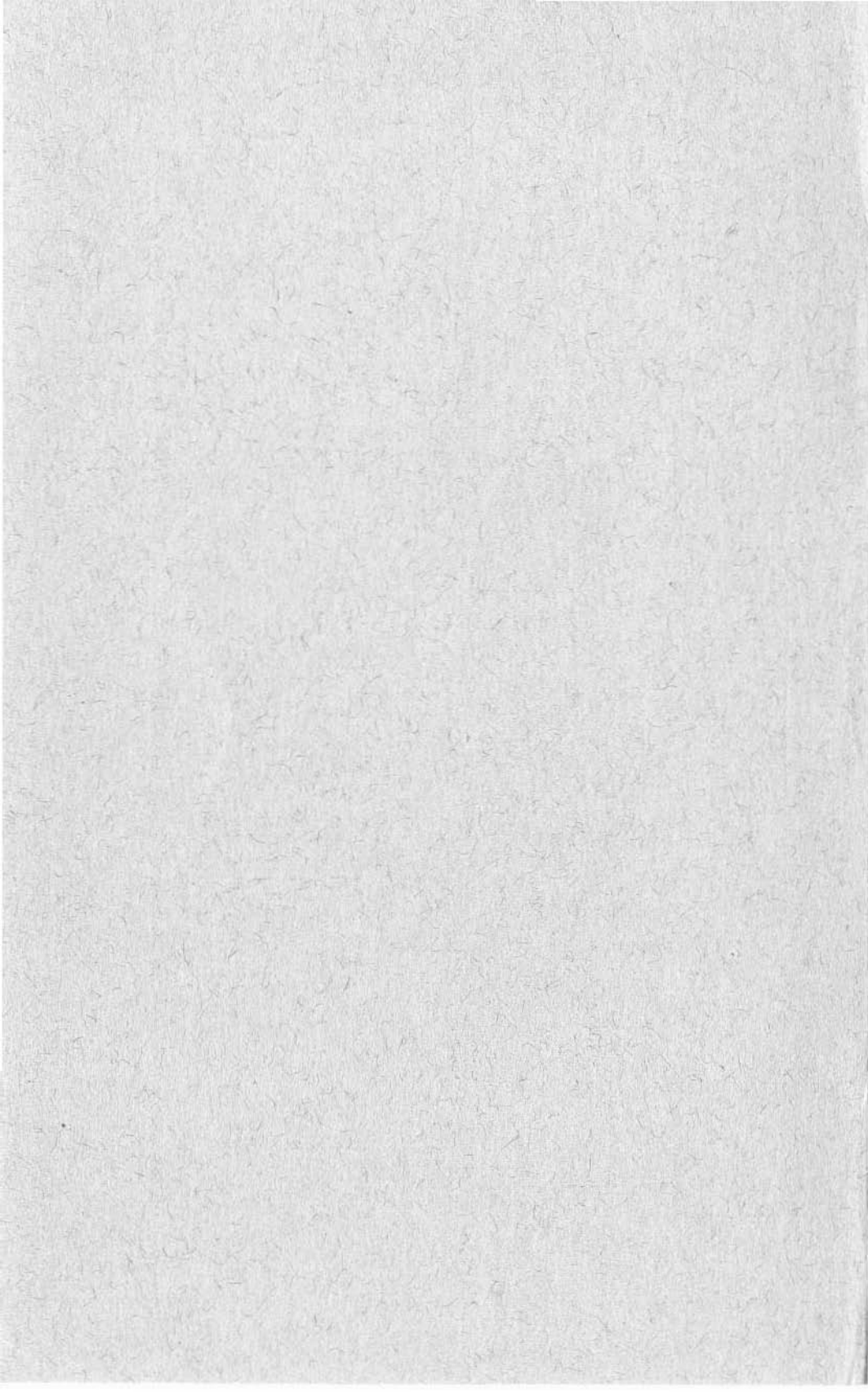


**O R E G O N**  
State System of  
Higher Education  
**B U L L E T I N**



**Portland Extension Center**  
Catalog Issue, 1938-39

Portland, Oregon



# PORTLAND EXTENSION CENTER

UNIVERSITY OF OREGON  
OREGON STATE COLLEGE  
OREGON NORMAL SCHOOLS

## ANNOUNCEMENTS

1938-39

814 OREGON BUILDING  
PORTLAND, OREGON

## Oregon State System of Higher Education

**T**HE Oregon State System of Higher Education, as organized in 1932 by the State Board of Higher Education following a Federal survey of higher education in Oregon, includes all the state-supported institutions of higher learning. The several institutions, located at six different places in the state, are now elements in 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 the University of Oregon at Eugene, Oregon State College at Corvallis, the University of Oregon Medical School at Portland, the Oregon Normal School at Monmouth, the Southern Oregon Normal School at Ashland, and the Eastern Oregon Normal School at La Grande.

Each of these institutions, except the Medical School which is on a graduate basis, provides the general studies fundamental to a well-rounded education. At the three normal schools general and professional studies are combined in the teacher-training curriculum. At the Southern Oregon Normal School and the Eastern Oregon Normal School students who do not plan to become elementary school teachers may devote their time exclusively to studies in the liberal arts and sciences.

At the University and the State College two years of unspecialized work in liberal arts and sciences are provided on a parallel basis in the Lower Division. Beyond the lower-division level the work of the two institutions is distinctly differentiated. At the University are centered the advanced curricula in the arts, letters, and social sciences, and the professional schools resting on these fundamental fields of knowledge. At the State College are centered the advanced curricula in the physical and biological sciences and the professional schools resting on these natural sciences.

## State Board of Higher Education

	Term Expires
HERMAN OLIVER, John Day.....	1939
EDWARD C. PEASE, The Dalles.....	1940
F. E. CALLISTER, Albany.....	1941
BEATRICE WALTON SACKETT, Marshfield.....	1942
C. A. BRAND, Roseburg.....	1943
E. C. SAMMONS, Portland.....	1944
ROBERT W. RUHL, Medford.....	1945
WALTER E. PEARSON, Portland.....	1946
WILLARD L. MARKS, Albany.....	1947

### OFFICERS

WILLARD L. MARKS.....	President
EDWARD C. PEASE.....	Vice-President

### EXECUTIVE COMMITTEE

WILLARD L. MARKS

EDWARD C. PEASE

E. C. SAMMONS

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CHARLES D. BYRNE, Secretary

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## Oregon State System of Higher Education

### Executive Officers

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Chancellor

WILLIAM JASPER KERR, D.Sc., LL.D., Chancellor Emeritus

DONALD MILTON ERB, Ph.D. President, University of Oregon	GEORGE WILCOX PEAVY, M.S.F., D.Sc., LL.D., President, Oregon State College
RICHARD BENJAMIN DILLEHUNT, M.D. Dean, Univ. of Ore. Medical School	JULIUS ALONZO CHURCHILL, M.A. President, Oregon Normal School
WALTER REDFORD, Ph.D. President, Southern Oregon Nor- mal School	CHARLES ABNER HOWARD, M.A., LL.D. President, Eastern Oregon Normal School

