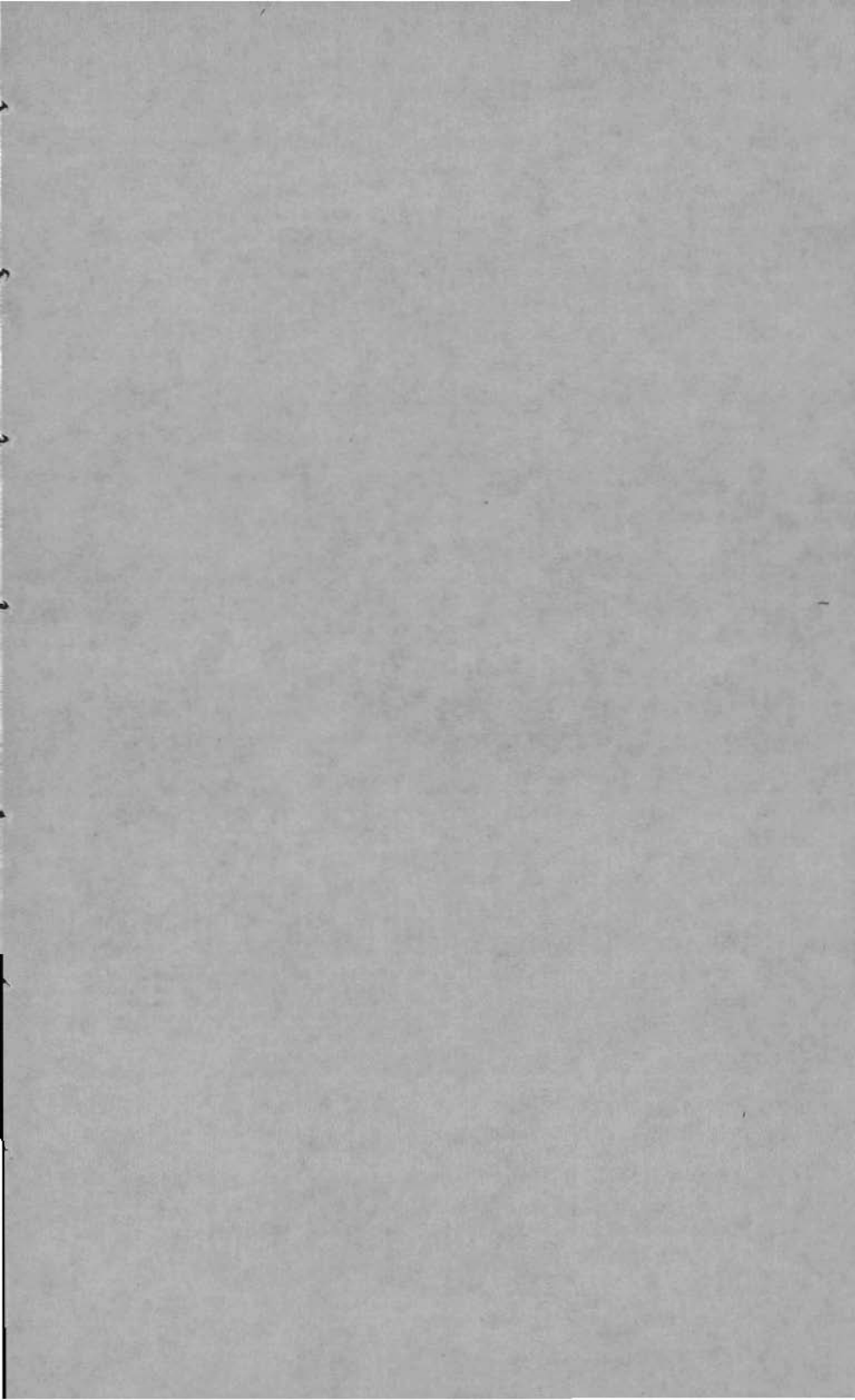
Bi 204, 205, 206.	General Zoology					
Bi 204.	Laboratory (June 17-July 10)	11	MTuWTh;	4:00;	Carter	309 OM
Bi 205.	Laboratory (July 11-August 5)	11	MTuWTh;	4:00;	Carter	309 OM
Bi 206.	Laboratory (August 6-August 30)	11	MTuWTh;	4:00;	Carter	309 OM
RL 60, 61, 62.	First-Year Spanish					
RL 60.	First-Year Spanish (June 17-July 10)	11	MTuWTh;	3:50;	Diman	349 SPH
RL 61.	First-Year Spanish (July 11-August 5)	11	MTuWTh;	3:50;	Diman	349 SPH
RL 62.	First-Year Spanish (August 6-August 30)	11	MTuWTh;	3:50;	Diman	349 SPH

Starting at 2:00 p.m.

Ch 104, 105, 106.	General Chemistry					
Ch 104.	Lab B (June 17-July 10)	11	MTuThF;	4:30;	Moore	304 OM
Ch 105.	Lab B (July 11-August 5)	11	MTuThF;	4:30;	Moore	304 OM
Ch 106.	Lab B (August 6-August 30)	11	MTuThF;	4:30;	Sabo	304 OM
Eng 101.	Survey of English Literature	11	MWF;	2:50;	Selig	343 SPH
Ph 201, 202, 203.	General Physics					
Ph 201.	Lab B (June 17-July 10)	11	W;	5:00;	Johnson, R.	3 OM
Ph 202.	Lab B (July 11-August 5)	11	W;	5:00;	Johnson, R.	3 OM
Ph 203.	Lab B (August 6-August 30)	11	W;	5:00;	Johnson, R.	3 OM

Starting at 3:00 p.m.

AA 291.	Drawing	11	MWF;	4:50;	Muller	243 SPH
Wr 111.	English Composition	11	MWF;	3:50;	Selig	343 SPH



PORTLAND SUMMER TERM - 1963

Course Schedule Supplement

8-Week Term

Note: Special summer programs are listed elsewhere in this bulletin.

Anthropology

Number	Course Title	Sec.	Day	Class Period	Instructor	Room
Anth 101.	General Anthropology	1	MTuWTh	8-8:50 am; Newman	.....	224 SH
Anth 361.	Race and Culture	1	MTuWTh	10-1:50 am; Newman	.....	145 SH
Anth 381.	Language and Culture	1	TuTh	6-7:50 pm; Dusenberry	.....	101 SH
Anth 407.	Seminar: Religion, Society and the Individual (g)	1	MW	6-7:50 pm; Gilson	.....	145 SH
Anth 407.	Seminar: Cultural Change in Under-developed Areas (g)	1	MTuWTh	11-11:50 am; Gilson	.....	147 SH
Anth 407.	Seminar: The Meaning of Evolution (g)	1	MTuWTh	11-11:50 am; Newman	.....	149 SH
Anth 417.	The American Indian (G)	1	MTuWTh	1-1:50 pm; Dusenberry	.....	103 SH
Anth 441.	Linguistics (G)	1	MTuWTh	2-2:50 pm; Dusenberry	.....	103 SH

Art

AA 195.	Basic Design	1	MW	6-8:30 pm; Morton	.....	335 SPH
AA 203.	Survey of Visual Arts	1	MTuWTh	8-8:50 am; Eglenski	.....	490 SPH
AA 217.	Lettering	1	Tu	6-8:30 pm; Svaren	.....	335 SPH
AA 257.	Jewelry and Metalsmithing	1	MTuWTh	10-11:50 am; Morton	.....	292 SPH
AA 290.	Painting	1	MTuWTh	10-11:50 am; Heidel	.....	241 SPH
AA 290.	Painting	2	MTuWTh	1-2:50 pm; Muller	.....	241 SPH
AA 290.	Painting	3	TuTh	6-8:30 pm; Prasch	.....	241 SPH
AA 291.	Drawing	1	MTuWTh	10-11:50 am; Eglenski	.....	243 SPH
AA 292.	Water Color	1	MTuWTh	1-2:50 pm; Prasch	.....	243 SPH
AA 311.	Creative Arts and Crafts for the Classroom Teacher	1	MTuWTh	8-9:50 am; Colescott	.....	235 SPH
AA 311.	Creative Arts and Crafts for the Classroom Teacher	2	MTuWTh	10-11:50 am; Tetzner	.....	335 SPH
AA 312.	Creative Arts and Crafts for the Classroom Teacher	1	MTuWTh	8-9:50 am; Tetzner	.....	335 SPH
AA 312.	Creative Arts and Crafts for the Classroom Teacher	2	MTuWTh	10-11:50 am; Colscott	.....	235 SPH
AA 313.	Creative Arts and Crafts for the Classroom Teacher	1	MTuWTh	12-1:50 pm; Morton	.....	335 SPH
AA 313.	Creative Arts and Crafts for the Classroom Teacher	2	MW	6-8:30 pm; Colscott	.....	235 SPH
AA 397.	Advanced Figure Composition	1	MTuWTh	1-2:50 pm; Heidel	.....	249 SPH
AA 401.	Special Studies	1	To be arranged;	Heidel	.....	245 SPH
AA 448.	History of Oriental and Eastern Art	1	MTuWTh	9-9:50 am; Eglenski	.....	490 SPH
AA 495.	Advanced Design Theory	1	MTuWTh	10-11:50 am; Muller	.....	201 SPH

Art Education

AR E 411.	Methods and Research Materials: Art in Elementary Schools (G)	1	MTuWTh	1-2:50 pm; Tetzner		335 SPH
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Biology

* Bi 231, 232, 233. Human Anatomy and Physiology

Bi 231. Human Anatomy and Physiology

(June 17-July 2)

Lecture

Laboratory

1
MTuWTh; 8-10:00 am; Crawford312 OM
MTuWTh; 10-1:00 pm; Crawford312 OM

* Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Number	Course Title	Sec.	Day	Class Period	Instructor	Room
Bi 232.	Human Anatomy and Physiology (July 3-July 22)	1				
	Lecture			MTuWTh; 8-10:00 am;	Crawford	312 OM
	Laboratory			MTuWTh; 10-1:00 pm;	Crawford	312 OM
Bi 233.	Human Anatomy and Physiology (July 23-August 9)	1				
	Lecture			MTuWTh; 8-10:00 am;	Crawford	312 OM
	Laboratory			MTuWTh; 10-1:00 pm;	Crawford	312 OM

Business Administration

BA 111.	Constructive Accounting	1		MTuWTh; 9-9:50 am;	Tassin	224 SH
BA 111.	Constructive Accounting	2		MW; 6-7:50 pm;	Ellefson	103 SH
BA 112.	Constructive Accounting	1		MW; 8-9:50 pm;	Ellefson	103 SH
BA 113.	Constructive Accounting	1		TuTh; 8-9:50 pm;	Tassin	224 SH
BA 122.	Principles of Management	1		TuTh; 6-7:50 pm;	Williams	145 SH
BA 221.	Elements of Production	1		MTuWTh; 9-9:50 am;	Williams	145 SH
BA 222.	Elements of Finance	1		MTuWTh; 8-8:50 am;	Hugon	145 SH
BA 223.	Elements of Marketing	1		MTuWTh; 11-11:50 am;	Dodge, R. E.	183 SH
BA 238.	Salesmanship	1		MTuWTh; 12-12:50 pm;	Schmelzlee	225 SH
BA 239.	Advertising	1		MTuWTh; 1-1:50 pm;	Schmelzlee	224 SH
BA 314.	Principles of Cost Accounting	1		MW; 6-7:50 pm;	Tassin	224 SH
BA 359.	Finance Management	1		MTuWTh; 12-12:50 pm;	Hugon	145 SH
BA 366.	Marketing Management	1		TuTh; 8-9:50 pm;	Dodge, R. E.	183 SH
*BA 383, 384, 385.	Accounting Theory					
BA 383.	Accounting Theory (June 17-July 2)	1		MTuWTh; 8-10:50 am;	Matthies	149 SH
BA 384.	Accounting Theory (July 3-July 22)	1		MTuWTh; 8-10:50 am;	Matthies	149 SH
BA 385.	Accounting Theory (July 23-August 9)	1		MTuWTh; 8-10:50 am;	Matthies	149 SH
BA 407.	Seminar: Financial Institutions	1		MTuWTh; 1-1:50 pm;	Strickler	147 SH
BA 407.	Seminar: Property Acquisition and Management	1		MW; 6-7:50 pm;	Strickler	147 SH
BA 411.	Business Law	1		MTuWTh; 1-1:50 pm;	Dehner	221 SH
BA 414.	Real Estate Law	1		TuTh; 6-7:50 pm;	Dehner	221 SH
BA 416.	Real Estate Principles	1		TuTh; 8-9:50 pm;	Dehner	221 SH
BA 435.	General Insurance	1		MTuWTh; 12-12:50 pm;	Strickler	147 SH
BA 436.	Investments	1		TuTh; 6-7:50 pm;	Hugon	147 SH
BA 460.	Purchasing	1		TuTh; 6-7:50 pm;	Schmelzlee	225 SH
BA 463.	Retail Management	1		TuTh; 6-7:50 pm;	Dodge, R. E.	183 SH

Chemistry

*Ch 226, 227.	Organic Chemistry					
Ch 226.	Organic Chemistry (June 17-July 12)	1				
	Lecture			MTuThF; 9-11:00 am;	Roberti	301 OM
	Laboratory			MTuThF; 12-4:00 pm;	Ferguson	362 OM
Ch 227.	Organic Chemistry (July 15-August 9)	1				
	Lecture			MTuThF; 9-11:00 am;	Roberti	301 OM
	Laboratory			MTuThF; 12-4:00 pm;	Roberti	362 OM
Ch 234.	Quantitative Analysis	1				
	Lecture			MWTh; 6-7:15 pm;	Johnson, C. and	301 OM
	Laboratory			MWTh; 7:15-10:00 pm;	Moore	306 OM

Economics

Ec 201.	Principles of Economics	1		MTuWTh; 8-8:50 am;	Vaqa	345 SH
Ec 203.	Principles of Economics	1		MTuWTh; 10-10:50 am;	Blumel	301 SH
Ec 212.	Outlines of Economics	1		MTuWTh; 9-9:50 am;	Halley	345 SH
Ec 327.	Labor Legislation	1		MTuWTh; 9-9:50 am;	Lovell	347 SH
Ec 407.	Seminar: The Common Market (G)	1		MTuWTh; 10-10:50 am;	Brinkman	347 SH
Ec 407.	Seminar: Principles and Problems of Government Finance (G)	1		MTuWTh; 11-11:50 am;	Blumel	301 SH
Ec 411.	Monetary and Banking Theory (G)	1		MTuWTh; 8-8:50 am;	Blumel	301 SH
Ec 441.	International Economics (G)	1		MTuWTh; 1-1:50 pm;	Brinkman	347 SH
Ec 450.	Comparative Economic Systems (g)	1		MTuWTh; 11-11:50 am;	Halley	345 SH
Ec 488.	American Economic History (G)	1		MW; 6-7:50 pm;	Brinkman	183 SH

* Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Education

Number	Course Title	Class			Instructor	Room
		Sec.	Day	Period		
Ed 10.	Reading Improvement	1	TuTh;	6-7:50 pm;	Jenkins	102 OM
Ed 263.	Camp Counseling	1	MTuWTh;	10-10:50 am;	Westcott	121 OM
Ed 310.	School in American Life	1	MTuWTh;	9-9:50 am;	Cramer	217 OM
Ed 310.	School in American Life	2	MTuWTh;	10-10:50 am;	Ferrier	45 SH
Ed 310.	School in American Life	3	MTuWTh;	12-12:50 pm;	Ferrier	45 SH
Ed 312.	Educational Psychology: Learning	1	MTuWTh;	10-10:50 am;	Bursch	103 OM
Ed 312.	Educational Psychology: Learning	2	MTuWTh;	12-12:50 pm;	Patton	221 SH
Ed 312.	Educational Psychology: Learning	3	MTuWTh;	11-11:50 am;	Malter	104 OM
Ed 314.	Principles of Secondary Teaching	1	MTuWTh;	1-1:50 pm;	James, Don	104 OM
Ed 344.	Physical Education in the Grades	1	MTuWThF;	9-9:50 am;	Victors	Gym OM
Ed 351.	School Health Programs	1	MTuWTh;	11-11:50 am;	Westcott	121 OM
Ed 351.	School Health Programs	2	MTuWTh;	1-1:50 pm;	Westcott	121 OM
Ed 356.	Methods and Materials: Reading in the Elementary School	1	MTuWThF;	8-8:50 am;	Phelps	207 OM
Ed 356.	Methods and Materials: Reading in the Elementary School	2	MTuWThF;	9-9:50 am;	Bingham	207 OM
Ed 358.	Methods and Materials: Language Arts and Social Science	1	MTuWThF;	10-10:50 am;	Sigborn	207 OM
Ed 358.	Methods and Materials: Language Arts and Social Science	2	MTuWThF;	11-11:50 am;	Sigborn	207 OM
Ed 359.	Methods and Materials: Science and Mathematics	1	MTuWThF;	10-10:50 am;	Glauser	208 OM
Ed 359.	Methods and Materials: Science and Mathematics	2	MTuWThF;	11-11:50 am;	Glauser	208 OM
Ed 389.	Reading and Telling Children's Stories	1	MW;	6-7:50 pm;	La Riviere	245 SH
Ed 390.	Enriching Children's Reading	1	MTuWTh;	11-11:50 am;	Petersen	218 OM
Ed 401.	Research	1	To Be Arranged			
Ed 407.	Seminar: General and Specific Methods for Internship	1	MTuWThF;	Professional Quarter		214 OM
Ed 408.	Special Secondary Methods: Science	1	MTuWTh;	1-1:50 pm;	Hale	217 OM
Ed 408.	Special Secondary Methods: Social Science ..	1	MTuWTh;	12-12:50 pm;	Goddard	217 OM
Ed 409.	Practicum: Remedial Education (Correction). (G)	1	To Be Arranged		Shattuck School	
Ed 409.	Practicum: Remedial Education (Diagnosis). (G)	1	To Be Arranged		Shattuck School	
Ed 415.	Student Teaching: Elementary	1	MTuWThF;	To Be Arranged;	Low	
Ed 416.	Student Teaching: Secondary	1	MTuWThF;	To Be Arranged;	Browne, H.	
Ed 424.	Measurement in Education (G) (UO)	1	MTuWTh;	11-11:50 am;	Gadzella	112 OM
Ed 424.	Measurement in Education (G) (OCE)	2	MTuWTh;	1-1:50 pm;	Gadzella	112 OM
Ed 424.	Measurement in Education (G) (OSU)	3	MTuWTh;	2-2:50 pm;	Gadzella	112 OM
Ed 427.	School Activities (G)	1	MTuWTh;	11-11:50 am;	Hansford	105 OM
Ed 428.	Psychology of Reading Instruction (G)	1	MTuWTh;	8-8:50 am;	Otto	347 SPH
Ed 429.	Principles of Remedial Education (G)	1	MTuWTh;	11-11:50 am;	McMenemy	356 SPH
Ed 432.	Junior High School Guidance (G)	1	MTuWTh;	8-9:50 am;	Ludwig	103 OM
Ed 435.	Audio-Visual Aids	1	MTuWTh;	1-1:50 pm;	Malter	208 OM
Ed 435.	Audio-Visual Aids	2	MTuWTh;	2-2:50 pm;	Malter	208 OM
Ed 439.	The Gifted Child (G)	1	MTuWTh;	10-10:50 am;	Wilson	225 SH
Ed 440.	History of Education (G)	1	MTuWTh;	9-9:50 am;	Riddles	112 OM
Ed 442.	Group Dynamics	1	TuTh;	1-2:50 pm;	Bingham	207 OM
Ed 446.	Philosophy of Education	1	MTuWTh;	11-11:50 am;	Guy	45 SH
Ed 451.	Preprimary Education (G)	1	MTuWTh;	8-8:50 am;	Aikin	113 OM
Ed 460.	Psychology of Childhood (G)	1	MTuWTh;	10-10:50 am;	Langford	113 OM
Ed 460.	Psychology of Childhood (G)	2	MTuWTh;	12-12:50 pm;	Langford	113 OM
Ed 460.	Psychology of Childhood (G)	3	MTuWTh;	2-2:50 pm;	Wilson	225 SH
Ed 461.	Psychology of Adolescence (G)	1	MTuWTh;	8-8:50 am;	Reed	105 OM
Ed 461.	Psychology of Adolescence (G)	2	MTuWTh;	1-1:50 pm;	Langford	113 OM
Ed 462.	Psychology of Exceptional Children (G)	1	MTuWTh;	9-9:50 am;	Reed	105 OM
Ed 463.	The Maladjusted Child (G)	1	MTuWTh;	9-9:50 am;	Aikin	113 OM
Ed 464.	The Mentally Retarded Child (G)	1	MTuWTh;	12-12:50 pm;	Reed	105 OM
Ed 465.	Diagnostic Techniques in the Basic Skills (G)	1	MTuWTh;	1-1:50 pm;	McMenemy	356 SPH
Ed 467.	Applied Mental Hygiene (G)	1	MTuWTh;	12-12:50 pm;	Nunokawa	102 OM
Ed 468.	Diagnostic and Remedial Techniques in Reading	1	MTuWTh;	8-8:50 am;	Bentall	345 SPH
Ed 468.	Remedial Techniques in the Basic Skills (G) ..	1	MTuWTh;	8-8:50 am;	Brown, Judith	356 SPH
Ed 469.	Reading in High School and College (G)	1	MTuWTh;	8-8:50 am;	Bentall	345 SPH

Number	Course Title	Class				Room
		Sec.	Day	Period	Instructor	
Ed 471.	Administration of Special Education (G)	1	W;	6-9:50 pm;	Gubser	345 SPH
Ed 476.	School Law and Organization (G)	1	MTuWTh;	8-8:50 am;	Ozibov	112 OM
Ed 484.	The Junior High School (G)	1	MTuWTh;	9-9:50 am;	Patton	221 SH
Ed 485.	Principles and Practices of Guidance Services (G)	1	MTuWTh;	8-8:50 am;	Barney	225 SH
Ed 485.	Principles and Practices of Guidance Services (G)	2	MTuWTh;	11-11:50 am;	Bowers	103 SH
Ed 485.	Principles and Practices of Guidance Services (G)	3	MTuWTh;	12-12:50 pm;	Bowers	103 SH
Ed 486.	Occupational and Educational Information (G)	1	MTuWTh;	10-10:50 am;	Manning	224 SH
Ed 487.	Counseling Techniques (G)	1	MTuWTh;	9-9:50 am;	Barney	225 SH
Ed 487.	Counseling Techniques (G)	2	MTuWTh;	11-11:50 am;	Barney	225 SH
Ed 491.	Social Education (G)	1	MTuWTh;	12-12:50 pm;	Williams	104 OM
Ed 493.	Observation and Evaluation of Teaching	1	MTuWThF;	1-1:50 pm;	Sigborn	Shattuck School
Ed 501.	Research	1		To Be Arranged		
Ed 501.	Research	2		To Be Arranged		
Ed 503.	Thesis	1		To Be Arranged		
Ed 505.	Reading and Conference	1		To Be Arranged		
Ed 505.	Reading and Conference	2		To Be Arranged		
Ed 506.	Special Individual Studies	1		To Be Arranged		
Ed 507.	Seminar: Human Relations in School Administration	1	MTuWTh;	11-11:50 am;	Azzarelli	347 SH
Ed 507.	Seminar: Reading and Telling Children's Stories	1	MTuWTh;	10-10:50 am;	Petersen	218 OM
Ed 507.	Seminar: Administration in the Junior High School (June 17-July 12)	1	MTuWTh;	11-12:50 pm;	Ludwig	103 OM
Ed 507.	Seminar: Simulated Experience in School Administration	1	MTuWTh;	1-3:50 pm;	Azzarelli	345 SH
Ed 509.	Practicum: Remedial Education	1		To Be Arranged;	Otto	
Ed 511.	Recent Educational Trends and Problems	1	MTuWTh;	10-10:50 am;	Riddles	112 OM
Ed 512.	Research Procedures in Education	1	MTuWTh;	10-10:50 am;	Patton	221 SH
Ed 522.	Secondary-School Curriculum	1	MTuWTh;	10-10:50 am;	Hansford	105 OM
Ed 524.	Construction and Use of Objective Examinations	1	MTuWTh;	1-1:50 pm;	Bursch	103 OM
Ed 527.	Secondary-School Administration and Supervision	1	MTuWTh;	8-8:50 am;	Ditto	217 OM
Ed 533.	Psychological Aspects of Vocations	1	MTuWTh;	8-8:50 am;	Manning	221 SH
Ed 534.	Science in the Elementary School	1	MTuWTh;	2-2:50 pm;	Sheldon	218 OM
Ed 534.	Science in the Elementary School	2	MTuWTh;	3-3:50 pm;	Sheldon	218 OM
Ed 535.	Social Studies in the Elementary School	1	MTuWTh;	8-8:50 am;	Bingham	208 OM
Ed 536.	Language Arts in the Elementary School	1	MTuWTh;	12-12:50 pm;	Phelps	208 OM
Ed 537.	Reading in the Elementary School	1	MTuWTh;	9-9:50 am;	Phelps	208 OM
Ed 537.	Reading in the Elementary School	2	MTuWTh;	10-10:50 am;	Bentall	345 SPH
Ed 538.	Mathematics in the Elementary School	1	MTuWTh;	8-8:50 am;	Ashback	347 SH
Ed 543.	History of American Education	1	MTuWTh;	12-12:50 pm;	Riddles	112 OM
Ed 546.	Philosophy of Education	1	MTuWTh;	1-1:50 pm;	Cuy	101 OM
Ed 553.	Elementary-School Curriculum	1	MTuWTh;	2-2:50 pm;	Williams	104 OM
Ed 554.	Elementary-School Supervision and Administration	1	MTuWTh;	12-12:50 pm;	Buelke	347 SH
Ed 561.	Advanced Education Psychology	1	MTuWTh;	2-2:50 pm;	Bursch	103 OM
Ed 562.	Issues in Extreme Learning Difficulty	1	MTuWTh;	9-9:50 am;	Otto	347 SPH
Ed 565.	Curriculum Foundations	1	MTuWTh;	1-1:50 pm;	Hansford	105 OM
Ed 566.	Curriculum Construction	1	MTuWTh;	3-3:50 pm;	Williams	104 OM
Ed 573.	Public School Organization	1	MTuWTh;	2-2:50 pm;	Buelke	347 SH
Ed 574.	School Supervision	1	MTuWTh;	3-3:50 pm;	Buelke	347 SH
Ed 575.	School Finance	1	MTuWTh;	10-10:50 am;	Cramer	217 OM
Ed 576.	School Buildings	1	MTuWTh;	9-9:50 am;	Timmons	104 OM
Ed 577.	Counselor Training: Group Procedures	1	MTuWTh;	8-8:50 am;	Grenfell	154 SH
Ed 538.	Supervised Counseling Techniques	1	MTuWTh;	9-9:50 am;	Grenfell	154 SH
Ed 589.	Organization and Administration of Guidance Services	1	MTuWTh;	11-11:50 am;	Manning	221 SH
Ed 593.	Methods in Secondary-School Language Arts	1	MTuWTh;	11-11:50 am;	Browne	217 OM
Ed 595.	Methods in Secondary-School Science	1	MTuWTh;	8-8:50 am;	Wik	218 OM

English

Number	Course Title	Sec.	Day	Class Period	Instructor	Room
Eng 102.	Survey of English Literature	1	MTuWTh	1-1:50 pm	Lill	338 SPH
Eng 104.	Appreciation of Literature	1	MTuWTh	11-11:50 am	Johnson, S.	343 SPH
Eng 106.	Appreciation of Literature	1	MTuWTh	10-10:50 am	Carrier	343 SPH
Eng 108.	World Literature	1	MTuWTh	9-9:50 am	Weiss	338 SPH
Eng 109.	World Literature	1	MW	6-7:50 pm	Weiss	338 SPH
Eng 201.	Shakespeare	1	TuTh	6-7:50 pm	Hart	345 SPH
Eng 202.	Shakespeare	1	MTuWTh	11-11:50 am	Lill	338 SPH
Eng 203.	Shakespeare	1	MTuWTh	9-9:50 am	Dahlstrom	352 SPH
Eng 253.	Survey of American Literature	1	MTuWTh	11-11:50 am	Oliver, E.	433 SPH
Eng 254.	Survey of American Literature	1	MW	6-7:50 pm	Ford	343 SPH
Eng 255.	Survey of American Literature	1	MTuWTh	12-12:50 pm	Johnson	343 SPH
Eng 312.	Tragedy, Comedy, and Satire	1	MTuWTh	11-11:50 am	Dahlstrom	352 SPH
Eng 371.	The Novel	1	TuTh	6-7:50 pm	Carrier	343 SPH
Eng 386.	Contemporary Literature	1	MTuWTh	1-1:50 pm	Hart	345 SPH
Eng 388.	Children's Literature and Library	1	MTuWTh	8-8:50 am	Petersen	215 OM
Eng 407.	Seminar in Special Authors: Hawthorne and Melville (G)	1	MTuWTh	11-11:50 am	Ford	345 SPH
Eng 407.	Seminar in Special Authors: Shelley and Keats (G)	1	MTuWTh	10-10:50 am	Boggs	338 SPH
Eng 414.	History of Literary Criticism (G)	1	MTuWTh	12-12:50 pm	Dahlstrom	352 SPH
Eng 436.	Advanced Shakespeare (g)	1	MTuWTh	8-8:50 am	Childs	352 SPH
Eng 457.	Forms and Meaning of Poetry (g)	1	MTuWTh	10-10:50 am	Childs	352 SPH
Eng 481.	Major American Writers: Emerson, Dickinson (G)	1	MTuWTh	1-1:50 pm	Oliver, E.	433 SPH
Eng 488.	Literature for Teachers (g)	1	MTuWTh	9-9:50 am	Ford	345 SPH
Eng 491.	Introduction to Modern English (g)	1	MTuWTh	8-8:50 am	Boggs	338 SPH

Foods and Nutrition

FN 225.	Nutrition	1	TuTh	6-7:50 pm	Lowry	245 SH
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General Science