### Deans and Directors

ERIC WILLIAM ALLEN, A.B.....	Dean and Director of Journalism
HERBERT ARNOLD BORK, B.A., C.P.A.....	Comptroller
CLARENCE VALENTINE BOYER, Ph.D.....	Dean and Director of Arts and Letters
CHARLES DAVID BYRNE, M.S.....	Director of Information
JULIUS ALONZO CHURCHILL, M.A.....	Director of Elementary Teacher Training
RICHARD HAROLD DEARBORN, A.B., E.E.....	Dean and Director of Engineering and Industrial Arts
RICHARD BENJAMIN DILLEHUNT, M.D.....	Dean and Director of Medicine; Director of Health Services
JAMES HENRY GILBERT, Ph.D.....	Dean and Director of Social Science
FRANCOIS ARCHIBALD GILFILLAN, Ph.D.....	Acting Dean and Director of Science
JAMES RALPH JEWELL, Ph.D., LL.D.....	Dean of Education; Director of High School Teacher Training
JOHN JACOB LANDBURY, Mus.D.....	Dean and Director of Music
OLOF LARSELL, Ph.D.....	Dean and Director of Graduate Division
ELLIS FULLER LAWRENCE, M.S., F.A.I.A.....	Dean and Director of Architecture and Allied Arts
RALPH WALDO LEIGHTON, Ph.D.....	Dean and Director of Physical Education
LUCY MAY LEWIS, A.B., B.L.S.....	Director of Libraries
AVA BERTHA MILAM, M.A.....	Dean and Director of Home Economics
VICTOR PIERPONT MORRIS, Ph.D.....	Dean and Director of Business Administration
WAYNE LYMAN MORSE, LL.B., J.D.....	Dean and Director of Law
EARL LEROY PACKARD, Ph.D.....	Dean and Director of General Research
GEORGE WILCOX PEAVY, M.S.F., D.Sc., LL.D.....	Dean and Director of Forestry
ALFRED POWERS, A.B.....	Dean and Director of General Extension
WILLIAM ALFRED SCHOENFELD, M.B.A.....	Dean and Director of Agriculture
MAHLON ELLWOOD SMITH, Ph.D.....	Dean and Director of Lower Division
GENEVIEVE GRIFFITH TURNIPSEED, M.A.....	Director of Dormitories
ADOLPH ZIEFLE, M.S., Phar.D.....	Dean and Director of Pharmacy

Each dean and director in the foregoing list is interinstitutional in function, and the chancellor's principal adviser in his field.

PORTLAND EXTENSION CENTER

CALENDAR, 1938-39

Fall Term

September 26-October 1, Monday  
to Saturday.....Classes begin as scheduled  
October 22, Saturday.....Last day for fees (before noon)  
November 11, Friday.....Armistice Day, a holiday  
November 24, Thursday.....Thanksgiving Day, a holiday  
December 12-17, Monday to Saturday.....Term examinations

Winter Term

January 3-9, Tuesday to Monday.....Classes begin as scheduled  
January 28, Saturday.....Last day for fees (before noon)  
March 13-18, Monday to Saturday.....Term examinations

Spring Term

March 20-25, Monday to Saturday.....Classes begin as scheduled  
April 15, Saturday.....Last day for fees (before noon)  
May 30, Tuesday.....Memorial Day, a holiday  
May 31-June 6, Wednesday to Tuesday.....Term examinations

Summer Session

Time to be announced.

# Portland Extension Center

## OREGON STATE SYSTEM OF HIGHER EDUCATION

### Faculty

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Chancellor.  
WILLIAM JASPER KERR, D.Sc., LL.D., Chancellor Emeritus .  
DONALD MILTON ERB, Ph.D., President, University of Oregon.  
GEORGE WILCOX PEAVY, M.S.F., D.Sc., LL.D., President, Oregon State College.  
JULIUS ALONZO CHURCHILL, M.A., President Oregon Normal School; Director,  
Elementary Teacher Training.

ALFRED POWERS, A.B., Dean and Director of General Extension.  
OLOF LARSELL, Ph.D., Dean and Director of Graduate Division.  
EARL MANLEY PALLETT, Ph.D., Registrar of the Portland Center.  
MARGARET MORRISON SHARP, Secretary of the Portland Center.  
LOUIS BERELSON, Ph.D., Secretary.

PERCY M. COLLIER, B.A., LL.B., Assistant Professor of English.  
B.A. (1911), Oregon; LL.B. (1914), Michigan. Lecturer (1929-30), Assistant Pro-  
fessor (1930-).

ALEXANDER GOLDENWEISER, Ph.D., Professor of Thought and Culture.  
B.A. (1902), M.A. (1904), Ph.D. (1910), Columbia. Faculty, Columbia (1910-19),  
New School of Social Research, New York City (1919-26). Lecturer (1930-32), Pro-  
fessor (1932-).

BERNARD HINSHAW, B.A., Associate Professor of Art.  
B.A. (1926), Illinois Wesleyan; Diploma (1930, Art Institute of Chicago. Faculty,  
Illinois Wesleyan (1931-35). Associate Professor and Administrative Assistant  
(1935-).

PHILIP WOOD JANNEY, B.A., C.P.A., Assistant Professor of Business Admin-  
istration.  
B.A. (1920), Oregon; C.P.A. (1922), State of Oregon. Faculty, Oregon (1921-23).  
Assistant Professor (1923-).

MABLE HOLMES PARSONS, M.A., Professor of English.  
B.A. (1904), M.A. (1905), Michigan. Faculty, Oregon (1912-19). Professor (1919-).

JOHN AUSTIN SPAULDING, Ph.D., Professor of German.  
B.A. (1911), M.A. (1912), Ph.D. (1917), Harvard. Faculty, Worcester Polytechnic  
Institute (1914-17), University of New Brunswick (1919-20), Yale University (1920-  
22), Trinity College (1922-31), Massachusetts State Department of Education (1936-  
37). Lecturer (1937-38), Professor (1938-).

RUSSELL BARTHELL, B.A., M.A., Assistant Professor of Political Science, Port-  
land Center.  
WILLIAM GILBERT BEATTIE, B.A., Associate Professor of Education.

NELSON LOUIS BOSSING, Ph.D., Professor of Education, University of Oregon.  
ARTHUR G. B. BOUQUET, M.S., Professor of Vegetable Crops, Oregon State  
College.

VERNE VINCENT CALDWELL, Ph.D., Professor of Psychology, Oregon Normal School.

DAN ELBERT CLARK, Professor of History, University of Oregon.

ROBERT CARLTON CLARK, Ph.D., Professor of History and Head of Department, University of Oregon.

NEWEL HOWLAND COMISH, Ph.D., Professor of Business Administration, University of Oregon.

JOHN TILSON GANOE, Ph.D., Associate Professor of History, University of Oregon.

KENNETH LLEWELLYN GORDON, Ph.D., Assistant Professor of Zoology, Oregon State College.

DONALD ERWIN HARGIS, M.A., Instructor in Speech, University of Oregon.

EDWIN THOMAS HODGE, Ph.D., Professor of Economic Geology, Oregon State College.

CARL LEO HUFFAKER, Ph.D., Professor of Education, University of Oregon.

ALEXANDER HULL, B.A., B.M., Assistant Professor of Radio Education, Radio Station KOAC.

WENDELL HUTCHENS, M.D., Clinical Instructor in Psychiatry, Child Guidance Clinic, Medical School.

JAMES RALPH JEWELL, Ph.D., LL.D., Dean of the School of Education; Director of High School Teacher Training.

IRA ALBERT MANVILLE, M.D., Ph.D., Associate Professor of Physiology, Medical School.

ELIZABETH B. MONTGOMERY, Ph.D., Assistant Professor of Education, University of Oregon.

VICTOR P. MORRIS, Ph.D., Dean of the School of Business Administration and Professor of Economics, University of Oregon.

EDITH HELENE NORTON, M.A., Assistant Professor of Education; Supervisor of Teaching, Oregon Normal School.

EARL LEROY PACKARD, Ph.D., Professor of Geology, Head of Department, Oregon State College.

ARTHUR LEE PECK, B.S., B.A., Professor of Landscape Architecture and Head of Department, Oregon State College.

WILLIAM CURTIS REID, Instructor in Physics, Oregon State College.

LUKE LEA ROBERTS, Manager of Radio Station KOAC; Assistant Professor of Radio Speech, General Extension Division.

CARL W. SALSER, Ed.M., Professor of Education and Head of Department; Head of Personnel and Placement; Assistant Dean of the School of Education, Oregon State College.

HERMAN AUSTIN SCULLEN, Ph.D., Associate Professor of Entomology, Oregon State College.

HARRY JOHNSON SEARS, Ph.D., Professor of Bacteriology and Public Health and Head of Department, Medical School.

S. STEPHENSON SMITH, B. Litt. (Oxon.), Professor of English, University of Oregon.

ARTHUR BENJAMIN STILLMAN, M.B.A., Associate Professor of Business Administration, University of Oregon.

JAMES C. STOVALL, M.A., Instructor in Geography and Geology, University of Oregon.

ALFRED TAYLOR, Ph.D., Instructor in Zoology, Oregon State College.

GEORGE STANLEY TURNBULL, M.A., Professor of Journalism, University of Oregon.

PAUL RUDOLPH WASHKE, A.M., Professor of Physical Education, University of Oregon.

JOHN C. ALMACK, Ph.D., Professor of Education, Stanford University.

SUZANNE M. BEATTIE, M.A., Instructor in French, Portland Center.

GRACE BRIDGES, Director of Auditoriums, Portland Public Schools.

DAVID BEASLEY CAMPBELL, B.M., Instructor in Music, Portland Center.

EDNA C. CULVER, B.A., Instructor in English, Portland Center.

CARL E. DAVIDSON, LL.B., Instructor in Accounting, Portland Center.

HAROLD WADE DOTY, Instructor in Architecture, Portland Center.

RUTH ELISE HALVORSEN, B.A., Instructor in Art, Portland Center.

FRANK H. HILTON, J.D., Instructor in Business Administration, Portland Center.

MILLARD C. HOLBROOK, Instructor in Business Administration, Portland Center.

WILBUR S. HULIN, Ph.D., Instructor in Psychology, Portland Center.

ELIZABETH M. JENKS, M.A., Instructor in Public Speaking, Portland Center.

RANDOLPH T. KUHN, B.A., Instructor in Business Administration, Portland Center.

DOROTHEA M. LENSCH, B.A., M.A., Playground Supervisor, Portland Bureau of Parks.

GREBA T. LOGAN, B.S., Health Education Supervisor, Portland Public Schools.

LEWIS C. MARTIN, Ph.D., Assistant Director of Department of Research and Handicapped Children; Supervisor of Special Schools, Portland Public Schools.

CECIL MATSON, M.A., Instructor in Drama, Portland Civic Theatre and School of Drama and Allied Arts.

MARGARET C. MOREHOUSE, M.A., Instructor in Home Economics, Portland Center.

MERRITT L. OWEN, Comptroller, Charles F. Berg, Incorporated.

ARTHUR S. POTWIN, B.B.A., LL.B., Instructor in Public Speaking, Portland Center.

HENRY F. PRICE, Ph.D., Professor of Mathematics, Pacific University.

LLOYD J. REYNOLDS, M.A., Instructor in English and History of Art, Reed College.

EDWARD EARNEST RUBEY, B.A., C.P.A., Instructor in Accounting, Portland Center.

JULIA A. SPOONER, Instructor in History, Portland Center.

NICHOLAS SULLIVAN, M.S., Assistant in Bacteriology, Portland Center.

THOMAS E. TAYLOR, M.E., Instructor in Mechanical Engineering, Portland Center.

ESTHER W. WUEST, Supervisor of Art, Portland Public Schools.

BEATRICE YOUNG, Ph.D., Professor of Languages, Pacific University.

## The Portland Center

**T**HE General Extension Division of the Oregon State System of Higher Education is the agency through which the University of Oregon, Oregon State College, and the three state normal schools render services through extension classes, correspondence study, visual instruction, social welfare, municipal activities, short courses, radio, and summer sessions. General extension work in Portland is carried on through the Portland Extension Center.

For the academic year 1938-39 the Portland Center announces 176 evening, late-afternoon, and Saturday morning courses in 28 different departments and professional schools. The work of these classes is of standard college or university grade. The courses are intended for persons who, because of preoccupation with bread-winning or with home-making or for other reasons, cannot attend college.

The academic year is divided into three terms and a summer session. For 1938-39 the dates are as follows: First term, September 26 to December 17; second term, January 3 to March 18; third term, March 20 to June 3.

The office of the Portland Center is at 814 Oregon Building, Southwest Fifth and Oak Streets. The telephone number is Atwater 2165. Executive details of all Portland classes are handled from this office. The office is open daily from 9:00 a.m. to 5:00 p.m., with the exception of Saturday when it closes at noon. Classes are held in the Lincoln High School building, 1620 Southwest Park Avenue, unless otherwise stated.

### Admission

**S**INCE the purpose is to serve all who wish to take the courses and who are able to profit by them, no formal requirements for admission are set up, except for those who are working toward degrees. In any course, however, the instructor may require evidence that prerequisite work has been done. All persons working toward degrees are required to matriculate.

Students in the Portland Center are classified in four academic divisions:

(1) Students not working for credit—a considerable body of earnest men and women taking the courses for their cultural and practical value. For non-credit students the only requirement is ability to do the work.

(2) Students who have not formally filed their credentials with the registrar and are taking the work for provisional credit. This may become regular credit upon the formal admission of the student.

(3) Students formally enrolled for undergraduate credit, who have satisfied the entrance requirements and filed credentials with the registrar of one of the institutions and have received from him a card of admission.

(4) Those formally enrolled as graduate students.

**Preparation Required.** For admission to first-year or freshman standing, the student's preparation must conform to one of three plans, under each

of which a proportion of his preparation must be in certain specified fields. In listing the requirements under the three plans, the following terms are used:

**UNIT**, a subject taught five times a week, in periods of not less than forty minutes each, for a school year of not less than thirty-six weeks.

**MAJOR**, three units in one field.

**MINOR**, two units in one field.

**SPECIFIED FIELDS**: English, languages other than English, mathematics, natural science, social science.

Under Plan A, part of the entrance units must be grouped into majors and minors. Under Plan B, more freedom is allowed in distribution of units. Under Plan C, still greater freedom in distribution is allowed a student of exceptional ability as demonstrated by classification in the highest quartile of his high school graduating class and by the unreserved recommendation of his high school principal; a high rating in a college mental test may also be required.

No credit under any of the plans is granted for penmanship, spelling, physical education, or any subject commonly classified as a student activity.

Students from a four-year high school must present 15 units, including under the three plans—

Plan A. 2 majors and 3 minors: 3 of these 5 groups in Specified Fields, including 1 major in English.

Plan B. 10 units in Specified Fields: 3 of these units in English.

Plan C. 8 units in Specified Fields: 3 of these units in English; exceptional ability as explained above.

Students from a senior high school must present 12 units, including under the three plans—

Plan A. 2 majors and 2 minors: 3 of these 4 groups in Specified Fields, including either a major or minor in English.

Plan B. 8 units in Specified Fields: 2 of these units in English.

Plan C. 7 units in Specified Fields: 2 of these units in English; exceptional ability as explained above.

**Admission by Examination.** College Entrance Board Examinations are recognized as evidence of preparation by the institutions of the State System of Higher Education. Students seeking admission by examination should obtain information from the College Entrance Examination Board, 431 West 117th Street, New York City.

### Credit Students

**R**ESIDENT credit in the University of Oregon and Oregon State College may be earned in all Portland courses, unless exception is made, to the extent that these courses meet the requirements of the major schools of the University and the State College.



Under the regulations of the Oregon State System of Higher Education for a degree from the University of Oregon or Oregon State College, a minimum of 45 term hours (normally the last 45) must be taken in residence. This requirement with the approval of the Academic Requirements Committee, may be fulfilled in the Portland Extension Center and the Portland Summer Session.

Resident credit in the state normal schools may be earned in the Portland Extension Center subject to the following regulations governing graduation from the normal schools.

Graduates from any standard college or university may be graduated from any one of the Oregon normal schools after earning 48 term hours in resident work. A student who has completed four or more terms of work in a standard college or university may be graduated from any one of the normal schools after earning 48 term hours in resident work. A student who has completed one year or has 64 term hours of work in a standard college or university may transfer the whole amount toward graduation from any one of the normal schools. The standard university or college work referred to in this regulation is acceptable from the Portland Extension Center when it satisfies the specific requirements for courses.