*GS 101, 102, 103. General Biology

GS 101.	General Biology (June 17-July 2)					
	Lecture	1	MTuWTh	8-10:00 am	Wirtz	101 OM
	Laboratory A	1	MTuWTh	10-12 noon	Marr	310 OM
	Laboratory B	1	MTuWTh	12:30-2:30 pm	Marr	310 OM
GS 101.	General Biology (June 17-July 2)					
	Lecture	2	MTuWTh	10-12:00 noon	Lippert	101 OM
	Laboratory C	2	MTuWTh	8-10:00 am	Lippert	317 OM
	Laboratory D	2	MTuWTh	12:30-2:30 pm	Doty	317 OM
GS 102.	General Biology (July 3-July 22)					
	Lecture	1	MTuWTh	8-10:00 am	Wirtz	101 OM
	Laboratory A	1	MTuWTh	10-12:00 noon	Marr	310 OM
	Laboratory B	1	MTuWTh	12:30-2:30 pm	Marr	310 OM
GS 102.	General Biology (July 3-July 22)					
	Lecture	2	MTuWTh	10-12:00 noon	Lippert	101 OM
	Laboratory C	2	MTuWTh	8-10:00 am	Lippert	317 OM
	Laboratory D	2	MTuWTh	12:30-2:30 pm	Doty	317 OM
GS 103.	General Biology (July 23-August 9)					
	Lecture	1	MTuWTh	8-10:00 am	Wirtz	101 OM
	Laboratory A	1	MTuWTh	10-12:00 noon	Marr	310 OM
	Laboratory B	1	MTuWTh	12:30-2:30 pm	Marr	310 OM
GS 103.	General Biology (July 23-August 9)					
	Lecture	2	MTuWTh	10-12:00 noon	Lippert	101 OM
	Laboratory C	2	MTuWTh	8-10:00 am	Lippert	317 OM
	Laboratory D	2	MTuWTh	12:30-2:30 pm	Doty	317 OM
*GS 104, 105, 106.	Physical Science					
GS 104.	Physical Science (June 17-July 2)					
	Lecture	1	MTuWTh	10-12:00 noon	Lange	53 SH
	Laboratory A	1	MTuWTh	8-10:00 am	Herron	212 OM
	Laboratory B	1	MTuWTh	12:30-2:30 pm	Herron	212 OM
GS 105.	Physical Science (July 3-July 22)					
	Lecture	1	MTuWTh	10-12:00 noon	Lange	53 SH
	Laboratory A	1	MTuWTh	8-10:00 am	Herron	212 OM
	Laboratory B	1	MTuWTh	12:30-2:30 pm	Herron	212 OM

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Number	Course Title	Sec.	Day	Class Period	Instructor	Room
GS 106.	Physical Science (July 23-August 9)					
	Lecture	1	MTuWTh;	10:00-12:00 noon;	Lange	53 SH
	Laboratory A	1	MTuWTh;	8-10:00 am;	Herron	212 OM
	Laboratory B	1	MTuWTh;	12:30-2:30 pm;	Herron	212 OM
GS 411.	History of Science (g)	1	MTuWTh;	8-8:50 am;	Lange	301 OM

Geography

Geog 105.	Introductory Geography	1	MTuWTh;	9-9:50 am;	Rudd	371 SH
Geog 105.	Introductory Geography	2	MTuWTh;	12-12:50 pm;	Rudd	371 SH
Geog 106.	Introductory Geography	1	MTuWTh;	8-8:50 am;	Poulsen	383 SH
Geog 106.	Introductory Geography	2	MTuWTh;	10-10:50 am;	Rudd	383 SH
Geog 107.	Introductory Geography	1	MTuWTh;	8-8:50 am;	Courtney	371 SH
Geog 305.	Economic Geography	1	MTuWTh;	8-8:50 am;	Northam	283 SH
Geog 306.	Economic Geography	1	MTuWTh;	12-12:50 am;	Northam	383 SH
Geog 415.	Geographic Backgrounds of European History	1	MTuWTh;	11-11:50 am;	Courtney	383 SH
Geog 420.	Political Geography (G)	1	MTuWTh;	10-10:50 am;	Poulsen	283 SH
Geog 427.	Geography of the Soviet Union (G)	1	MTuWTh;	11-11:50 am;	Poulsen	283 SH
Geog 432.	Geography of Africa (G)	1	MTuWTh;	1-1:50 pm;	Brooke	383 SH
Geog 435.	Urban Geography (G)	1	MTuWTh;	9-9:50 am;	Northam	383 SH
Geog 463.	Geography of Middle America (G)	1	MTuWTh;	9-9:50 am;	Courtney	283 SH

Geology

C 351.	Elements of Geology	1	MTuTh;	10-11:50 am;	Van Atta	1 SH
G 352.	Geology of Oregon	1	MTuTh;	8-9:50 am;	Van Atta	1 SH
C 350.	Rocks and Minerals	1	MTuTh;	1-2:50 pm;	Van Atta	1 SH

Germanic Languages

*CL 101, 102, 103. Second-Year German

GL 101.	Second Year German (June 17-July 2)	1	MTuWThF;	8-10:50 am;	Vehvilainen	49 SPH
GL 102.	Second-Year German (July 3-July 22)	1	MTuWThF;	8-10:50 am;	Vehvilainen	49 SPH
GL 103.	Second-Year German (July 23-August 9) ..	1	MTuWThF;	8-10:50 am;	Vehvilainen	49 SPH

Health Education

HE 150.	Health Education	1	F;	9-10:30 am;	Tichy	196 SH
HE 252.	First Aid	1	MTuWTh;	10-10:50 am;	Washke	345 SH

History

Hst 101.	History of Western Civilization	1	MTuWTh;	8-8:50 am;	Farah	150 SH
Hst 101.	History of Western Civilization	2	MW;	6-7:50 pm;	Fedde	150 SH
Hst 102.	History of Western Civilization	1	MTuWTh;	10-10:50 am;	Dmytryshyn	150 SH
Hst 103.	History of Western Civilization	1	MTuWTh;	11-11:50 am;	Norman	150 SH
Hst 201.	History of the United States	1	MTuWTh;	9-9:50 am;	Kerr	101 SH
Hst 201.	History of the United States	2	MW;	8-9:50 pm;	Frazier	101 SH
Hst 202.	History of the United States	1	MTuWTh;	12-12:50 pm;	Frazier	101 SH
Hst 203.	History of the United States	1	MTuWTh;	1-1:50 pm;	Schiff	101 SH
Hst 342.	Europe Since 1789.	1	MTuWTh;	12-12:50 pm;	Stevens	150 SH
Hst 350.	History of Hispanic America	1	MTuWTh;	8-8:50 am;	Schiff	101 SH
Hst 391.	Far East in Modern Times	1	MTuWTh;	1-1:50 pm;	Norman	150 SH
Hst 405.	Reading and Conference	1	To Be Arranged; staff			
Hst 407.	Seminar	1	To Be Arranged; staff			
Hst 419.	Studies in Western Civilization (G)	1	MTuWTh;	9-9:50 am;	Farah	150 SH
Hst 420.	Historiography	1	To Be Arranged			
Hst 425.	Early Modern Europe (G)	1	MW;	6-7:50 pm;	Farah	149 SH
Hst 431.	Renaissance (G)	1	MTuWTh;	10-10:50 am;	Schiff	147 SH
Hst 445.	Europe Since 1939 (G)	1	TuTh;	6-7:50 pm;	Dmytryshyn	150 SH
Hst 447.	History of Russia (G)	1	MTuWTh;	1-1:50 pm;	Dmytryshyn	149 SH
Hst 449.	History of Russia (G)	1	TuTh;	8-9:50 pm;	Norman	149 SH
Hst 453.	History of Germany (G)	1	MTuWTh;	11-11:50 am;	Carbone	145 SH
Hst 458.	The Era of the Civil War (G)	1	TuTh	8-9:50 pm;	Carlin	101 SH
Hst 460.	American Thought and Culture (g)	1	MTuWTh;	9-9:50 am;	Carlin	158 SH
Hst 469.	Twentieth-Century England (G)	1	TuTh;	6-7:50 pm;	Stevens	103 SH
Hst 470.	Social Factors in American History (G)	1	TuTh;	6-7:50 pm;	Kerr	158 SH

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Number	Course Title	Class			Instructor	Room
		Sec.	Day	Period		
Hst 473.	American Foreign Relations (C)	1	MW;	6-7:50 pm;	Kerr	158 SH
Hst 478.	History of the Pacific Northwest (g)	1	MTuWTh;	8-8:50 am;	Gilmore	103 SH
Hst 480.	The United States in the Twentieth Century (g)	1	MTuWTh;	10-10:50 am;	Carlin	158 SH
Hst 485.	Early History of the American People (G) ..	1	MTuWTh;	11-11:50 am;	Frazier	158 SH
Hst 488.	American Economic History (C)	1	MW;	6-7:50 pm;	Brinkman	183 SH
Hst 492.	World Problems (g)	1	MW;	8-9:50 pm;	Carbone	150 SH
Hst 530.	European History: Problems and Interpretations	1	MTuWTh;	1-1:50 pm;	Carbone	158 SH

Home Economics Education

HED 507.	Seminar: Evaluation of Home Making Instruction (June 17-July 12)	1	MTuWTh;	8-9:50 am;	O'Reilly	102 OM
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Humanities

Hum 10.	Colloquium on Great Philosophers	1	TuTh;	6-7:50 pm;	Newhall	247 SH
Hum 11.	The Literature of Utopia—Dreams or Nightmares	1	MW;	6-7:50 pm;	Bierman	247 SH
Hum 511.	Contemporary Developments in the Humanities	1	MTuWTh;	10-10:50 am;	Childs	341 SPH

Librarianship

Lib 481.	Bibliography and Reference (G)	1	MTuWTh;	8-8:50 am;	Fletcher	341 SPH
Lib 484.	School Library Administration (G)	1	MTuWTh;	9-9:50 am;	Fletcher	341 SPH
Lib 488.	Books and Related Materials for Young People (G)	1	MTuWTh;	11-11:50 am;	Fletcher	341 SPH

Marketing and Industrial Management

MIM 452.	Special Problems in Transportation and Traffic Management (G)	1	TuTh;	6-7:50 pm;	Ziebarth	249 SH
MIM 507.	Seminar: Industrial Administration	1	MW;	8-9:50 pm;	Ziebarth	249 SH

Mathematics

Mth 10.	Elements of Algebra (June 17-July 12)	1	MTuWTh;	6-8:30 pm;	Rodgers	104 OM
Mth 10.	Elements of Algebra	2	MTuWTh;	8-8:50 am;	Bennett	213 OM
Mth 100.	Intermediate Algebra (July 15-August 9)	1	MTuWTh;	6-8:30 pm;	Rodgers	104 OM
Mth 100.	Intermediate Algebra	2	MTuWThF;	9-9:50 am;	Bennett	103 OM
Mth 100.	Intermediate Algebra	3	TuTh;	6-8:30 pm;	Sabharwal	103 OM
Mth 101.	College Algebra	1	MTuWThF;	1-1:50 pm;	Stanton	215 OM
Mth 102.	Trigonometry	1	MTuWThF;	10-10:50 am;	Choban	213 OM
Mth 103.	Analytic Geometry	1	MTuWThF;	11-11:50 am;	Choban	213 OM
Mth 103.	Analytic Geometry	2	MW;	6-8:30 pm;	Sabharwal	103 OM
Mth 108.	Mathematics of Finance	1	MW;	6-8:30 pm;	Flanagan	105 OM
Mth 111.	Mathematics for Elementary Teachers	1	TuTh;	6-7:50 pm;	Flanagan	105 OM
Mth 111.	Mathematics for Elementary Teachers	2	MTuWTh;	11-11:50 am;	Stanton	215 OM
Mth 200.	Calculus With Analytic Geometry	1	MTuWThF;	12-12:50 pm;	Rempfer	213 OM
Mth 209.	Calculus (June 17-July 12)	1	MTuWThF;	1-1:50 pm;	Broussard	102 OM
Mth 311, 312.	Advanced Mathematics					
Mth 311.	Advanced Mathematics (June 17-July 12) ..	1	MTuWTh;	10-11:50 am;	Broussard	102 OM
Mth 312.	Advanced Mathematics (July 15-August 9)	1	MTuWTh;	10-11:50 am;	Broussard	102 OM
Mth 331, 332.	Differential Equations					
Mth 331.	Differential Equations (June 17-July 12) ..	1	MTuWTh;	8-9:50 am;	Tauber	303 SH
Mth 332.	Differential Equations (July 15-August 9)	1	MTuWTh;	8-9:50 am;	Tauber	303 SH
Mth 407.	Seminar: Selected Topics in Analysis	1	MTuWTh;	10-10:50 am;	Harris	215 OM
Mth 407.	Seminar: Selected Topics in Applied Mathematics	1	MTuWTh;	12-12:50 pm;	Tauber	303 SH
Mth 425, 426.	Elements of Statistical Methods (g)					
Mth 425.	Elements of Statistical Methods (g) (June 17-July 12)	1	MTuWTh;	12-1:50 pm;	Harris	301 SH
Mth 426.	Elements of Statistical Methods (g) (July 15-August 9)	1	MTuWTh;	12-1:50 pm;	Harris	301 SH
Mth 507.	Seminar: Selected Topics in Modern Algebra	1	MTuWTh;	8-8:50 am;	Byrne	110 OM
Mth 507.	Seminar: Selected Topics in Modern Geometry	1	MTuWTh;	11-11:50 am;	Krakowski	110 OM

Music

Number	Course Title	Sec.	Day	Class Period	Instructor	Room
Mus 190.	Applied Music	1		To Be Arranged;	Stehn	
Mus 195.	Band	1	TuTh;	7-8:50 pm;	Solie	453 SH
Mus 197.	Chorus	1	TuTh;	12-12:50 pm;	Foster	453 SH
Mus 290.	Applied Music	1		To Be Arranged;	Stehn	
Mus 302.	Survey of Music and Music Literature	1	MTuWTh;	8-8:50 am;	Turrell	349 SH
Mus 303.	Survey of Music and Music Literature	1	MW;	6-7:50 pm;	Trudeau	349 SH
Mus 323.	Choral Conducting	1	TuTh;	12-12:50 pm;	Foster	453 SH
Mus 381.	Music Fundamentals	1	MTuWTh;	9-9:50 am;	Albertson	449 SH
Mus 382.	Music Fundamentals	1	MTuWTh;	11-11:50 am;	Albertson	449 SH
Mus 383.	Music Fundamentals (Teacher Education) ..	1	MTuWTh;	10-10:50 am;	Foster	449 SH
Mus 390.	Applied Music	1		To Be Arranged;	Stehn	
Mus 395.	Band	1	TuTh;	7-8:50 pm;	Solie	453 SH
Mus 397.	Chorus	1	TuTh;	12-12:50 pm;	Foster	453 SH
Mus 407.	Seminar: Music History (G)	1	MTuWTh;	1-1:50 pm;	Turrell	349 SH
Mus 407.	Seminar: Twelve-Tone Music (G)	1	TuTh;	7-8:50 pm;	Crowley	349 SH
Mus 407.	Seminar: Creative Music (G)	1	MTuWTh;	9-9:50 am;	Crowley	349 SH
Mus 442.	Advanced Conducting (G)	1	MTuWTh;	11-11:50 am;	Stehn	453 SH
Mus 490.	Applied Music	1		To Be Arranged;	Stehn	

Music Education

MuE 533.	Music in the Elementary School	1	MTuWTh;	8-8:50 am;	Albertson	449 SH
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Philosophy

Phi 201.	Problems of Philosophy	1	MTuWTh;	8-8:50 am;	Polonoff	435 SPH
Phi 201.	Problems of Philosophy	2	MTuWTh;	1-1:50 pm;	Glossop	435 SPH
Phi 202.	Elementary Ethics	1	MTuWTh;	9-9:50 am;	Polonoff	435 SPH
Phi 203.	Elementary Logic	1	MTuWTh;	10-10:50 am;	Newhall	435 SPH
Phi 203.	Elementary Logic	2	MTuWTh;	11-11:50 am;	Glossop	435 SPH
Phi 301.	History of Philosophy	1	MTuWTh;	11-11:50 am;	Polonoff	397 SPH
Phi 450.	Philosophical Classics	1	MTuWTh;	12-12:50 pm;	Newhall	397 SPH