Students desiring to work toward degrees should inform themselves concerning all the requirements for the several degrees. They are also reminded that the primary purpose of the Portland Center and the limitations of the budget do not make it possible always to offer courses which individuals may need to fulfill degree requirements.

If a student takes two or more courses which duplicate each other even in part, he will receive credit for only one of them.

**Amount of Work.** The Portland Center limits the amount of work a student may take in any term. The amount may not exceed six term-hours for those who are unable to give their full time to study. High school graduates and others who are able to give full time to study in the Portland Center and who are unable, for financial or other reasons, to enroll in regular work on one of the campuses, may take as many but not to exceed ten term-hours. It is necessary for "ten-hour students" to confer with and secure the approval of an adviser in the Portland Center before registering.

Permission of the instructor is required for admission to classes for credit after the second class meeting of any term. Admission for credit is not allowed after the third week.

## Fees and Registration

The registration fee for each term for *undergraduate* students and for those not desiring credit is \$5 for one course (one or two credits), \$9 for two courses, and \$12.00 for three courses.

The registration fee for each term for *graduate students* is \$6 for one course (one or two credits), \$11 for two courses, and \$15 for three courses.

A few courses carry special service or laboratory fees. These fees are indicated in the course descriptions.

SCHEDULE OF FEES  
Credit Hours

	1-2	3	4	5	6	7	8	9	10
Undergraduates and Auditors .....	\$5.00	\$7.00	\$9.00	\$10.50	\$12.00	\$13.50	\$15.00	\$16.50	\$18.00
*Graduates .....	6.00	8.50	11.00	13.00	15.00	17.00	19.00	21.00	23.00

\* Those working toward master's degrees in the University of Oregon or Oregon State College.

The registration fee for students who enter classes after the middle of a term and who, of course, cannot receive credit, is \$5 for one, two or three courses.

The registration fee for the first term will be due not later than *October 22*, for the second term, *January 28*; for the third term, *April 15*. A delinquency fee of \$.50 per week for each week will be charged after these dates. *Registration fees will not be accepted for any term after the eighth week of that term.* Registration is not completed until all fees are paid. Checks should be drawn to the order of the Portland Extension Center.

### SCHEDULE OF DELINQUENCY FEES

5th week.....	\$.50
6th week.....	1.00
7th week.....	1.50
8th week.....	2.00

Registration fees are not acceptable after the 8th week.

**Registration.** Students may register daily, except Saturday, from 9:00 a.m. to 5:00 p.m., and on Saturday from 9:00 a.m. to 12:00 m., at the Portland Center office, 814 Oregon Building. If it is inconvenient to come to the office, fees may be mailed, if accompanied by the following information: the student's name, address, telephone number, occupation; list of courses taken; whether or not credit is desired; if so, whether high school or advanced credits have been filed with the registrar of the University of Oregon, who is the registrar of the Portland Extension Center.

**Refunds.** Refunds of fees will be granted only to students who are obliged for sufficient reasons to withdraw entirely from the Portland Center. Only a proportionate rebate will be allowed. *No refunds for any reason may be granted after the sixth week of any term.*

### SCHEDULE OF REFUNDS

To close of 4th week.....	Full amount of fee
To close of 5th week.....	½ of fee
To close of 6th week.....	¼ of fee

No refunds are granted after the close of the 6th week.

**Diploma Fee.** A diploma fee of \$6.50 is charged for each degree taken. The rules prescribe that no person shall be recommended for a degree until he has paid all fees, including the diploma fee.

## Grading System

THE grading system used in the Oregon State System of Higher Education groups students in the following classifications:

- |                      |                 |
|----------------------|-----------------|
| A—Unusual excellence | F—Failure       |
| B—High quality       | W—Withdrawn     |
| C—Satisfactory       | Inc.—Incomplete |
| D—Passing            |                 |

## Group and Departmental Requirements

**A** STUDENT registering for credit should confer with advisers in the Portland Center office regarding the requirements of the school or department in which he has selected his major.

**Group Requirements.** To receive the Junior Certificate and be admitted to upper division standing, lower division students must satisfy all the requirements described in the general catalogs of the institutions of the State System, including the group requirements. Group requirements for the University of Oregon or Oregon State College may be worked out in the Portland Center and lower division students should consult advisers in the Portland Center office in regard to the course that will satisfy these requirements.

Upper division transfers from other accredited institutions may frequently have already satisfied the group requirements. Students should, however, always clear this point in advance with the registrar of the institution with which they are matriculated.

**Major Courses in the Portland Center.** The limited curriculum of the Portland Center permits the fulfillment of the requirements for a major in only a few of the schools and departments of the State System. It is ordinarily possible for normal school graduates with 93 term hours of credit and for students whose lower division requirements are completed to find suitable courses in the Portland Center for major work in education, English, history, and sociology.

**Majors in English.** The required courses for English majors in the Portland Center are: Shakespeare, six hours; English Survey, six hours; European Novel or Comparative Drama, six hours; one period course, six hours; English History before the 19th Century, six hours; French or German, 24 hours. The remaining courses for the 36 hours in English may be made up of additional period courses and electives in literature. The only other arts and letters department in which it is possible to complete the hours required for a major and for a bachelor of arts degree is German.

**Majors in History.** The course in history should be carefully selected at the beginning of each year in conference with the advisers in the Portland Center, who will be able to indicate the courses approved by the head of the History Department.

**Majors in Education.** In addition to the written English requirement, the group requirements, and the requirement of 36 hours in education, major students in education will be held for the satisfactory completion of two minor norms. Norm requirements are not checked in the summaries made by the registrar's office; but the Portland Center is charged by the Dean of the School of Education and by the heads of the respective departments and schools to see that the norms are cleared. Portland Center courses acceptable in satisfaction of the different norms in any given year should be determined by the students, before enrollments, in conference with the advisers in the Portland Center.

Major students in education who are now engaged in and expect to continue in elementary teaching after receiving degrees will be permitted to substitute sequences in art, biology, business administration, economics, English, English and library methods, geography, history, home economics, nature study, physical education, psychology, public speaking and drama, and sociology for the regular norms required of all secondary teachers. Following are the sequence requirements for elementary teachers, satisfied by courses available to teachers through Portland Center classes and through correspondence study.

*Art Sequence.* Thirty hours from the following courses:

PORTLAND CENTER		CORRESPONDENCE STUDY	
AA 144p, 145p, 146p. Constructive Freehand Drawing. 6 hours.	AA 490p. Advanced Painting. 6 hours.	LA 179p. Landscape Architecture. 4 hours.	CT 431p. House Furnishing. 2 hours.
AA 166p. Design Techniques. 2 hours.	AA 211p, 212p. Art Structure. 4 hours.	AA C 144, 145. Freehand Drawing. 4 hours.	AA C 150. Mechanical Drawing. 6 hours.
AA 240p, 241p. Design and Color. 4 hours.	AA 282p. Creative Composition. 6 hours.	AA C 166. Design I. 3 hours.	AA C 319. Advanced Graphic Statics. 2 hours.
AA 311p. Domestic Architecture. 2 hours.	AA 378p. Costume Figure Sketch. 2 hours.	AA C 320, 321. Stresses. 4 hours.	AA C 420, 421, 422. Elementary Structural Design. 6 hours.
AA 376p, 377p, 378p. Art Appreciation. 6 hours.	AA 392p. Head and Figure Drawing. 6 hours.		

*Biology Sequence.* Twenty-five hours from the following courses:

PORTLAND CENTER		CORRESPONDENCE STUDY	
Bac 348p, 349p. Bacteriology and Communicable Diseases. 4 hours.	Bac 350p. Public Health. 2 hours.	Bac 361p. General Microbiology Laboratory. 3 hours.	Bac 362p. Communicable Diseases Laboratory. 3 hours.
Nur 327p. Human Nutrition. 6 hours.	Z 201, 202, 203. General Zoology. 9 hours.	Z 814p. Evolution. 2 hours.	Z 315p. Genetics. 2 hours.
BIS C 101, 102, 108. Biological Science Survey. 12 hours.	Bot C 101. General Botany. 3 hours.	Bot C 150. Elementary Botany. Plant Biology. 3 hours.	Bot C 151. Systematic Botany. 3 hours.
Bot C 152. Advanced Systematic Botany. 3 hours.	Bot C 350. Shrubs and Trees. 3 hours.	Z C 150. Bird Study. 3 hours.	Z C 250. Elementary Physiology. 3 hours.

*Business Administration Sequence.* Twenty-five hours from the following courses:

PORTLAND CENTER		CORRESPONDENCE STUDY	
BA 111p, 112p-a. Constructive Accounting I. 6 hours.	BA 112p-b, 113p. Constructive Accounting II. 6 hours.	BA 401p. Research: Advanced Income Tax Procedure. 2 hours.	BA 416p, 417p, 418p. Business Law. 6 hours.
BA 423p. Office Organization and Management. 2 hours.	BA 436p. Merchandising. 2 hours.	BA 487p. Retail Credit Management. 2 hours.	BA 439p, 440p, 441p. Advertising. 6 hours.
BA 442p. Salesmanship. 4 hours.	BA 468p. Basic Course in Real Estate. 2 hours.	BA 482p. Real Estate: Appraisals. 2 hours.	BA 483, 484, 485. Accounting Theory and Practice. 6 hours.
BA 487p. Auditing. 2 hours.	BA 490, 491, 492. Advanced Accounting Theory and Practice. 6 hours.	BA 496p, 497p. Federal and State of Oregon Taxation. 4 hours.	BA 501p. Advanced Business Research.
		Ec 441p. International Economic Policies. 2 hours.	Ec 446p. Economic Problems of the Pacific. 4 hours.
		Eng 325p, 326p. Public Speaking for Business and Professional Men and Women. 4 hours.	Eng 474p, 475p, 476p. English for Executives and Professional People. 6 hours.
		BA C 111, 112, 113. Constructive Accounting. 12 hours.	BA C 416. Business Law. 4 hours.
		BA C 434. Problems in Distribution. 4 hours.	BA C 439. General Advertising. 3 hours.
		Ec C 413. Money, Banking, and Economic Crises. 5 hours.	

**Economics Sequence.** Thirty hours from the following courses:

PORTLAND CENTER	CORRESPONDENCE STUDY
Ec 201, 202, 203. Principles of Economics. 6 hours.	Ec C 150. Economic History. 6 hours.
Ec 406. Reading and Conference.	Ec C 201, 202, 203. Principles of Economics. 9 hours.
Ec 441p. International Economic Policies. 2 hours.	Ec C 211. Outline of Economics. 3 hours.
Ec 446p. Economic Problems of the Pacific. 4 hours.	Ec C 334. Economics of Business Organization and Finance. 4 hours.
Ec 503. Thesis.	Ec C 413. Money, Banking, and Economic Crises. 5 hours.
Ec 506. Reading and Conference.	Ec C 475. Economic Problems; Economics of the Recovery Program. 2 hours.

**English Sequence.** The same as the English norm in the Portland Center. The following courses are required:

Eng 101, 102, 103. Survey of English Literature. 6 hours.	Eng 201, 202, 208. Shakespeare. 6 hours.
Eng 161a-b. Survey of American Literature. 6 hours. (Not given 1938-39.)	Period courses. 6 hours.
Eng 350p. Teaching of English in Secondary Schools. 2 hours. (Not given 1938-39.)	Additional courses to the total of 36 hours may be selected from the upper-division offering under English.

**General Science Sequence.** A minimum of 24 term hours in the natural sciences, including at least 9 term hours in physical science and 9 term hours in biological science.

**Geography Sequence.** Thirty hours from the following courses:

PORTLAND CENTER	CORRESPONDENCE STUDY
Geo 314p. Regional Geography. 2 hours.	Geo C 250, 251, 252. General Geography. 9 hours.
Geo 315p. Climatology. 2 hours.	G C 250. Geology I. 8 hours.
G 201p, 202p. General Geology. 6 hours.	G C 251. Historical Geology. 1½ hours.
G 340p. Elements of Paleontology. 2 hours.	
Hst 373p. History of Oregon: Historic Places. 2 hours.	
Anth 345, 346, 347. The American Indian. 6 hours.	

**History Sequence.** The history sequence is the same as the history norm. The following courses are required:

PORTLAND CENTER	CORRESPONDENCE STUDY
Hst 341, 342, 343. Modern Europe; or Hst 204, 205, 206. World History. 9 hours. (Not given 1938-39).	Electives in political science, economics, sociology, or geography. 8 hours.
Hst 371, 372, 373. History of the United States. 9 hours.	
A minimum of five hours each from at least two of the following: Political Science (PS 201, 202p); Principles of Economics (Ec 201, 202, 203); Elements of Sociology (Soc 201p, 202p); Introductory Geography (Geo 106, 106, 107). 10 hours.	

**Home Economics Sequence.** The requirements for teachers of home economics are indicated in the general catalog of the Oregon State College. The following courses are acceptable toward the work required:

PORTLAND CENTER	CORRESPONDENCE STUDY
Bac 348p, 349p. Bacteriology and Communicable Diseases. 4 hours.	CT 431p. House Furnishing. 2 hours.
Bac 350p. Public Health. 2 hours.	
Bac 351p. General Microbiology Laboratory. 3 hours.	
LA 179p. Landscape Architecture. 4 hours.	
Nur 327p. Human Nutrition. 6 hours.	
CT 250p. Textiles. 2 hours.	
CT 311p. Costume Design. 2 hours.	

**Music Sequence.** Thirty hours from the following courses:

PORTLAND CENTER	CORRESPONDENCE STUDY
Mus 127p, 128p, 129p. Fundamentals of Musician'ship. 6 hours.	Mus 309p. Beethoven. 2 hours.
Mus 303p. Bach. 2 hours.	Mus 310p. Wagner. 2 hours.
	Eng 411p, 142p, 143p. Voice and Diction. 6 hours.

**Nature Study Sequence.** Thirty hours from the following courses:

PORTLAND CENTER	CORRESPONDENCE STUDY
Ent 285p. The Habits and Management of Honey Bees. 2 hours.	BIS C 101, 102, 103. Biological Science Survey. 12 hours.
G 201p, 202p. General Geology. 6 hours.	Bot C 151. Systematic Botany. 3 hours.
Geo 315p. Climatology. 2 hours.	Bot C 350. Shrubs and Trees. 3 hours.
LA 179p. Landscape Architecture. 4 hours.	G C 251. Historical Geology. 1½ hours.
Z 201, 202, 203. General Zoology. 9 hours.	Ph C 101. Astronomy. 6 hours.
G 340p. Elements of Paleontology. 2 hours.	Z C 150. Bird Study. 3 hours.
Hrt 111p. Elements of Horticulture: Home Gardening. 2 hours.	

**Physical Education Sequence.** Twenty-five hours from the following courses.

PORTLAND CENTER	CORRESPONDENCE STUDY
Bac 348p, 349p. Bacteriology and Communicable Diseases. 4 hours.	PE 380p, 381p, 382p. Rhythm for Elementary Grades. 6 hours.
Bac 350p. Public Health. 2 hours.	PE 481p. Technique of the Dance. 4 hours.
Bac 351p. General Microbiology Laboratory. 3 hours.	
Bac 352p. Communicable Diseases Laboratory. 3 hours.	
Nur 327p. Human Nutrition. 6 hours.	
PE 341p, 342p, 343p. Physical Education Theory. 6 hours.	
PE 352p. Fencing. 3 hours.	
PE 361, 362. School Health Education. 6 hours.	