Physical Education

PE 180.	Physical Education: Badminton (Women)	1	MTuWTh;	10-10:50 am;	Tichy	Gym OM
PE 180.	Physical Education: Volleyball (Women)	2	MTuWTh;	11-11:50 am;	Tichy	Gym OM
PE 180.	Physical Education: Badminton (Women)	3	MTuWTh;	7-7:50 am;	Tichy	Gym OM
PE 190.	Physical Education: Badminton (Men)	1	MTuWTh;	10-10:50 am;	Tichy	Gym OM
PE 190.	Physical Education: Volleyball (Men)	2	MTuWTh;	11-11:50 am;	Tichy	Gym OM
PE 190.	Physical Education: Badminton (Men)	3	MTuWTh;	7-7:50 am;	Tichy	Gym OM
PE 294.	Professional Activities (Women): (Rhythms)	1	MTuWTh;	10-10:50 am;	Victors	219 OM
PE 295.	Professional Activities (Men): (Rhythms) ..	1	MTuWTh;	10-10:50 am;	Victors	219 OM
PE 341.	Principles and Practices of Physical Education	1	MTuWTh;	1-1:50 pm;	Tichy	213 OM
PE 515.	History and Theories of Physical Education ..	1	MTuWTh;	12-12:50 pm;	Washke	218 OM
PE 516.	Intramural Organization and Management	1	MTuWTh;	1-1:50 pm;	Washke	218 OM

Physics

* Ph 101, 102, 103.	Essentials of Physics					
Ph 101.	Essentials of Physics (June 17-July 2)					
	Lecture	1	MTuWTh;	9-11:00 am;	Gurevitch	110 OM
	Laboratory	1	MTuWTh;	11-2:00 pm;	Johnson, R.	2 OM
Ph 102.	Essentials of Physics (July 3-July 22)					
	Lecture	1	MTuWTh;	9-11:00 am;	Gurevitch	110 OM
	Laboratory	1	MTuWTh;	11-2:00 pm;	Johnson, R.	2 OM
Ph 103.	Essentials of Physics (July 23-August 9)					
	Lecture	1	MTuWTh;	9-11:00 am;	Gurevitch	110 OM
	Laboratory	1	MTuWTh;	11-2:00 pm;	Johnson, R.	2 OM
Ph 520.	Astronomy	1	MW;	1-2:50 pm;	Dolan	301 OM
Ph 581.	Modern Physics	1	MTuWTh;	12-12:50 pm;	Gurevitch	101 OM

Political Science

PS 201.	American Governments	1	MTuWTh;	8-8:50 am;	Haggard	228 SH
PS 202.	American Governments	1	MTuWTh;	9-9:50 am;	Dean	228 SH

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Number	Course Title	Class			Instructor	Room
		Sec.	Day	Period		
PS 407.	Seminar: Current Problems in Urban and Local Government	1	MW;	8-9:50 pm;	Lee, Dorothy	224 SH
PS 414.	Political Parties (g)	1	TuTh;	6-7:50 pm;	Haggard	228 SH
PS 427.	Government and Politics of the Soviet Union (G)	1	MW;	6-7:50 pm;	Widmayer	228 SH
PS 454.	Competing Ideologies in the World Today (G)	1	MTuWTh;	11-11:50 am;	Dean	228 SH
PS 507.	Seminar: Current Problems in Urban and Local Government	1	MW;	8-9:50 pm;	Lee, Dorothy	224 SH

Psychology

Psy 201.	General Psychology	1	MTuWTh;	10-10:50 am;	Smith, Ron	303 SH
Psy 201.	General Psychology	2	MTuWTh;	9-9:50 am;	staff	301 SH
Psy 202.	General Psychology	1	MTuWTh;	11-11:50 am;	Smith, Ron	303 SH
Psy 203.	General Psychology	1	MTuWTh;	10-10:50 am;	Karr	228 SH
Psy 203.	General Psychology (For Nurses Only)	2	TuTh;	1-2:50 pm;	Wilcox	53 SH
Psy 311.	Human Development	1	MTuWTh;	1-1:50 pm;	Wilson	225 SH
Psy 311.	Human Development	2	MTuWTh;	10-10:50 am;	Powloski	171 SH
Psy 311.	Human Development	3	MTuWTh;	12-12:50 pm;	Powloski	171 SH
Psy 311.	Human Development	4	MTuWTh;	11-11:50 am;	Aikin	113 OM
Psy 335.	Counseling and Testing	1	MTuWTh;	1-1:50 pm;	Smith, Ron	303 SH
Psy 345.	Psychology of Motivation	1	MTuWTh;	12-12:50 pm;	Karr	228 SH
Psy 346.	Psychology of Learning	1	MTuWTh;	1-1:50 pm;	Powloski	171 SH
Psy 411.	Mental Hygiene	1	MTuWTh;	12-12:50 pm;	Nunokawa	102 OM
Psy 421.	Principles and Methods of Psychological Assessment (g)	1	MTuWTh;	8-8:50 am;	Boyd, Robert	183 SH
Psy 432.	Personality	1	MTuWTh;	2-2:50 pm;	Nunokawa	102 OM
Psy 450.	Abnormal Psychology (g)	1	MTuWTh;	3-3:50 pm;	Nunokawa	102 OM
Psy 460.	Developmental Psychology I: Infancy and Childhood (g)	1	MTuWTh;	10-10:50 am;	Langford	113 OM
Psy 460.	Developmental Psychology I: Infancy and Childhood (g)	2	MTuWTh;	12-12:50 pm;	Langford	113 OM
Psy 460.	Developmental Psychology I: Infancy and Childhood (g)	3	MTuWTh;	2-2:50 pm;	Wilson	225 SH
Psy 461.	Developmental Psychology II: Adolescence and Maturity (g)	1	MTuWTh;	8-8:50 am;	Reed	105 OM
Psy 461.	Developmental Psychology II: Adolescence and Maturity (g)	2	MTuWTh;	1-1:50 pm;	Langford	113 OM
Psy 473.	Individual Differences (g)	1	MTuWTh;	1-1:50 pm;	Karr	228 SH
Psy 480.	Psychological Tests and Testing (g)	1	MTuWTh;	8-8:50 am;	Brody, E.	104 OM
Psy 524.	Individual Intelligence Testing	1	MTuWTh;	9-9:50 am;	Boyd, Robert	183 SH
Psy 525.	Individual Intelligence Testing	1	MTuWTh;	10-10:50 am;	Boyd, Robert	183 SH

Religion

R 407.	Seminar: Contemporary Religious Thought	1	MTuWTh;	10-10:50 am;	Hovland	154 SH
R 419.	Philosophy of Religion (g)	1	MTuWTh;	11-11:50 am;	Hovland	154 SH
R 462.	History of Great Religions	1	MTuWTh;	1-1:50 pm;	Hovland	154 SH

Romance Languages

French

* RL 101, 102, 103.	Second-Year French					
RL 101.	Second-Year French (June 17-July 2)	1	MTuWThF;	9-11:50 am;	Hiraoka/Beddawi	358 SPH
RL 102.	Second-Year French (July 3-July 22)	1	MTuWThF;	9-11:50 am;	Hiraoka/Beddawi	358 SPH
RL 103.	Second-Year French (July 23-August 9) ..	1	MTuWThF;	9-11:50 am;	Hiraoka/Beddawi	358 SPH
* RL 314, 315, 316.	Intermediate French Composition and Conversation					
RL 314.	Intermediate French Composition and Conversation (June 17-July 2)	1	MTuWThF;	1-2:30 pm;	Hiraoka/Beddawi	358 SPH

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<i>Number</i>	<i>Course Title</i>	<i>Sec.</i>	<i>Day</i>	<i>Class Period</i>	<i>Instructor</i>	<i>Room</i>
RL 315.	Intermediate French Composition and Conversation (July 3-July 22)	1	MTuWThF	1-2:30 pm	Hiraoka/Beddawi	358 SPH
RL 316.	Intermediate French Composition and Conversation (July 23-August 9)	1	MTuWThF	1-2:30 pm	Hiraoka/Beddawi	358 SPH

Spanish

* RL 347, 348, 349.	Intermediate Spanish Composition and Conversation					
RL 347.	Intermediate Spanish Composition and Conversation (June 17-July 2)	1	MTuWThF	9-10:30 am	Ricciardelli ..	387 SPH
RL 348.	Intermediate Spanish Composition and Conversation (July 3-July 22)	1	MTuWThF	9-10:30 am	Ricciardelli ..	387 SPH
RL 349.	Intermediate Spanish Composition and Conversation (July 23-August 9)	1	MTuWThF	9-10:30 am	Ricciardelli ..	387 SPH

Science Education

SEd 431.	School Health Problems (G)	1	MTuWTh	11-11:50 am	Koski	349 SH
SEd 481.	Alcohol Studies in School Curriculum (G) ..	1	MTuWTh	9-9:50 am	Ferrier	45 SH
SEd 507.	Seminar: Sex Education	1	MTuWTh	12-12:50 pm	Koski	349 SH
SEd 507.	Seminar: Health of the School Age Child	1	MTuWTh	2-2:50 pm	Koski	349 SH

Secretarial Science

SS 111.	Stenography	1	MTuWTh	10-10:50 am	Backlund ..	328 SH
SS 111.	Stenography	2	MW	6-7:50 pm	Hinton	328 SH
SS 121.	Typing	1	MTuWTh	12-12:50 pm	Backlund ..	328 SH
SS 121.	Typing	2	TuTh	6-7:50 pm	Hinton	328 SH
SS 122.	Typing	1	MTuWTh	11-11:50 am	Backlund ..	328 SH
SS 215.	Business Machines	1	MTuWTh	8-8:50 am	Oliver, P.	324 SH
SS 241.	Office Practice	1	MTuWTh	9-9:50 am	Oliver, P.	321 SH
SS 242.	Office Practice	1	MTuWTh	9-9:50 am	Oliver, P.	321 SH

Slavic Languages

* SL 101, 102, 103.	Second-Year Russian					
SL 101.	Second-Year Russian (June 17-July 2)	1	MTuWThF	10-12:50 pm	d'Ermengard	396 SPH
SL 102.	Second-Year Russian (July 3-July 22)	1	MTuWThF	10-12:50 pm	d'Ermengard	396 SPH
SL 103.	Second-Year Russian (July 23-August 9) ..	1	MTuWThF	10-12:50 pm	d'Ermengard	396 SPH

Social Science

SSc 494.	American Foreign Relations (g)	1	MTuWTh	12-12:50 pm	Widnayer	224 SH
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Sociology

Soc 204.	General Sociology	1	MTuWTh	8-8:50 am	Metzger	271 SH
Soc 205.	General Sociology	1	MTuWTh	12-12:50 pm	Metzger	271 SH
Soc 206.	General Sociology	1	MTuWTh	9-9:50 am	Colfax	271 SH
Soc 212.	Introduction to Sociology	1	MTuWTh	12-12:50 pm	Colfax	158 SH
Soc 335.	Social Psychology	1	MTuWTh	10-10:50 am	Metzger	271 SH
Soc 338.	Marriage and the Family	1	MTuWTh	9-9:50 am	Drum	171 SH
Soc 361.	Social Organization	1	MTuWTh	11-11:50 am	Colfax	171 SH
Soc 407.	Seminar: Social Welfare Resources and Organization (G)	1	TuTh	3-4:50 pm	Drum	171 SH
Soc 417.	Criminology and Delinquency (G)	1	MTuWTh	8-8:50 am	Drum	171 SH
Soc 507.	Seminar: Rehabilitation of the Mentally Ill (June 17-July 12)	1	MW	6:30-9:30 pm	James, John	201 SH

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Speech and Speech Correction

<i>Number</i>	<i>Course Title</i>	<i>Sec.</i>	<i>Day</i>	<i>Class Period</i>	<i>Instructor</i>	<i>Room</i>
Sp 111.	Fundamentals of Speech	1	MTuWTh;	10-10:50 am;	Dahlberg	39 SPH
Sp 111.	Fundamentals of Speech	2	MTuWTh;	12-12:50 pm;	Montgomery	39 SPH
Sp 111.	Fundamentals of Speech	3	MTuWTh;	11-11:50 am;	Roberts	39 SPH
Sp 111.	Fundamentals of Speech	4	MW;	6-7:50 pm;	Dahlberg	39 SPH
Sp 111.	Fundamentals of Speech	5	TuTh;	6-7:50 pm;	Bartl	39 SPH
Sp 112.	Fundamentals of Speech	1	MTuWTh;	9-9:50 am;	Bartl	41 SPH
Sp 211.	Interpretation	1	MWTh;	8-8:50 am;	Dahlberg	41 SPH
Sp 321.	Argumentation, Discussion, and Persuasion	1	MTuWTh;	11-11:50 am;	Bartl	37 SPH
Sp 370.	Phonetics	1	MTuWTh;	9-9:50 am;	Montgomery	37 SPH
Sp 371.	Speech Science	1	MTuWTh;	11-11:50 am;	Casteel & English	41 SPH
Sp 414.	Teaching Speech in the Secondary School	1	MTuWTh;	12-12:50 pm;	Roberts	43 SPH
Sp 424.	Speech Forms and Techniques in Group Control (g)	1	MW;	6-7:50 pm;	Montgomery	37 SPH
Sp 481.	Speech Pathology (G)	1	MTuWTh;	8-8:50 am;	Blakeley	37 SPH
Sp 483.	Speech Pathology (G)	1	MTuWTh;	To Be Arranged;	English, Casteel, DuPuis	90 SPH
Sp 484.	Clinical Speech Therapy (G)	1	MTuWTh;	To Be Arranged;	English, Casteel, DuPuis	90 SPH
Sp 485.	Clinical Speech Therapy (G)	1	MTuWTh;	To Be Arranged;	English, Casteel, DuPuis	90 SPH
Sp 486.	Clinical Speech Therapy (G)	1	MTuWTh;	To Be Arranged;	English, Casteel, DuPuis	90 SPH
Sp 488.	Audiology (G) (June 17-July 12)	1	MTuWTh;	1-2:50 pm;	Young	37 SPH
Sp 507.	Seminar: Advanced Procedures and Techniques in the Treatment of Articulation Disorders (July 15-August 9) ..	1	MTuWThF;	8-11:50 am;	Ainsworth	43 SPH
Sp 507.	Seminar: Advanced Practicum in Clinical Procedures in Speech Correction	1	MTuWThF;	To Be Arranged;	Lillywhite	CCD

Writing

Wr 111.	English Composition	1	MTuWTh;	8-8:50 am;	Hoffman	433 SPH
Wr 111.	English Composition	2	MTuWTh;	9-9:50 am;	Carrier	433 SPH
Wr 111.	English Composition	3	MTuWTh;	10-10:50 am;	Hoffman	433 SPH
Wr 111.	English Composition	4	TuTh;	6-7:50 pm;	staff	201 SH
Wr 112.	English Composition	1	MTuWTh;	12-12:50 pm;	Weiss	433 SPH
Wr 112.	English Composition	2	MW;	6-7:50 pm;	Johnson, S.	203 SH
Wr 113.	English Composition	1	MTuWTh;	10-10:50 am;	staff	397 SPH
Wr 113.	English Composition	2	MTuWTh;	2-2:50 pm;	Hart	397 SPH
Wr 113.	English Composition	3	TuTh;	6-7:50 pm;	Hoffman	203 SH
Wr 214.	Business English	1	MTuWTh;	10-10:50 am;	McIntosh	356 SPH
Wr 214.	Business English	2	TuTh;	6-7:50 pm;	McIntosh	37 SPH
Wr 411.	English Composition for Teachers (g)	1	MTuWTh;	11-11:50 am;	Boggs	387 SPH