**Psychology Sequence.** Thirty hours from the following courses:

PORTLAND CENTER	CORRESPONDENCE STUDY
Psy 201, 202, 203. General Psychology. 6 hours.	Psy C 101, 102. Elementary General Psychology. 6 hours.
Ps 205p. Child Psychiatry. 4 hours.	Psy C 103. Applied Psychology. 3 hours.
Psy 421p, 422p, 423p. Contemporary Psychology. 6 hours.	Psy C 201, 202, 203. Beginner's Psychology. 3 hours.
Ed 461p. Psychology of Childhood. 2 hours.	Psy C 411. Genetic Psychology. 3 hours.
Psy 501. Research.	Psy C 418. Abnormal and Borderline Psychology. 4 hours.
Psy 507. Seminar in Psychology.	

**Public Speaking and Drama Sequence.** Thirty hours from the following courses:

PORTLAND CENTER	CORRESPONDENCE STUDY
Eng 130p, 131p. Extempore Speaking. 6 hours.	Eng 325p, 326p. Public Speaking for Business and Professional Men and Women. 4 hours.
Eng 133p, 134p, 135p. Fundamentals of Public Speaking. 6 hours.	Eng 333p. Conduct of Group Discussion. 2 hours.
Eng 141p, 142p, 143p. Voice and Diction. 6 hours.	Eng 341p, 342p, 343p. Technique of Acting. 12 hours.
Eng 144p. Choral Reading. 2 hours.	Eng 347p, 348p, 349p. Blue Room Players. 6 hours.
Sp 234p, 235p. Radio Speech and Script Writing. 4 hours.	Eng 486, 487, 488. Speech Pathology. 4 hours.
Eng 241p, 242p, 243p. Interpretation: Acting I. 9 hours.	Eng 489, 490, 491. Speech Clinical Practice. 2 hours.
Eng 244p, 245p, 246p. Theatre Workshop. 6 hours.	PE 352p. Fencing. 3 hours.
Sp 247p, 248p, 249p. Children's Theatre. 6 hours.	

*Remedial Education Sequence.* Thirty hours from the following courses:

Ed 441p. The Problem Child: Delinquency. 2 hours.	Ed 468p. Hygiene of Learning. 2 hours.
Ed 461p. Psychology of Childhood. 2 hours.	Ed 561. Advanced Educational Psychology. 2 hours.
Ed 468p. Teaching of Physically Handicapped Children. 2 hours.	Eng 486, 487, 488. Speech Pathology. 4 hours.
Ed 464p. Remedial Reading. 4 hours.	Eng 489, 490, 491. Speech Clinical Practice. 2 hours.
Ed 466. Diagnostic and Remedial Techniques. 2 hours.	

*Sociology Sequence.* Thirty hours from the following courses:

PORTLAND CENTER	CORRESPONDENCE STUDY
Soc 201, 202p. Elements of Sociology. 6 hours.	Soc C 201, 202, 203. Introduction to Sociology. 9 hours.
Soc 454p, 455p, 456p. History of Social Control. 6 hours.	Soc C 204. General Sociology. 3 hours.
Soc 501. Social Research.	Soc C 213, 214. Introduction to Modern Social Problems. 6 hours.
Soc 505. Reading and Conference.	Soc C 315. Criminology. 3 hours.
PS 415p. Municipal Government. 2 hours.	Soc C 338. Matrimonial Institutions. 3 hours.
PS 425p. City Management. 2 hours.	Soc C 420. Community Problems. 2 hours.

## Graduate Work

If adequate offerings are available in the fields in which he wishes to work, a student may complete all the requirements for the M.A. (General Studies) at the Portland Center. In a number of fields, one-third of the work for the M.A. (Departmental) or the M.S. degree may be earned in Portland. Graduate work beyond the master's degree is not offered at the Portland Center.

Courses numbered 500-599 are for graduate credit. Some of the courses numbered in the 400's may be taken for graduate credit, provided the student registers as a graduate student, and is entitled so to register, and provided he does the additional work beyond the ordinary undergraduate requirements which is required of graduate students. Courses in the 400's which may be taken for graduate credit are marked with a (G).

**Grade Requirement.** For graduate students an average grade of B is required on all of the work carried for graduate credit. No work with a grade of D can be counted toward a graduate degree.

**Residence Requirement.** For a master's degree one year of full time residence is required, either on the campus of the institution from which the degree is to be taken, or in equivalent hours in summer or post sessions, or at the Portland Extension Center.

**Transferred Credit.** Graduate credit to a maximum of 15 term hours may be transferred from another standard institution with the approval of the major department and the graduate council; but such transferred credit may not shorten required residence.

**Time Limit for Master's Degrees.** All work for a master's degree, including the final examination, must be completed within a period of five years. This rule applies also to graduate work done at another institution from which credit is transferred.

**Course Requirements.** Of the 45 term hours which is the minimum requirement for the master's degree, 30 hours must be in major courses and approximately 15 in minor or service courses. Of the 30 hours of the major,

9 are reserved for the thesis. Approximately 9 term hours in addition to the thesis must be in 500 courses.

The program for the master's degree must contain courses from at least 3 members of the graduate faculty, amounting to not less than 6 term hours from each.

**Preliminary Examination.** As soon as the student has completed approximately 15 term hours of work, and before 30 hours have been completed, he must arrange with his major adviser to take a preliminary examination. He is not accepted as a candidate for the degree until the preliminary has been taken and passed. Fifteen term hours of work must be registered for and completed after the preliminary examination has been passed. Preliminary examinations are given on the campus of the institution from which the degree is to be taken.

**Thesis and Final Examination.** Information concerning the form for typing the thesis may be obtained from the graduate office on the campus where the degree is to be taken. Theses must be filed with the graduate office concerned two weeks before the final examination is taken. The examination will be given on the campus of the institution from which the degree is desired.

**Registration.** Graduate students register in the regular manner at 814 Oregon Building. In addition they must fill out a graduate study card, obtain the signature of each instructor and of the adviser, and file this card in the Portland Center office by the end of the second week of class. No graduate credit can be obtained if this card is not filed. The Dean of the Graduate Division may be consulted during the first week of each term, and at other times as necessary. Appointments may be made by calling the Portland Center office, Atwater 2165. The schedule of fees for graduate students is given on page 12.

### MASTER OF ARTS—GENERAL STUDIES

When offerings are available, all the work for this degree may be taken in the Portland Center. The Master of Arts General Studies degree is granted (a) for research in interdepartmental fields, and (b) for achievement in cultural scholarship.

The degree is general only in terms of the approach through the resources of several departments, but may be intensive in terms of the subject, period, or problem studied. This degree is a recognition that the graduate interests of the student are sometimes better served by a coordinated approach from several disciplines than by the range of varied graduate courses found in a single department, and that the aims of cultural scholarship may sometimes be better achieved by an integration that disregards departmental requirements. Instead of meeting departmental requirements the General Studies degree usually contemplates a certain complex of courses covering two or more departments. These course complexes are almost limitless in their possible number, and a considerable range may be worked out in the Portland Center. Two suggested course complexes are indicated.

#### Sample No. 1: Field: Reading Habits and Skills at the High School Level.

Eng 405. Reading and Conference in the Victorian Period. 3 hours.
Eng 430. Chaucer. 3 hours.
Eng 431, 432, 433. Eighteenth-Century Literature. 9 hours.
Ed 464, 465, 466. Reading Process; Diagnostic and Remedial Techniques. 6 hours.
Ed 475p. Trends in Modern Education. 2 hours.
Eng 481, 482, 488. Nineteenth-Century Prose. 6 hours.
Psy 412. Adolescent Psychology. 3 hours.
Ed 461. Psychology of Childhood. 2 hours.
Ed 462, 463. Psychology of Exceptional Children. 4 hours.

**Thesis: The Effectiveness of Appreciation Approaches to Literature in Terms of Altered Reading Skills.**

**Sample No. 2: Field: Social Problems in English and American Literature.**

Ed 469s. Advanced Mental Hygiene. 3 hours.

Eng 405. Reading and Conference in Labor Problems in Contemporary Literature. 3 hours.

Eng 436. English Drama. 3 hours.

Ec 475a. Current Economic Problems. 3 hours.

HAd 422a. Family Relationships. 3 hours.

Eng 407. Social Problems in English Literature. 3 hours.

AL 462. The Psychological Novel. 3 hours.

Eng 507. Seminar in Special Authors. 3 hours.

PS 421. Public Opinion. 3 hours.

Psy 412. Adolescence, Maturity, and Senescence. 3 hours.

Eng 481. Nineteenth-Century Prose. 3 hours.

Eng 584. Seminar in American Literature. 3 hours.

**Thesis: Treatment of Adolescent Problems in Twentieth-Century American Literature.**

The purpose of the degree is to adapt the program of studies to each individual student insofar as this is possible. Given the particular interest of the student, the problem is then for the adviser and student to develop that course complex which provides the best integration. This interest may be in terms of a problem in which the student is interested, a field of knowledge which he wishes to explore from many sides, or a period of culture. While no general language requirement exists for the General Studies degree, the adviser or committee may require a language to fulfill certain course complexes. The thesis or essay is not imperative. It may be waived by the committee upon the recommendation of the adviser. Requirements as to credits, grades, time limit, hours, preliminary and final examinations, and fees are the same as for the departmental degree. The preliminary examination should be taken before or upon completion of approximately one-third of the work for the degree.

The degree will not be given for a hodge-podge of unrelated and non-integrated graduate courses. Each case must be supervised by a member of the General Studies Committee or by a faculty member appointed by the adviser. A student seeking this degree should make application through the Portland Center office to the General Studies Committee either before or as soon as he enters upon graduate work. The advisers in the Portland Center will be Dr. Olof Larsell, dean of the Graduate Division, who will be in the Portland Center office during the first week of each term; Dr. Howard R. Taylor, assistant dean of the Graduate Division, and Dr. Louis Berelson, resident adviser, whose office is in the Portland Center. Application forms and detailed instructions will be furnished in the general offices of the Portland Center.

## Description of Courses

IN THE following description of courses the general character of each course is indicated by its number. Lower division courses (freshman and sophomore) are numbered below 300. Upper division courses (junior and senior) are numbered from 300 to 499. Graduate courses are numbered 500 and above. A large (G) following the name of a 400 course indicates that the course may be taken for graduate credit, with the consent of the instructor.

A small "p" following a course number indicates that the course, while for the most part similar to the course of that number listed in the official catalogs, is modified in some significant respect as offered at the Portland Extension Center.

Courses offered at the Portland Center which have no parallel in the courses

listed in the official catalogs of the University and the State College are given numbers not assigned to any course in these official catalogs. The number is followed by a "p."

The Portland Extension Center reserves the right to discontinue any announced course because of inadequate enrollment or for any other sufficient reason.

Textbooks are not listed in this catalog but are announced by the instructors at the first meetings of classes. Books may be obtained from Portland book stores.

## ANTHROPOLOGY

PROFESSOR GOLDENWEISER

### UPPER DIVISION COURSES

**Anth 345, 346, 347. The American Indian.** Three terms, 2 hours each term.

This course deals descriptively with the culture of the American aborigines, their economic pursuits, industries, society, religion, and art. The problem of the origin of the Indian race will be discussed as well as the principal incidents in the contact of Indian and White, the borrowing of elements of white culture by the Indian, and the influence of certain traits of Indian culture on the White. *Fall term:* The North American Indians. *Winter term:* The South American Indians. *Spring term:* The Incas of Peru and the Mayas of Yucatan.

TUESDAY, 7:15, room 112.

## ART

ASSOCIATE PROFESSOR HINSHAW, MISS WUEST, MISS HALVORSEN, MR. DOTY

### LOWER DIVISION COURSES

**AA 144p, 145p, 146p. Constructive Freehand Drawing.** Three terms, 2 hours each term.

Drawing approached from a constructive point of view. Intended for beginners and others who wish to discover and make use of some of the fundamental principles involved in graphic representation. Emphasis is upon a clear understanding and visualization of simple forms which are then reconstructed on paper. The course is completely outlined, each assignment being in mimeographed form with considerable explanatory and illustrative material. *Laboratory fee, \$1 each term.*

*Fall term:* Lineal construction and principles of light and dark; organizations of abstract form, architectural forms and the human figure in blocks and cylinders.

*Winter term:* Plastic organizations of line and tone; the picture as a design; compositions using architectural forms, landscape forms, and the human figure.

*Spring term:* Elements of landscape sketching, head and figure drawing from the model. Associate Professor Hinshaw.

Section 1, MONDAY, 4:00, 6th floor, Kraemer building.

Section 2, WEDNESDAY, 7:15, 6th floor, Kraemer building.

**AA 166p. Design Techniques.** Fall term, 2 hours.

The development of pattern by direct and reproductive methods for

the handicrafts. Principles governing the creating of pattern. Individualism as expressed in design. Demonstration of block print, stencil, and three dimensional design. Paper techniques and dry brush design. Practical problems for decoration in the home, greeting cards, and other needs. Miss Halvorsen.

MONDAY, 7:15, room 301.

AA 211p, 212p. **Art Structure.** Fall and winter terms, 2 hours each term.

The elements and mechanics of art as a language are experimentally investigated. Lines, tones, spaces, and colors are freely and creatively organized toward representation (drawing) and are also seen in their role as elements of a formal pattern (composition). Through active participation students are aided in making art enjoyment a more vital experience while at the same time acquiring a foundation and a point of view for further creative work if they desire to do it. Lectures and suggested readings in addition to classroom activity. Open to anyone interested in art from a creative or appreciative point of view. Associate Professor Hinshaw.

FRIDAY, 7:15, room 301.

AA 240p, 241p. **Design and Color.** Winter and Spring terms, 2 hours each term.

*Winter term:* A practical course dealing with the various forms of design and color used in art expression. Creative design in educational work. Basic principles and the technique of materials. Problems adapted to need of students. *Spring term:* Design and color as used in our environment. How to create decoration and its relation to material. Modern interpretation and its value. Problems to include the fundamentals as used in decoration and construction. Miss Halvorsen.

MONDAY, 7:15, room 301.

AA 292p. **Creative Composition.** Three terms, 2 hours each term.

An active study of the principles of composition as they are discovered through creative effort. The course intends to be helpful to students of commercial art and design as well as to the general art student or teacher. It presupposes some previous experience in drawing. Associate Professor Hinshaw.

THURSDAY, 4:00 to 6:00 (or by appointment), 6th floor, Kraemer building.

#### UPPER DIVISION COURSES

AA 311p. **Domestic Architecture.** Fall term, 2 hours.

A study of the principles and requirements of small house construction and remodeling. The following factors incident to domestic architecture will be considered: selection of lot; placement of house on lot; the work of the architect; the relation between architect and contractor; planning for best utilization of space and for convenience; types of construction; types of materials; inside finishes; heating; exposure. Practice will be offered in reading and interpretation of blueprints. At least one project of remodeling will be undertaken on paper by the class. The work of the FHA will be discussed, and some attention will be given to the consideration of physical values on small house construction. Mr. Doty.

THURSDAY, 7:15, room 205.

AA 373p. **Costume Figure Sketch.** Spring term, 2 hours.

A course in which the students work from the model posed in a variety of costume types. Some preliminary study is made of the essential action and proportion of the figure. Intended for teachers who wish to improve their ability to express the human figure, for those interested in fashion illustration and design as well as for the general art student. The use of a variety of materials is encouraged. *Laboratory fee \$2.* Associate Professor Hinshaw.

TUESDAY, 7:15, 6th floor, Kraemer building.

AA 376p. **Art Appreciation: Educational Value of Pictures.** Fall term, 2 hours.

Educational values in the study of pictures. A survey of the field which pictures hold today in the fine arts, illustration and commercial work. Subject matter in pictures and analysis of art elements. Standard works of art in relation to the various periods and countries. Enjoyment of aesthetic qualities. This course is planned for teachers, leaders of study groups and to the layman interested in visual expression. Miss Wuest.

TUESDAY, 7:15, room 301.