Zoology

Z 578.	Field Natural History	1				
	Lecture			MTuW;	11-11:50 am;	Wirtz 373 OM
	Laboratory			Th;	1-3:50 pm;	Wirtz 373 OM

11-Week Term

Anthropology

<i>Number</i>	<i>Course Title</i>	<i>Sec.</i>	<i>Day</i>	<i>Class Period</i>	<i>Instructor</i>	<i>Room</i>
Anth 207.	Introduction to Cultural Anthropology	11	MWF	8-8:50 am	Gilson	147 SH

Art

AA 195.	Basic Design	11	MWF	8-9:50 am	Muller	201 SPH
AA 291.	Drawing	11	MWF	3-4:50 pm	Muller	243 SPH

Biology

* Bi 204, 205, 206.	General Zoology					
Bi 204.	General Zoology (June 17-July 10)					
	Lecture	11	MTuWTh	10-12:30 pm	Malcolm	309 OM
	Laboratory	11	MTuWTh	1-4:00 pm	Carter	309 OM
Bi 205.	General Zoology (July 11-August 5)					
	Lecture	11	MTuWTh	10-12:30 pm	Malcolm	309 OM
	Laboratory	11	MTuWTh	1-4:00 pm	Carter	309 OM
Bi 206.	General Zoology (August 6-August 30)					
	Lecture	11	MTuWTh	10-12:30 pm	Malcolm	309 OM
	Laboratory	11	MTuWTh	1-4:00 pm	Carter	309 OM

Business Administration

* BA 111, 112, 113.	Constructive Accounting					
BA 111.	Constructive Accounting (June 17-July 10)	11	MTuWTh	8-9:50 am	Savage F; 8-8:50 am	121 OM
BA 112.	Constructive Accounting (July 11-August 5)	11	MTuWTh	8-9:50 am	Savage F; 8-8:50 am	121 OM
BA 113.	Constructive Accounting (August 6-August 30)	11	MTuWTh	8-9:50 am	Savage F; 8-8:50 am	121 OM
BA 121.	Introduction to Business and Industry	11	MWF	10-10:50 am	Williams	104 OM

Chemistry

* Ch 104, 105, 106.	General Chemistry					
Ch 104.	General Chemistry (June 17-July 10)					
	Lecture	11	MTuThF	11-12:30 pm	Johnson, C.	301 OM
	Laboratory A	11	MTuThF	8-10:30 am	Johnson, C.	304 OM
	Laboratory B	11	MTuThF	2-4:30 pm	Moore	304 OM
Ch 105.	General Chemistry (July 11-August 5)					
	Lecture	11	MTuThF	11-12:30 pm	Sabo	301 OM
	Laboratory A	11	MTuThF	8-10:30 am	Sabo	304 OM
	Laboratory B	11	MTuThF	2-4:30 pm	Moore	304 OM
Ch 106.	General Chemistry (August 6-August 30)					
	Lecture	11	MTuThF	11-12:30 pm	Boster	301 OM
	Laboratory A	11	MTuThF	8-10:30 am	Boster	304 OM
	Laboratory B	11	MTuThF	2-4:30 pm	Sabo	304 OM

English

Eng 101.	Survey of English Literature	11	MWF	2-2:50 pm	Selig	343 SPH
Eng 104.	Appreciation of Literature	11	MWF	8-8:50 am	Selig	343 SPH
Eng 107.	World Literature	11	MWF	9-9:50 am	Selig	343 SPH

Geography

* Geog 105, 106, 107.	Introductory Geography					
Geog 105.	Introductory Geography (June 17-July 10)	11	MTuWTh	10-11:50 am	Brooke F; 10-10:50 am	371 SH
Geog 106.	Introductory Geography (July 11-August 5)	11	MTuWTh	10-11:50 am	Brooke F; 10-10:50 am	371 SH

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<i>Number</i>	<i>Course Title</i>	<i>Sec.</i>	<i>Day</i>	<i>Class Period</i>	<i>Instructor</i>	<i>Room</i>
Geog 107.	Introductory Geography (August 6-August 30)	11	MTuWTh	10-11:50 am; Brooke F; 10-10:50 am		371 SH

Germanic Languages

* GL 50, 51, 52.	First-Year German					
GL 50.	First-Year German (June 17-July 10)	11	MTuWThF	10-12:50 pm; Jespersen	47	SPH
GL 51.	First-Year German (July 11-August 5)	11	MTuWThF	10-12:50 pm; Jespersen	47	SPH
GL 52.	First-Year German (August 6-August 30) ..	11	MTuWThF	10-12:50 pm; Jespersen	47	SPH

Health Education

HE 50.	Health Education	11	F	8-8:50 am; Tichy		Gym OM
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History

Hst 103.	History of Western Civilization	11	MWF	8-8:50 am; Stevens		158 SH
* Hst 201, 202, 203.	History of the United States					
Hst 201.	History of the United States (June 17-July 10)	11	MTuWTh	10-11:50 am; Gilmore F; 10-10:50 am		101 SH
Hst 202.	History of the United States (July 11-August 5)	11	MTuWTh	10-11:50 am; Gilmore F; 10-10:50 am		101 SH
Hst 203.	History of the United States (August 6-August 30)	11	MTuWTh	10-11:50 am; Gilmore F; 10-10:50 am		101 SH

Physical Education

PE 180.	Physical Education: Badminton (Women)	11	MWTh	8-8:50 am; Tichy		Gym OM
PE 180.	Physical Education: Volleyball (Women)	12	MWTh	11-11:50 am; Tichy		Gym OM
PE 190.	Physical Education: Badminton (Men)	11	MWTh	8-8:50 am; Tichy		Gym OM
PE 190.	Physical Education: Volleyball (Men)	12	MWTh	11-11:50 am; Tichy		Gym OM

Physics

* Ph 201, 202, 203.	General Physics					
Ph 201.	General Physics (June 17-July 10)					
Lecture		11	MTuWTh	9-11 am F; 9-10 am; Sanford		103 SH
Laboratory A		11	MW	11-2 pm; Sanford and Johnson F; 10-1 pm		3 OM
Laboratory B		11	TuTh	11-2 pm; Johnson, R. W; 2-5 pm		3 OM
Ph 202.	General Physics (July 11-August 5)					
Lecture		11	MTuWTh	9-11 am; Sanford F; 9-10 am		103 OM
Laboratory A		11	MW	11-2 pm; Sanford & Johnson F; 10-1 pm		3 OM
Laboratory B		11	TuTh	11-2 pm; Johnson, R. F; 2-5 pm		3 OM
Ph 203.	General Physics (August 6-August 30)					
Lecture		11	MTuWTh	9-11 am; Sanford F; 9-10 am		103 SH
Laboratory A		11	MW	11-2 pm; Sanford & Johnson F; 10-1 pm		3 OM
Laboratory B		11	TuTh	11-2 pm; Johnson, R. W; 2-5 pm		3 OM

Romance Languages

French

* RL 50, 51, 52.	First-Year French					
RL 50.	First-Year French (June 17-July 10)	11	MTuWTh	10-12:50 pm; Suvajian ..	349	SPH
RL 51.	First-Year French (July 11-August 5)	11	MTuWTh	10-12:50 pm; Suvajian ..	349	SPH
RL 52.	First-Year French (August 6-August 30) ..	11	MTuWTh	10-12:50 pm; Suvajian ..	349	SPH

* Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Spanish

<i>Number</i>	<i>Course Title</i>	<i>Sec.</i>	<i>Day</i>	<i>Class Period</i>	<i>Instructor</i>	<i>Room</i>
* RL 60, 61, 62. First-Year Spanish						
RL 60.	First-Year Spanish (June 17-July 10)	11	MTuWTh;	1-3:50 pm; Diman	349	SPH
RL 61.	First-Year Spanish (July 11-August 5)	11	MTuWTh;	1-3:50 pm; Diman	349	SPH
RL 62.	First-Year Spanish (August 6-August 30) ..	11	MTuWTh;	1-3:50 pm; Diman	349	SPH

Slavic Languages

* SL 50, 51, 52. First-Year Russian						
SL 50.	First-Year Russian (June 17-July 10)	11	MTuWTh;	10-12:50 pm; Juodeika ..	347	SPH
SL 51.	First-Year Russian (July 11-August 5)	11	MTuWTh;	10-12:50 pm; Juodeika ..	347	SPH
SL 52.	First-Year Russian (August 6-August 30) ..	11	MTuWTh;	10-12:50 pm; Juodeika ..	347	SPH

Sociology

Soc 204.	General Sociology	11	MWF;	9-9:50 am; Gilson	147	SH
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Speech

Sp 111.	Fundamentals of Speech	11	MWF;	8-8:50 am; Roberts	39	SPH
Sp 111.	Fundamentals of Speech	12	MWF;	9-9:50 am; Roberts	39	SPH

Writing

Wr 111.	English Composition	11	MWF;	3-3:50 pm; Selig	343	SPH
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* Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Eleven-Week Term

Anthropology

Anth 207. Introduction to Cultural Anthropology. (First Term) 3 hours. (PSC)

The meaning of culture; its significance for human beings; its diverse forms and degrees of elaboration among different groups of men; its processes of growth and expansion.

Art

AA 195. Basic Design. (First Term) 3 hours. (PSC)

A three-term introductory sequence; a series of studio participation exercises involving the basic principles of design.

AA 291. Drawing. 2-3 hours. (PSC)

Training in observation and selection of significant elements. Maximum credit: 9 term hours.

Biology

Bi 204, 205, 206. General Zoology. 4 hours each. (PSC)

For biology and zoology majors and premedical, predental, prenursing, pre-pharmacy, preveterinarian, physical education, psychology, fish and game management, and fisheries students. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Business Administration

BA 111, 112, 113. Constructive Accounting. 3 hours each. (PSC)

Technique of account construction; preparation of financial statements. Application of accounting principles to practical business problems. Required of majors, prerequisite to advanced work in business. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

BA 121. Introduction to Business and Industry. 3 hours. (PSC)

Survey of business organization, operation, and management intended to orient the student in business and industry.

Chemistry

Ch 104, 105, 106. General Chemistry. 4 hours each. (PSC)

For students majoring in medical technology, predental, nursing, and liberal arts. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

English

Eng 101. Survey of English Literature. (First Term) 3 hours. (PSC)

From Beowulf to Milton.

Eng 104. Appreciation of Literature. (First Term) 3 hours. (PSC)

The aim is to stimulate the appreciation and criticism of literature through a study of the outstanding works in prose and poetry, selected from all periods including the twentieth century.

Eng 107. World Literature. (First Term) 3 hours. (PSC)

A sequence in narrative prose, drama, and poetry. Complete books are included so that the student may be familiar with some of the masterpieces in Western world literature.

Geography

Geog 105, 106, 107. Introductory Geography. 3 hours each. (PSC)

A general introduction to the field of geography, in sequence as follows: Geog 105, physical elements; Geog 106, regional geography of North America, South America, and Europe; Geog 107, regional geography of the USSR, Africa, and Asia, Geog 105 is prerequisite to Geog 106 and Geog 107. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Germanic Language

GL 50, 51, 52. First-Year German. 4 hours each. (PSC)

Provides a thorough grammatical foundation of German, stressing hearing, speaking, reading and writing. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Health Education

HE 150. Health Education. 1 hour. (PSC)

Study of personal health problems which confront the college student; the basic scientific principles of healthful living. Meets the health-education requirement.

History

Hst 103. History of Western Civilization. (Third Term) 3 hours. (PSC)

Origins and development of Western Civilization from ancient times to the present.

Hst 201, 202, 203. History of the United States. 3 hours each. (PSC)

From colonial times to the present day. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Physical Education

PE 180. Physical Education (Women). 1 hour. (PSC)

A variety of activities taught for physiological and recreational values. Special sections for restricted and corrective work. A total of five terms in different activities required.

Section I (Badminton) :

Section II (Volleyball) :

PE 190. Physical Education (Men). 1 hour. (PSC)

A variety of activities taught for physiological and recreational values. Special sections for restricted and corrective work. A total of five terms in different activities required.

Section I (Badminton) :

Section II (Volleyball) :

Physics

Ph 201, 202, 203. General Physics. 4 hours each. (PSC)

Standard college physics. Prerequisite: Mth 102, or consent of instructor. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Romance Languages

RL 50, 51, 52. First-Year French. 4 hours each. (PSC)

An introduction to French, stressing hearing, speaking, reading and writing. Exercise in elementary composition and grammar. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

RL 60, 61, 62. First-Year Spanish. 4 hours each. (PSC)

An introduction to Spanish, stressing hearing, speaking, reading, and writing. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Russian

SL 50, 51, 52. First-Year Russian. 4 hours each. (PSC)

Elements of the Russian language, stressing hearing, speaking, reading, and writing. Registration for less than the full sequence will not be accepted until June 18, and then only over the instructor's signature.

Sociology

Soc 204. General Sociology. (First Term) 3 hours. (PSC)

The basic findings of sociology concerning the individual, culture, group life, social institutions, and factors of social change.

Speech

Sp 111. Fundamentals of Speech. (First Term) 3 hours. (PSC)

Projects in extempore speaking. Emphasis on content and organization of the speech, but attention also to poise, effective delivery, and command of the language.

Writing

Wr 111. English Composition. (First term). 3 hours. (PSC)

The principles and forms of composition, including the library research paper; effective expression of the student's ideas through impromptu and prepared essays on topics of some significance, with special attention to organization. Mastery of the basic mechanics of English expression is presupposed.

Special Programs

Workshops and Seminars

AA 401. **Special Studies: Beginning Photography Workshop.** 2 hours. (July 31-August 6) (PSC)

Designed to enlarge individual's perception through camera work. Considerations will include awareness of the visual world, integration of exposure, film processing and printing, and handling cameras. Concentration is on essential feature and quality. An additional course fee of \$10.00 is required for this program. For further information contact the Museum Art School, S.W. Park Ave., at Madison St., Portland. White and staff. WThFMTu, 7:00 a.m. to 10:00 p.m., and Sat., Sun., 8:00 to 5:00 p.m., Museum Art School.

AA 407. **Seminar: Advanced Photography.** 4 hours. (August 10-18) (PSC)

This program proposes welding of the camera and light-sensitive materials to the expressive-creative purposes of student. This purpose is approached through zone system of previsualization, exposure, and printing; photographing in such a way that pictures are a projection of personality of individual; photography of "found object" as done with documentary photography and in photography practiced as a medium of expression-creation. Method: Photographing morning, processing afternoons, for evening critiques. An additional course fee of \$15.00 is required for this program. For further information contact the Museum Art School, S.W. Park Ave., at Madison St., Portland. White and staff. Daily, including Saturdays and Sundays, 9:00 to 12:00, 1:00 to 4:00, and 7:00 to 9:00, Museum Art School.

ArE 401-501. **Special Studies: Design for Elementary Art Education.** 3 hours. (August 12-23) (UO)

Instruction in design and an examination of design in the elementary school curriculum. Enrollment limited. Tetzner. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 235 SPH.

CT 408-508. **Workshop: In-Service Bishop Method of Clothing Construction (Basic).** 3 hours. (July 29-August 9) (OSU)

Construction of garments with emphasis on the time management and organization of work. Method as applied to adult and secondary teaching. Experiences with developing curriculum materials for teacher use. Mrs. Kathryn Rotruck will be the visiting instructor. Limited to home economics teachers at all levels. This workshop may not be accepted on advanced degree programs at OSU. Admission by prior application only. For application write Robert J. Gridley, Chairman, Special Programs, 1633 SW Park Avenue, Portland 1, or call Capitol 6-6601, extension 1135. Sullivan, Rotruck, O'Reilly. Daily, 8:00 to 12:00 and 1:00 to 4:00, Madison High School, 2735 NE 82nd, Portland.

CT 408-508. **Workshop: In-Service Bishop Method of Clothing Construction (Advanced).** 3 hours. (August 12-23) (OSU)

Advanced techniques in clothing construction, with emphasis on the solution of fitting problems. Teaching methods and integration of Bishop Method and materials in the secondary-school curriculum. The advanced workshop is open only to home economics teachers at all levels who have had the basic workshop. Mrs. Kathryn Rotruck will be the visiting instructor. This workshop may not be ac-

cepted on advanced degree programs at OSU. Admission by prior application only. For application write Robert J. Gridley, Chairman, Special Programs, 1633 SW Park Avenue, Portland 1, or call Capitol 6-6601, extension 1135. Sullivan, Rotruck, O'Reilly. Daily, 8:00 to 12:00 and 1:00 to 4:00, Madison High School, 2735 NE 82nd, Portland.

CT 508. Workshop: In-Service Team Teaching Experiment in Bishop Clothing Construction. 3 hours. (July 29-August 23) (OSU)

An experiment in team teaching with Bishop Method Clothing Construction for specially selected home economics teachers. Mrs. Kathryn Rotruck will work with the team under the supervision of Dr. Justine O'Reilly, Supervisor of Home Economics, Portland Public Schools. Participation as a team member by invitation only. This workshop may not be accepted on advanced degree programs at OSU. O'Reilly, Rotruck. Daily, 8:00 to 12:00 and 1:00 to 4:00, Madison High School, 2735 N. E. 82nd, Portland.

Ed 508. Workshop: Aerospace. 6 hours. (July 8-August 3) (OSU)

Especially planned for elementary and secondary teachers and administrators to consider economic, social, geographical, military, and technical aspects of the aerospace age. First three weeks at Portland Air Base, fourth week divided between U.S. Naval Ordnance Test Station, China Lake, California, and Edwards Air Force Base, California. Air transportation to China Lake and return to Portland will be furnished by the Armed Forces. Open only to persons who have never enrolled in Aviation Education Workshops. Limited number of persons will be permitted to live at the Portland Air Base. All costs, except for tuition which is payable at registration, are paid at time service is rendered. Air transportation and base accommodations limit enrollment. A few scholarships are available. Admission by prior application should be addressed to Robert A. Wilcox, Coordinator, Special Programs, 1633 S.W. Park Avenue, Portland. Haas, Wilcox, and special staff. Daily, 9:00 to 12:00 and 1:00 to 4:00, with one evening session per week, Portland Air Base.

Ed 508. Workshop: Bill of Rights Education. 6 hours. (June 17-July 12) (UO)

An intensive study of the Bill of Rights and its place in American life today. Lectures by distinguished consultants and staff on various amendments, their origins and status today; class discussions of recent Supreme Court decisions. Special emphasis on problems of political and moral censorship. Special workshop sessions for elementary teachers designed to deal with the problems of developing attitudes toward individual freedom and liberty through use of selected materials; current events teaching; and for secondary teachers of English and social studies in particular, dealing with methods and materials available for more extensive study of the Bill of Rights in American history, American problems course, and combined English-Social Studies courses. Bierman and staff. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 249 SH.

Ed 508. Workshop: Creative Writing in the Elementary School. 3 hours. (August 12-23) (UO)

Designed especially for elementary teachers to assist them in helping children write creatively. Lectures and critique of writings by Dr. Claudia Lewis of the Bank Street College of Education in New York. Dr. Lewis has written books and verse for children and articles for the Saturday Review. Enrollment limited. Lewis. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 103 SH.

Ed 508. Workshop: Foreign Language Laboratory for Teachers. 3 hours. (August 12-16) (UO)

Designed especially to give foreign language teachers in elementary and secondary schools a comprehensive background in the use of modern language

laboratories. Major emphasis is placed on newly developed teaching techniques appropriate for use in language laboratories. Present-day issues and practices will be discussed including laboratory needs, the care of apparatus, methods of preparation and organization, critical evaluation of teaching, current principles and procedures, modern methods and materials. A laboratory-demonstration class is also planned. Enrollment limited. Langhammer. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 49 SPH.

Ed 508. Workshop: High School Forensics (teachers). 3 hours. (August 12-23) (UO)

Two weeks of intensive study and practice of theory and methods in high school speech activities including debate, oratory, extemporaneous speaking, and interpretive reading encompassing lectures, discussions, demonstrations and practice coaching with participating students (see corresponding workshop for high school students, Sp 33, same title). Emphasis upon topics which will be used during the ensuing school year. Enrollment open to high school teachers who may be responsible for some phase of speech activities. Course fee \$37.50. Padrow. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 490 SPH.

Sp 33. High School Forensics Workshop (students). (2) (non-credit). (August 12-23) (UO)

Two weeks of intensive study and practice of theory and methods in high school speech activities including debate, oratory, extemporaneous speaking, and interpretive reading encompassing lectures, discussions, demonstrations and projects in participation for students. Students will receive special coaching from participating teachers (see corresponding workshop for teachers (above), Ed 508 Workshop, same title). Emphasis upon topics which will be used during the ensuing school year. Enrollment open to high school students recommended by their high school speech teachers. Course fee \$20. Padrow. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 490 SPH.

Ed 508. Workshop: Intergroup Relations. 3 hours. (August 12-23) (UO)

Soc 508. Workshop: Intergroup Relations. 3 hours. (August 12-23) (UO)

A program to aid school personnel, community workers, and other interested persons to understand the nature of our intergroup society, the racial, religious and ethnic groups that compose it, and intergroup conflict arising from prejudice and discrimination. The current situation and programs for amelioration will be considered in the light of American values and of social science knowledge. Methods and materials will be discussed for education and intergroup relations and for dealing with intergroup problems in the school and community. Berreman, Guy. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 250 SH.

Ed 508. Workshop: The Pre-School Mentally Retarded. 3 hours. (June 17-28) (UO)

This program is especially designed for nursery school teachers and others working in the area of early childhood education who desire special knowledge in problems of identification, curriculum planning and methods for the pre-school age mentally retarded child. Demonstration classes will afford participants the opportunity to develop skills in identifying and determining effective ways in working with the mentally retarded child. Enrollment limited. Admission by prior application should be addressed to Robert J. Grid'ey, Chairman, Special Programs, Portland Continuation Center, 1633 S.W. Park Avenue, Portland. Anderson. Daily, 9:00 to 12:00 and 1:00 to 4:00, Neveh Shalom Congregation, 1603 S.W. 13th Avenue, Portland.

Ed 508. Workshop: Problems of Adolescents. 3 hours. (August 12-23) (OSU)

Role of parents, the school administrator, counselor and classroom teacher in identifying and dealing with problems of adolescents. Emphasis on the origin and

development of behavior. Demonstrations on the improvement of communication between adults and adolescents. Schulz and staff. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 201 SH.

Ed 408-508. Workshop: Program Planning in Outdoor Education. 3 hours. (August 18-24) (UO)

Rec 408-508. Workshop: Program Planning in Outdoor Education. 3 hours. (August 18-24) (UO)

One week of practical problems in planning educational programs in the outdoor laboratory. Participants will analyze the problems of programing and evaluation in outdoor education, and will experience the actual planning and leading of field trips and outdoor projects. Primarily planned to serve students, teachers, youth leaders, and administrators who desire to improve their own programs and leadership abilities through the media of the outdoor laboratory. This workshop will be held at Hoodoo Ski Bowl near the summit of Oregon's Santiam Pass, just off Highway 20. Tuition \$37.50; food and lodging for seven days \$40; both sums are payable at the time of registration. Registration must be completed on or before August 12. Limited enrollment. Ford. Daily, Hoodoo Ski Bowl.

Ed 507. Workshop: Programed Learning. 3 hours. (June 17-28) (OCE)

Purpose of this workshop is to help students gain a clear perspective of the field of auto-instruction and to be able to evaluate the new developments appropriately. It will center around the problems of programing. Each student will devote himself primarily to preparing, trying out and revising programs. The course is designed for public school personnel, for those in industry or government interested in self-instruction, and for persons in private and public colleges in the region. Briggs. Daily, 9:00 to 12:00 and 1:00 to 4:00, Lewis and Clark College. Special course fee, \$12.50.

GS 407-507. Seminar: Summer Institute in Biology for Elementary School Personnel. 6 hours. (July 13-August 3) (OSU)

A three-week field institute in biology designed especially for elementary school personnel. Particularly valuable for teachers new to Oregon and those who have not had the opportunity to study the biology of Oregon. Study of plants and animals in areas of Astoria, Cape Falcon, Charleston, Crater Lake, Klamath Falls, Malheur Lake, John Day, Clarno and Mt. Hood. This institute will enable the teacher to become more familiar with the life found in the sea, along the shore, the shore itself, in the mountains (both Cascade and Steens), in the desert and in the marsh. The fossils found in the state will also be studied. Three side trips to study alpine flowers of Coast Range, Mt. Hood and Steens Mountains as well as tours of the migratory bird refuges. Instruction by Miss Ruth Winchell and field personnel of the departments of Forestry and Fish and Wildlife. Prerequisite: General Biology; Natural History of Oregon; Geology or Botany. Tuition, \$75.00; food and lodging for three weeks, \$75.00; both sums are payable at the time of registration. Lodging will be primarily in motels; students will be expected to pay for several additional meals at the time service is rendered. Registration must be completed on or before July 8. Winchell and special staff.

Mus 508. Workshop: Percussion. 3 hours. (August 12-23) (UO)

Theoretical and practical study of the percussion instruments of the orchestra and band. Browne. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 453 SH.

PE 480. Driver Education and Training. (G) 3 hours. (August 12-23) (OSU)

A basic course for preparation of teachers to conduct driver-training courses in high schools. Actual behind-the-wheel instruction in dual-control car supplied under sponsorship of the American Automobile Association and the State Department of Education. Prerequisite: senior or graduate standing and teaching experience. Urlaub. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 101 SH.

Rec 407-507. Seminar: Camping Education and Counseling. 3 hours. (July 7-13) (UO)

A program of camping education and counseling training. Students will live and work in an organized camp for one week. Emphasis will be given to camp leadership techniques, principles and problems of group leadership and group behavior as related to camping education. This seminar will be held at Camp Silver Creek, located in the Silver Creek Falls State Park near Salem, Oregon. Tuition \$37.50; board and room \$24; both sums payable at time of registration. Limited enrollment. Registration must be completed on or before June 28. Ford. Daily, Camp Silver Creek.

Rec 554. Problems of Camp Management. 3 hours. (June 10-15) (UO)

Analysis of problems under various types of camp sponsorship, principles, techniques, resources, administrative practices, program planning, and leadership. Especially geared to Oregon camp staffs. Program will be held at Camp Kilowan, Willamette Council of Camp Fire Girls, for one week of intensive study followed by experience during a regularly scheduled camp session in an Oregon A.C.A. certified summer camp. Tuition \$37.50; board and room \$24. Registration must be completed on or before June 3. Limited enrollment. Ford. Daily, Camp Kilowan.

SEd 407-507. Seminar: Conservation Education (Advanced). 3 hours. (August 11-17) (OSU)

Resource management, stressing interrelationships of resources and basis of conflict and harmony in resource use in the Pacific Northwest. Water resources will be highlighted, and recreation, forest, wildlife, and soil resources will be studied in association with water. This workshop will be held at facilities of the Portland General Electric Company at Timothy Lake, in the Mt. Hood National Forest. Because of (a) the distances involved for the numerous field trips and (b) the dusty mountain roads to be traveled, commercial bus transportation, rather than private student cars, will be utilized. Prerequisite: Basic Conservation Workshop, or college course in Conservation, or permission of instructor. **Good physical condition is imperative.** Tuition, \$37.50, food and lodging for seven days, \$32.50, bus transportation, \$10.00; total of \$80.00 payable at time of registration. Registration must be completed on or before August 5. Ashbaugh, Rockie and special staff. Daily, Timothy Lake.

SEd 407-507. Seminar: Conservation Education (Basic). 3 hours. (Section I: July 28-August 3; Section II: August 4-10; Section III: August 11-17) (OSU)

Study of forestry, lumber, fish and wildlife, soils, crops, irrigation, water and power potentials and outdoor living for elementary and secondary teachers and administrators. This workshop, offered in three identical sections, will be held at Hoodoo Ski Bowl near the summit of Oregon's Santiam Pass, just off Highway 20. Students may enroll for one section only. Open only to students who have never participated in any previous Conservation workshop in the Portland Summer Term. **Good physical condition is imperative.** Tuition, \$37.50; food and lodging for seven days, \$40.00; both sums are payable at the time of registration. Registration must be completed on or before July 22. Scholarships are available for qualified students. Applications should be addressed to Robert J. Gridley, Chairman, Special Programs, Portland Continuation Center, 1633 S.W. Park Ave., Portland. Hopson, Dart and special staff. Daily, Hoodoo Ski Bowl.

SEd 407-507. Seminar: Radiation and Health. 3 hours. (July 29-August 9) (OSU)

A study of radiation and its effects on people. A survey course designed for public awareness of special interest to nurses, teachers, firemen, policemen, utility workers, housewives, and civil defense workers. A basic understanding of biology or physical science is the only requirement. The course will interpret and discuss

the latest development in radiation research and will utilize community resources through lectures, films, and field trips. Workshop director will be Dr. Thomas Colasuonno, who is director of public health of the Indiana University Medical Center. Colasuonno and special staff. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 201 SH.

SEd 508. Workshop: Resources in Health Education Relating to Smoking. 3 hours. (June 17-28) (OSU)

Development of materials, teaching procedures and activities for grades five through nine in teaching relationships of smoking to health. Scholarships of \$60 available from the Oregon Tuberculosis and Health Association and the American Cancer Society, Oregon Chapter. Application forms may be obtained from Robert J. Gridley, Chairman, Special Programs, Portland Continuation Center, 1633 S.W. Park Ave., Portland. Anderson. Daily, 9:00 to 12:00 and 1:00 to 4:00, June 17 through 21, and 2:00 to 5:30 and 7:00 to 9:00, June 24 through 28, Room 245 SH.

Soc 507. Seminar: Group Process. 6 hours. (June 17-July 12) (UO)

An intensive study of group process designed to provide an over-all grasp of the principal scientific concepts relating to behavior in small groups. Emphasis will be given to such dimensions of small group behavior as interaction, roles, leadership, learning, motivation, perception, communication, decision-making and others. Several types of groups will be considered including study, friendship, therapy, and work groups. The course is aimed primarily at the theoretical and practical needs of administrators, teachers, social workers, and therapists, and will include reading assignments, lectures, seminar discussion, individual conference, and written papers. Prerequisite: Admission by prior application should be addressed to Robert J. Gridley, Chairman, Special Programs, Portland Continuation Center, 1633 S.W. Park Avenue. James. Daily, 9:00 to 12:00 and 1:00 to 4:00, Room 201 SH.

Certificate Program for Teachers of the Mentally Retarded

Teachers who have the necessary qualifications may complete the Certificate Program for Teachers of the Mentally Retarded in the eight-week session of either the University of Oregon or the Portland Continuation Center. A twelve-hour program in this specialty is scheduled. Teachers enrolling in this program will not have time available for courses in other fields. The Portland Continuation Center program, consisting of the following courses, will be held at the Eliot School, 2231 N. Flint, Portland. For application for admission form write to Robert J. Gridley, Chairman, Special Programs, Portland Continuation Center, 1633 S.W. Park Avenue, Portland 1, Oregon.

Ed 489. Curriculum for the Mentally Retarded. (G) 3 hours. (UO)

Ed 409. Practicum: Teaching the Mentally Retarded. (G) 3 hours. (UO)

ArE 409. Practicum: Art Experiences for the Mentally Retarded. (G) 3 hours. (UO)

Ed 464. The Mentally Retarded Child. (G) 3 hours. (UO)

Counselor Training Program

Portland Continuation Center will offer an Advanced Summer Term Counseling and Guidance Training Institute under the National Defense Education Act. The Counseling and Guidance Training Institute carries graduate credit only, and admission involves special procedures. Enrollees in this Institute, and a year-long institute to be held through 1963-64, are selected by special criteria.

Information of institutes may be obtained from Dr. Harold W. Bernard, Director, Counseling and Guidance Institute, 1633 S.W. Park Ave., Portland 1, Oregon, or call 226-6601, extension 1160.

Ed 507. Seminar: Self-Evaluative Analysis. 3 hours. (UO-OSU)

This seminar is designed specifically for counselor-trainees to assist in the delineation of an accurate self-concept and development of a more adequate person in the counseling role. This will be developed on an individual and group basis. Zwetschke.

Ed 507. Seminar: Counseling and Guidance Problems. 3 hours. (UO-OSU)

This course is planned to meet the requirements of an advanced counselor training program. Counselor-trainees will work with group counseling, family consultation and able underachievers.

Psy 507. Seminar: Interpreting Individual Test Scores. 3 hours. (UO)

The purpose of this course is to develop additional competence in the administration, scoring, and interpretation of individual intelligence tests. The emphasis will be on the Wechsler Scales for Adults and Children.

Ed 577. Counselor Training: Group Procedures. 3 hours. (OSU)

Principles underlying behavior and methods for modifying individual's attitudes and actions by group procedures; survey of group dynamics; evaluation of leader's role in group; process of attitudinal change and its results; approaches to group and play therapy; relation between individual and group counseling methods. Prerequisite: Ed 485, 487.

The above courses constitute the core offering for the Institute. Additional courses which will be available for individual-program planning are:

Ed 491. Social Education. (C) 3 hours. (OSU-UO)

Ed 505. Reading and Conference. (OSU-UO)

Ed 509. Practicum: Secondary School Counseling. Hours to be arranged. (UO)

Psy 525. Individual Intelligence Testing. 3 hours. (UO)

Ed 588. Supervised Counseling Techniques. 3 hours. (OSU)

Ed 589. Organization and Administration of Guidance Services. 3 hours. (OSU)

Demonstration School

An eight-room elementary demonstration school will be operated at Shattuck School, 1914 S.W. Park Ave. Limited opportunity will be avail-

able for students wishing to do supervised teaching. Students interested in doing supervised teaching may contact Dr. Ray Wolf, director of student teaching at Portland State College. The program offers enrichment experiences for elementary students in grades 1 through 8. Students, other than those enrolled in supervised teaching, who wish to visit must make arrangements in advance with the principal of the school.

General Special Education

Dr. William Cruickshank, Director, Division of Special Education, School of Education, Syracuse University, will conduct a special workshop dealing with the exceptional child. Special emphasis will be placed on the child with brain injury. The course has been designed to include the several fields of special education, and is specifically for the experienced teacher and clinician working in mental retardation, physical handicaps, remedial reading, brain injury, and corrective speech.

Ed 508. Workshop: Evaluation of Exceptional Children. 4 hours. (June 17-28.) (UO)

Attention will be given to a review and synthesis of current evaluation and treatment materials available to the several disciplines concerned in the management of exceptional children. Experience in evaluating the exceptional child will be provided through demonstrations and discussions of the problems involved. Although primary emphasis will be on evaluation, implications for the teaching of the exceptional child will be considered. The course is specifically designed for special Education Personnel working in the several areas of exceptionality, inclusive of: physical handicaps, mental retardation, reading and associated learning problems, and speech and hearing disorders. Cruickshank assisted by DuPuis. Consent of Drs. Lillywhite, English, or Otto required. Daily 9:00-12:00 and 1:00-3:00, Saturdays and Sundays excluded.

Remedial Education and Summer Reading Clinic

Ed 409 (G)—509, Practicum: Remedial Education, is offered in conjunction with the reading clinic, which is operated at Shattuck Elementary School. Teachers who are preparing to meet state certification and/or University of Oregon master's degree requirements in remedial education and classroom teachers interested in diagnostic and remedial techniques will find the practicum experience to be of value. Practicum may be taken for either 3 or 6 hours of credit during summer term.

Special permission to enroll in the practicum must be obtained from Dr. Wayne Otto. Since enrollment is limited, it is important to make application well in advance of the beginning of summer term—preferably before May 17.

Applicants for enrollment in the reading clinic may be referred by parents or teachers. To be eligible, children should be in grades four (or

repeating grade three) through eleven. Children accepted for enrollment will be scheduled between 9:00 and 11:00 on Monday through Thursday from June 24 through August 1. The reading clinic is located, during the summer term, in Shattuck Elementary School, 1914 S.W. Park Ave., Portland. Application should be made as soon as possible.

Concurrent enrollment in Ed 409 (G) Practicum: Remedial Education is required for all students enrolling in Ed 465 or Ed 468.

Direct inquiries about practicum, remedial education programs, and enrollment in the reading clinic to Dr. Wayne Otto, Portland Continuation Center, 1633 S.W. Park Avenue, Portland 1, Oregon. (226-6601, extension 1152.)

Courses required for the state remedial education certificate that are offered in the summer term are:

Ed 409. **Practicum: Remedial Education (Diagnosis).** (G) 3 hours. (UO)

Ed 409. **Practicum: Remedial Education (Correction).** (G) 3 hours. (UO)

Ed 509. **Advanced Practicum: Remedial Education.** 3 hours. (UO)

Ed 428. **Psychology of Reading Instruction.** (G) 3 hours. (UO)

Ed 460. **Psychology of Childhood.** (G) 3 hours. (OSU)

Ed 462. **Psychology of Exceptional Children.** (G) 3 hours. (UO)

Ed 468. **Remedial Techniques in the Basic Skills.** (G) 3 hours. (UO)

Psy 421. **Principles and Methods of Psychological Assessment.** (g) 3 hours. (UO)

Psy 524. **Individual Intelligence Testing.** 3 hours. (UO)

Recommended courses:

Ed 429. **Principles of Remedial Education.** (G) 3 hours. (UO)

Ed 463. **The Maladjusted Child.** (G) 3 hours. (UO)

Ed 464. **The Mentally Retarded Child.** (G) 3 hours. (UO)

Ed 465. **Diagnostic Techniques in the Basic Skills.** (G) 3 hours. (UO)

Ed 537. **Reading in the Elementary School.** 3 hours. (UO)

Ed 562. **Issues in Extreme Learning Difficulty.** 3 hours. (UO)

Courses in Remedial Education

Basic Courses in Remedial Education Sequence :

Ed 429. **Principles of Remedial Education.** (G) 3 hours. (UO)

Introduction to extreme school learning problems; factors associated with underachievement; general principles of diagnosis and remediation; diagnostic instruments and remedial resources. Applicable to programs at the elementary and secondary level and in areas of exceptionality.

Ed 465. **Diagnostic Techniques in the Basic Skills.** (G) 3 hours. (UO)

Analysis of difficulty in the skills of reading, spelling, arithmetic, and handwriting; selection, administration, and interpretation of group and individual diagnostic achievement tests; diagnostic procedures; development of the diagnostic report. Concurrent enrollment in Practicum: Remedial Education-Diagnosis (Ed 409) required.

Ed 409. Practicum: Remedial Education (Diagnosis). (G) 3 hours. (UO)

Supervised clinical experience in the diagnosis of learning difficulties of school pupils. Ed 429 or consent of instructor; concurrent registration in Ed 465 required.

Ed 468. Remedial Techniques in the Basic Skills. (G) 3 hours. (UO)

Organization and implementation of the remedial program; specific procedures in the remediation of difficulty in the skills of reading, spelling, arithmetic, and handwriting; location and creation of remedial instrumental materials. Concurrent enrollment in Practicum: Remedial Education-Correction (Ed 409) required.

Ed 409. Practicum: Remedial Education (Correction). (G) 3 hours. (UO)

Supervised clinical experience in the remediation of learning difficulties of school pupils. Prerequisite: Ed 429, Ed 465, or consent of instructor; concurrent registration in Ed 468 required.

Advanced Courses in Remedial Education**Ed 509. Advanced Practicum: Remedial Education.** 3 hours. (UO)

Intensive clinical work involving the complete range of problems in Remedial Education. Prerequisite: satisfactory work at the Ed 409 level and consent of instructor.

Ed 562. Issues in Extreme Learning Difficulty. 3 hours. (UO)

Investigation of theory and research related to learning problems in the basic skills; analysis of differential learning capacity; reading-auditing relationships; sensory-motor modes of remediation; social-emotional correlates of skills disability; therapeutic elements of remediation.

Related Courses in Reading**Ed 428. Psychology of Reading Instruction.** (G) 3 hours. (UO)

Research and practices relating to the reading process and reading instruction; the nature and development of readiness, word power, integration of meaning, reading-learning efficiency, measurement of reading.

Ed 469. Reading in High School and College. (G) 3 hours. (UO)

Basic principles of reading instruction; nature of the total reading program; methods, materials, and organization of the developmental and corrective reading program in high school and college.

Spanish Study Tour

Participants will leave the United States June 21, returning August 17; visiting Montreal, London, Paris (5 days), Versailles, and some 18 communities in Spain. Besides side trips, cultural programs and sight-seeing excursions, participants will receive seven quarter hours of graduate or undergraduate credit via two required seminars in conjunction with the tour. Both of these will be taught by Frank Vecchio of the Portland State College faculty. The seminar in Spanish Applied Linguistics is a practical application of linguistic science. The course is designed primarily for the Spanish teacher. Functional and structural analysis of the evolution from Latin to Spanish will follow a brief historical background. The seminar in Spanish History, Culture and Civilization will study some

of the problems of European civilization with special regard to Spain. Typical problems for investigation would be Spain's role in the development of modern Europe; Spain's role in the expansion of Europe; the Renaissance in Spain; the decline of Spanish imperial hegemony; and the historical heritage of Spanish literature. The Portland Continuation Center of the General Extension Division is jointly sponsoring this tour with the American Heritage Association. Prerequisite: Approval by instructor and A.H.A. Tuition \$87.50; trip cost, room and board, etc. \$795. Application deadline June 1. For further information contact the A.H.A., Box 435, Lake Oswego, Oregon, NE 6-6959, or Robert Wilcox, Portland Continuation Center, 1633 S.W. Park Ave., Portland 1, Oregon, 226-6601, extension 1138.

RL 407. Seminar: Spanish Applied Linguistics. (G) 3 hours.

Hst 418. Spanish History, Culture and Civilization. (g) 4 hours.

Speech Correction Programs

Student Program

Two types of programing in speech correction are offered through the Portland Continuation Center. (1) Programs leading to certification with the State of Oregon and the American Speech and Hearing Association; and (2) programs leading to the Master of Education degree at the University of Oregon. Both programs represent an extension of the University of Oregon's speech correction program, and are offered at the Portland Continuation Center in cooperation with the Crippled Children's division, University of Oregon Medical School. Students interested in either of these programs are encouraged to contact Dr. Robert H. English, Portland Continuation Center, for information and guidance.

Courses required for speech correction programs and offered during the summer term are:

Sp 370. **Phonetics.** 3 hours. (PSC)

Sp 371. **Speech Science.** 3 hours. (UO)

Sp 481. **Speech Pathology.** (G) (First Term) 3 hours. (UO)

Sp 483. **Speech Pathology.** (G) (Third Term) 3 hours. (UO)

Sp 484, 485, 486. **Clinical Speech Therapy.** (G) 2 hours. (UO)

Sp 488. **Audiology.** (G) (Second Term) 3 hours. (UO)

Sp 507. **Seminar: Advanced Practicum in Clinical Procedures in Speech Correction.** 9-12 hours. (UO)

Students enrolled in clinical activities, the Advanced Practicum and the Articulation Disorders Seminar, will have the opportunity to observe and participate in the various clinics at the Medical School.

Special Four-Week Seminar in Speech Correction

Each summer Portland Continuation Center provides a special four-week seminar for advanced clinicians under the direction of an outstanding visiting instructor. This summer, Dr. Stanley Ainsworth, Chairman, Program for Exceptional Children, University of Georgia, Athens, Georgia, will conduct a seminar in Articulation Disorders assisted by Mrs. Ruth M. DuPuis, Consultant for the Speech and Hearing Program, Portland Public Schools.

Sp 507. Seminar: Advanced Procedures and Techniques in the Treatment of Articulation Disorders. 6 hours. (UO)

Consideration will be given to a review and consolidation of current examination and treatment materials available in the Speech Pathology field, with special attention being given to articulation deviations found in school age children at all levels. Course will include demonstrations of typical articulation problems and application of current practices for the speech clinic. Attention will be given to special articulation problems arising from organic speech disorders. Ainsworth assisted by DuPuis. Consent of Dr. Lillywhite or Dr. English required. (July 15 to August 9.) Daily, 8:00 to 12:00 Saturday and Sunday excluded.

Speech Corrective Services for Children

Clinical speech correction services are provided children between the ages of 4 and 21. The selection of children for admission to the clinic is on the basis of examination and interview. A parent must accompany the child to the examination, and should be available for conference with clinicians at least one day per week throughout the six-week summer term for the children. Referrals may come from any source. Children in speech correction are scheduled for one and two hour periods, four mornings per week, for six weeks at the Speech Clinic in the basement of South Park Hall, 724 S.W. Harrison. Applications for the clinic should be directed to Mr. Robert Casteel, Clinic Supervisor, Portland Continuation Center, 1633 S.W. Park Ave., Portland 1, Oregon.

Portland State College Summer Programs

In addition to the summer offerings made available through General Extension Division, Portland State College will offer two special programs this summer. All inquiries pertaining to these programs should be directed to the appropriate persons at Portland State College.

Mathematics for Secondary School Teachers

This institute, supported by an NSF grant to Portland State College, is especially designed for secondary school teachers of mathematics. It will provide them with a better understanding of the algebra and geometry they teach; a comparative analysis of contemporary and traditional high school algebra courses; and a broad mathematical base for their teaching, specifically by studying introductory abstract algebra. The institute will be held five days a week during the period of June 17 to August 9. Participants will receive a stipend and allowance for dependents and travel. Enrollment limited to the 30 secondary teachers awarded stipends for the institute. Request for application forms should be directed to Dr. J. Richard Byrne, Portland State College, P.O. Box 751, Portland 7, Oregon. Byrne, Krakowski and Rempfer.

Mth 507. Seminar: **Geometry.** 4 hours. Krakowski.

Mth 507. Seminar: **Introduction to Abstract Algebra.** 4 hours. Byrne.

Ed 507. Seminar: **Methods and Materials in Teaching High School Algebra.** 2 hours. Rempfer.

Language

Deutsche Sommerschule am Pazifik

A program of intensive instruction in the German language and literature for advanced students from June 14 to August 3. A distinguished faculty of German-born teachers from colleges and universities in the Pacific Northwest will give courses in German poetry, the drama, and the Novelle, as well as intensive training in conversation and composition. German will be used exclusively in and out of the classroom. German movies, music, and art will help students live the language. Trips to mountain and beach, sports, parties and games are part of the program.

For further information, write to Dr. H. F. Peters, Portland State College, P.O. Box 751, Portland 7, Oregon. After consultation with Dr. Peters, students will register for a combination of courses selected from the listing below and totaling 9 to 12 hours credit. An additional course fee of \$60 is required for this program.

GL 334, 335, 336. **Intermediate German Conversation and Composition.** 2 hours. Peters and staff.

GL 401. **Special Studies: German Life and Thought.** 2 hours. Peters and staff.

GL 407. **Seminar: The Novelle.** 4 hours. Langhammer.

GL 407. **Seminar: Sec. 1. The Romantic Tradition.** (g) 4 hours.

Sec. 2. **The Classic Ideal.** (g) 4 hours. Peters.

Sec. 3. **Twentieth Century Literature.** 4 hours. Eaton.

Ed 408. **Special Secondary Methods: German.** 1-3 hours. Eaton.

GL 424, 425, 426. **Advanced German Composition and Conversation.** (G) 2 hours. Peters and staff.

General Extension Division

Through its extension program of the educational resources of its campus institutions, the Oregon State System of Higher Education has the responsibility of serving the higher education needs of the people of Oregon not regularly enrolled in a college or university.

The General Extension Division serves as the administrative agency of the State System of Higher Education—initiating, coordinating and guiding extension programs: (1) Offerings for credit, such as regular courses, correspondence study, workshops, institutes and telecourses, (2) Services of a noncredit nature, such as audio-visual activities and facilities, cultural activities, and other educational service projects, (3) Continuing-education opportunities for adults through noncredit courses, institute-conference programs, radio, television films and other media of communication of information.

The General Extension Division is responsible for establishing, staffing and maintaining departments for education services, regional offices to represent all departments of the division, audio-visual, radio and television facilities to provide higher education for adults based on the unified program of the Oregon State System of Higher Education. Operations of General Extension Division are conducted through the four sections described below:

Development and Evaluation

Development and Evaluation is primarily responsible for identifying public needs and problems, analyzing higher educational resources and skills available, and developing educational programs of applied studies and research. Specialists in educational media, academic disciplines, instruction, and consultation serve as consultants. Educational programs promoted by Development and Evaluation are assigned to Continuation Centers, State-Wide Services, or Educational Media for operation and management.

Continuation Centers

Continuation Centers of the Oregon State System of Higher Education are located on university and college campuses. Each Center has a service area of contiguous territory so that Oregon is provided needed opportunities for adult higher education. These Centers have three major functions: originating, developing, and managing educational opportunities in continuing higher education.

State-Wide Services

State-Wide Services is responsible for providing the management of adult educational and cultural programs, and the extension of instruc-

tion and services of the Oregon State System of Higher Education not assigned to Continuation Centers or Educational Media. As educational programs are developed for Continuation Centers or Educational Media, responsibility for operation and management is delegated to these units. Divisional Services such as information, publications, printing, duplicating, mailing, business operations, registrar's functions, and others are managed by State-Wide Services.

Educational Media

Educational Media is responsible for administering, programing, and engineering radio and television networks operated by the Oregon State System of Higher Education for the education, information and enrichment of the people of Oregon. Audio-Visual Services of Educational Media make available to schools, community groups and other organizations, motion picture films, tape recordings, slides, and such professional services as planning and production of films, art work, graphics, demonstrations, workshops and consultations.

Administrative Officers

ROY E. LIEUALLEN, Ed.D.	Chancellor, Oregon State System of Higher Education
JAMES W. SHERBURNE, Ph.D.	Dean
DANIEL W. FULLMER, Ph.D.	Director of Development and Evaluation
VIRON MOORE, Ed.D.	Director of Statewide Services
RALPH W. STEETLE, M.A.	Director of Educational Media
PAUL E. WATSON, Ed.D.	Director of Continuation Centers
LEROY R. PIERSON, Ed.D.	Head, Portland Continuation Center
ROBERT J. GRIDLEY, M.Ed.	Chairman of Special Programs
BERNARD C. BAUMGARTNER, B.A.	Registrar
JEAN P. BLACK, Ph.D.	Librarian
WILLIAM T. LEMMAN, JR., B.S.	Business Manager

Summer Faculty

- MARIAN C. AIKIN, M.S., Assistant Professor of Family Life, Oregon State University.
B.S. (1939), Nebraska; M.S. (1943), Iowa State University.
- STANLEY H. AINSWORTH, Ph.D., Professor, University of Georgia.
A.B. (1933), Michigan State Normal College; M.A. (1937), Iowa; Ph.D. (1949), Northwestern University.
- R. MARJORIE ALBERTSON, M.M., Associate Professor of Music, Portland State College.
B.M. (1929), Idaho; M.M. (1941), Idaho.
- ARLENE M. ANDERSON, M.Ed., Supervisor, Student Personnel Services, David Douglas School District.
B.S. (1949), Eastern Oregon College; M.Ed. (1959), University of Oregon.
- CARL L. ANDERSON, Dr. P.H., Professor of Hygiene and Environmental Sanitation.
B.S. (1928), M.S. (1932), Dr. P.H. (1934), Michigan.
- R. DUANE ANDREWS, Ph.D., Associate Professor of Education, General Extension Division.
B.Ed (1951), Colorado State University; M.A. (1956), Wyoming; Ph.D. (1960), Wyoming.
- EUGENE D. ASHBACK, M.Ed., Instructor, Portland Public Schools.
B.A. (1946), Ed.M. (1953), Eastern Washington College.
- JAMES G. ASHBAUGH, M.A., Assistant Professor of Geography, Portland State College.
B.A. (1950), Central Washington College of Education; M.A. (1953), Colorado.
- JOSEPH J. AZZARELLI, D.Ed., Assistant Professor of Education, University of Oregon and General Extension Division.
B.A. (1951), Buffalo; M.A. (1959); D.Ed., Teachers College, Columbia University.
- CLAUDE D. BABCOCK, Ed.D., Associate Professor, Lewis and Clark College.
B.A. (1931), Ed.D. (1956), Washington State University.
- D. HOWARD BACKLUND, M.Ed., Assistant Professor of Business Education, Portland State College.
B.A. (1937), M.Ed. (1951), University of Oregon.
- O. PAT BARNEY, D.Ed., Counselor Chairman, Jefferson High School.
B.S. (1948), Utah; M.Ed. (1957), D.Ed. (1962), University of Oregon.

CHARLES P. BARTI, Ph.D., Assistant Professor of Speech, Portland State College.

B.A. (1952), M.A. (1956), Sacramento State College; Ph.D. (1958), Denver.

INA M. BEASLEY, Ph.D., Principal Lecturer, Maria Grey College, England.

Ph.D., (1931), University of London.

GRACE BENTALL, D.Ed., Instructor, Remedial Reading, Portland Public Schools.

A.B. (1939), Western State Teachers College (Kalamazoo); M.A. (1945), Michigan; D.Ed. (1961), University of Oregon.

HAROLD W. BERNARD, Ph.D., Professor of Education, General Extension Division.

A.B. (1930), Spokane University; M.A. (1933), Stanford University; Ph.D. (1938), Northwestern University.

JOEL V. BERREMAN, Ph.D., Professor of Sociology, University of Oregon.

B.A. (1927), Willemette; M.A. (1933), University of Oregon; Ph.D. (1940), Stanford.

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A.B. (1939), Washington; Ph.D. (1951), University College of Los Angeles.

ALMA J. BINGHAM, Ed.D., Associate Professor of Education, Portland State College.

A.B. (1948), University College of Los Angeles; M.A. (1952), Ed.D. (1957), Columbia.

ROBERT W. BLAKELEY, Ph.D., Assistant Professor of Speech Pathology, University of Oregon Medical School.

B.A. (1951), California, (Santa Barbara); M.S. (1952), University of Oregon; Ph.D. (1958), Michigan.

ALLEN BLUMBERG, M.Ed., Associate Professor, Marshall University, Virginia.

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JOSEPH C. BLUMEL, M.A., Assistant Professor of Economics, Portland State College.

B.S. (1850), Nebraska; M.A. (1956), Nebraska.

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ROBERT L. BOSTER, B.S., Instructor in Chemistry, Portland State College.

B.S. (1960), Portland State College.

HELEN M. BOWERS, M.A., Vice-Principal, Cleveland High School, Portland.

B.A. (1941), Albany College; M.A. (1947), Washington.

ROBERT D. BOYD, Ph.D., Chief Psychologist, Community Child Guidance Clinic.

B.A. (1938), Linfield; M.A. (1941), Southern California; M.A. (1947), Ph.D. (1953), Michigan.

LESLIE J. BRIGGS, Ph.D., Director, Instructional Methods Program, American Institute for Research.

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B.A. (1934), M.A. (1934), Ph.D. (1938), Minnesota.

CLARKE H. BROOKE, Ph.D., Professor of Geography, Portland State College.

B.A. (1942), M.A. (1950), Washington; Ph.D. (1956), Nebraska.

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B.S. (1944), Ph.D. (1951), Louisiana State University.

JUDITH C. BROWN, M.E., Reading Collaborator, Jefferson High School.

B.A. (1940), University College of Los Angeles; M.E. (1956), University of Oregon.

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LEO L. BROWNE, M.Mus.Ed., Vocal and Instrumental Music Instructor, Multnomah Elementary School, Portland.

B.S. (1949), M.Mus. Ed. (1952), Lewis and Clark College.

JOHN A. BUELKE, Ed.D., Professor of Education, Western Michigan University.

B.S. (1940), Wisconsin State College (Oshkosh); M.A. (1942), Northwestern University; Ed.D. (1952), Cincinnati.

- CHARLES W. BURSCH, II, Ed.D.**, Associate Professor of Educational Psychology, Portland State College.
A.A. (1937), Sacramento Junior College; A.B. (1939), Ed.D. (1954), Stanford.
- JOHN L. BUTLER, M.D.**, Assistant Professor of Psychiatry, University of Oregon Medical School.
B.S. (1942), Idaho; M.D. (1946), Johns Hopkins.
- J. RICHARD BYRNE, Ph.D.**, Associate Professor of Mathematics, Portland State College.
B.A. (1947), Reed; M.S. (1951), Ph.D. (1953), Washington.
- GEORGE A. CARBONE, Ph.D.**, Professor of History, Portland State College.
A.B. (1939), M.A. (1941), Ph.D. (1947), California.
- HERBERT D. CARLIN, M.S.**, Associate Professor of History, Oregon State University.
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- WARREN P. CARRIER, Ph.D.**, Professor of English, Portland State College.
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- RICHARD T. CARTER, B.S.**, Instructor in Biology, Portland State College.
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- ROBERT L. CASTEEL, M.A.**, Instructor in Speech, General Extension Division.
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- HERBERT E. CHILDS, Ph.D.**, Professor of English, Oregon State University.
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- THOMAS M. COLASUNNO, Ed.D.**, Associate Professor, Indiana University.
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- DALE E. COURTNEY, Ph.D.**, Associate Professor of Geography, Portland State College.
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- WALFRED A. DAHLBERG, M.A.**, Associate Professor of Speech, University of Oregon.
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- CARL E. W. L. DAHLSTROM, Ph.D.**, Professor of English, Portland State College.
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- JOHN O. DART, Ph.D.**, Professor of Geography, Portland State College.
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- MIECZYSLAW J. P. d'Ermengard, Colonel**, Instructor in Foreign Languages, Portland State College.
Imperial Military Academy (1917), Russia; Military Academy (1923), Poland; Senior Military Academy (1930), Poland; Staff Academy (1934), Poland.

- RODERIC C. DIMAN, M.A.**, Instructor in Foreign Languages, Portland State College.
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- CHARLES EDWIN DITTO, D.Ed.**, Superintendent of Schools, Oregon City Public Schools.
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- BASIL DMYTRYSHYN, Ph.D.**, Associate Professor of History, Portland State College.
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- FRED L. DOBLER, M.Ed.**, Elementary Teacher.
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- ROBERT E. DODGE, Ph.D.**, Professor of Business Administration, Portland State College.
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- WILL DRUM, J.D.**, Associate Professor of Sociology and Social Work, General Extension Division and University of Oregon.
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- RUTH M. DUPUIS, M.S.Ed.**, Consultant, Speech and Hearing, Portland Public Schools.
B.S. (1950), Lewis and Clark College; M.S.Ed. (1952), University of Oregon.
- VERNE DUSENBERRY, Ph.D.**, Associate Professor, Montana State College.
B.S. (1927), Montana State College; M.A. (1955), Montana State University; Ph.D. (1962), Stockholm.
- EDMUND R. EGLINSKI, Ph.D.**
B.A. (1953), Bowling Green State University; M.F.A. (1959), Ph.D. (1963), Iowa State University.
- WAYNE K. ELLEFSON, B.S.**, Instructor, Portland State College.
B.S. (1958), University of Oregon; C.P.A. (1959), State of Oregon.
- ROBERT H. ENGLISH, D.Ed.**, Assistant Professor of Speech, General Extension Division.
A.B. (1947), M.A. (1950), College of the Pacific (Stoekton); D.Ed. (1961), University of Oregon.
- CAESAR E. FARAH, Ph.D.**, Assistant Professor of History, Portland State College.
A.B. (1952), Stanford; M.A. (1955), Ph.D. (1957), Princeton.
- JAMES W. FERGUSON, Ph.D.**, Professor of Chemistry, Portland State College.
A.B. (1929), Miami University (Ohio); A.M. (1931), Oberlin College; Ph.D. (1934), Michigan.
- W. K. FERRIER, Ed.D.**, Professor of Education, Oregon State University.
B.S. (1923), Oregon State University; M.S. (1927), Washington; Ed.D. (1953), Oregon State University.
- MILDRED G. FLANAGAN, M.A.**, Assistant Professor of Mathematics, Portland State College.
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Oregon State System of Higher Education

The Oregon State System of Higher Education, as organized in 1932 by the State Board of Higher Education following a survey of higher education in Oregon by the U.S. Office of Education, includes all the state-supported institutions of higher education. The several institutions are elements of an articulated system, parts of an integrated whole. The educational program is so organized as to distribute as widely as possible throughout the state the opportunities for general education and to center on a particular campus specialized, technical, and professional curricula closely related to one another.

The institutions of the state system of higher education are Oregon State University at Corvallis, the University of Oregon at Eugene, Portland State College at Portland, Oregon College of Education at Monmouth, Southern Oregon College at Ashland, Eastern Oregon College at La Grande, and Oregon Technical Institute at Klamath Falls. The University of Oregon Medical School and the University of Oregon Dental School are located in Portland. The General Extension Division, representing all the institutions, has headquarters in Portland and offices in Ashland, Corvallis, Eugene, La Grande, Monmouth and Salem.

At Oregon College of Education, Southern Oregon College, and Eastern Oregon College, students may complete major work in teacher education or general studies or enroll in a preprofessional program. A major program in business is offered at Southern Oregon College.

Portland State College offers major work in general studies and selected liberal arts and professional fields as well as certain preprofessional programs.

At the University of Oregon and Oregon State University, major curricula, both liberal and professional, are grouped on either campus in accordance with the distinctive functions of the respective institutions in the unified state system of higher education.

Oregon Technical Institute offers technology curricula leading to associate degrees in technical and semi-professional areas.

An interinstitutional booklet, *Your Education*, which outlines the curricula of the several institutions and contains other information, is available. For a copy, write to Division of Information, Board of Higher Education, P.O. Box 5175, Eugene, Oregon.

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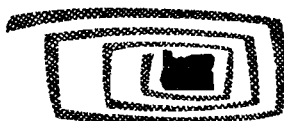
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- ☐ 1963-64 Continuation Centers' Academic Year Catalog & Fall Schedules including (Ashland Center, La Grande Center, Portland Center, Monmouth-Salem Center, Eugene Center and Corvallis Center.)
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