AA 377p. **Art Appreciation: Impressionism.** Winter term, 2 hours.

Forerunners of impressionism, outstanding leaders of impressionism and their works. Succeeding movements and influences on contemporary work. Miss Wuest.

TUESDAY, 7:15, room 301.

AA 378p. **Art Appreciation: The Modern Movement.** Spring term, 2 hours.

The modern movement as expressed in architecture, mural decoration, and interior design. Understanding the art of today. The influence of modernism in art expression. Beginnings of the modern movement and influences which contributed to changing periods. The creative element in modern art. Leaders in the various movements and their motives. Miss Wuest.

TUESDAY, 7:15, room 301.

AA 390p. **Painting.** Three terms, 2 hours each term.

The purpose is to establish a creative attitude toward the problem of building forms with color. Both plastic and visual approaches; design and elementary problems of craftsmanship; use of oil or water color. Intended for a wide range of personal interests and various stages of development. Instruction is mainly by individual criticism enabling each student to begin and proceed according to his own ability. Some previous experience in drawing is necessary. Associate Professor Hinshaw.

MONDAY and THURSDAY, 2:00 to 4:00, 6th floor, Kraemer building.

AA 392p. **Head and Figure Drawing.** Three terms, 2 hours each term.

This class meets twice a week and works directly from the model for two hours each meeting. On one evening the head is given special consideration and on the other the figure is studied. Intended for those just beginning to draw from life and for others who have had considerable experience and wish to continue drawing; for teachers, commercial artists, and fashion artists. *Laboratory fee \$3 each term.* Associate Professor Hinshaw.

MONDAY and THURSDAY, 7:15, 6th floor, Kraemer building.

AA 490p. **Advanced Painting.** Three terms, 2 hours each term.

A continuation of AA 390p. Painting, intended for those who have had previous painting experience. Larger and more difficult problems of organization are undertaken and further consideration is given to craftsmanship and media. Associate Professor Hinshaw.

MONDAY and THURSDAY, 2:00 to 4:00, 6th floor, Kraemer building.

### BACTERIOLOGY

PROFESSOR SEARS, MR. SULLIVAN

#### UPPER DIVISION COURSES

Bac 348p, 349p. **Bacteriology and Communicable Diseases.** Fall and winter terms, 2 hours each term.

The general characteristics of bacteria and their relation to disease; public health control of the chief communicable diseases. Professor Sears.  
MONDAY, 7:15, room 317.

Bac 350p. **Public Health.** Spring term, 2 hours.

A study of some of the more general problems of public health, such as water and food sanitation, vital statistics, industrial hygiene, maternal and infant hygiene. Professor Sears.

MONDAY, 7:15, room 317.

Bac 351p. **General Microbiology Laboratory.** Three terms, 1 hour each term.

An introductory laboratory study of the morphological and the cultural characteristics of bacteria, yeasts, molds, and protozoa with special emphasis on the microorganisms causing human disease. Bac 348p, 349p, 350p must be taken in conjunction with this course. *Laboratory fee, \$3 each term.* Mr. Sullivan.

THURSDAY, 7:15, bacteriology laboratory, third floor, Medical School.

Bac 352p. **Communicable Diseases Laboratory.** Three terms, 1 hour each term.

A laboratory study of disease microorganisms with special reference to the procedures used in the isolation and identification of species. Prerequisite: Bac 351p, or its equivalent. *Laboratory fee, \$3 each term.* Mr. Sullivan.

FRIDAY, 7:15, bacteriology laboratory, third floor, Medical School.

### BUSINESS ADMINISTRATION

PROFESSOR COMISH, ASSOCIATE PROFESSOR STILLMAN, ASSISTANT PROFESSOR JANNEY,  
ASSISTANT PROFESSOR COLLIER, DR. PRICE, MR. HILTON, MR. KUHN,  
MR. OWEN, MR. HOLBROOK, MR. DAVIDSON, MR. RUBEY

#### ACCOUNTING

NOTE: Oregon State Society of Certified Public Accountants' Prize. This award, consisting of accounting books to the value of \$25.00, is made to the most outstanding student in accounting.

#### LOWER DIVISION COURSES

BA 111p, 112p-a. **Constructive Accounting I.** Three terms, 2 hours each term.

An introductory course to the field of accounting. No prior experience or training in bookkeeping or accounting is expected of students who

enroll. This course is given to acquaint the student with the functions of accounts, the relations of accounts to each other, and the purpose of accounting records in modern business procedure. Much time and attention is devoted to problems illustrating the theory of double entry both as to single transactions and as to the operation of a complete set of accounts. A limited amount of practice set work is required. This course, or its equivalent, is required for admission to all other accounting courses.

Section 1, Assistant Professor Janney. MONDAY, 7:15, room 106.

Section 2, Associate Professor Stillman. THURSDAY, 7:15, room 203.

Section 3. (fall term only), Mr. Rubey. WEDNESDAY, 7:15, room 105.

BA 112p-b, 113p. **Constructive Accounting II.** Three terms, 2 hours each term.

A continuation of BA 111p, 112p-a. Details of accounting in the various forms of business organization, amplification of business records and accounts, leading to a knowledge of all that is required in the preparation of comprehensive operating and financial statements. Problems and practice set work, giving a student a thorough training in the technique of opening and closing a set of books, are required. Students with some practical or theoretical training in accounting, but who are not prepared for advanced accounting, may enroll in this course.

Section 1, Assistant Professor Janney. THURSDAY, 7:15, room 106.

Section 2, Associate Professor Stillman. WEDNESDAY, 7:15, room 203.

#### UPPER DIVISION COURSES

BA 401p. **Research: Advanced Income Tax Procedure.** Fall term, 2 hours.

A course especially designed to meet the requirements of public accountants, attorneys, and business executives. Among the subjects to be covered will be general review of tax laws with a detailed discussion of the changes in the 1938 act, including the new surtax on undistributed corporation profits; the change in the gift tax; practice before the treasury department and the board of tax appeals; procedure to be followed and pitfalls to be avoided in the proper handling of cases before these bodies; and a detailed study of actual cases covering decisions of general interest. Lectures will be supplemented by classroom discussion, questions, and representative case studies. *Fee, \$10.* Mr. Davidson.

THURSDAY, 7:15, room 204.

BA 483, 484, 485. **Accounting Theory and Practice.** Three terms, 2 hours each term.

Presupposes a thorough knowledge of accounting from the constructive standpoint. An exposition of advanced accounting principles, functions and preparation of special statements, and ratio analysis of financial statements. Considerable attention is given to the problems and legal aspects of accounting in the partnership and corporate forms of business organization. Prerequisite: BA 111p, 112p, 113p. Assistant Professor Janney.

WEDNESDAY, 7:15, room 106.

BA 487p. **Auditing.** Fall term, 2 hours.

Theory and practice of auditing; discussion supplemented by problems, questions, and specimen working papers applicable to balance-sheet audits. The auditing procedure is involved in connection with assets and liabilities, including intangible assets and contingent liabilities, accounts showing net

worth, closing of an audit, and preparation of audit reports. Prerequisite: BA 490, 491, 492, or equivalent. Assistant Professor Janney.  
FRIDAY, 7:15, room 106.

BA 490, 491, 492. **Advanced Accounting Theory and Practice.** Three terms, 2 hours each term.

The principal aim is to give a thorough professional training in practical accounting theory and practice in preparation for the Certified Public Accountant examination and for position of auditor, comptroller, or executive. The different classes of audits—balance sheet audits, detailed audits, continuous audits, cash audits, and special investigations—are treated in detail. Prerequisite: BA 483, 484, 485, or equivalent in professional training. Assistant Professor Janney.  
TUESDAY, 7:15, room 106.

BA 496p, 497p. **Federal and State of Oregon Taxation.** Winter and spring terms, 2 hours each term.

Income tax laws of the United States. Problems involving personal partnership and corporation returns. Forms, laws, regulations, treasury decisions involving modern points of law; decisions and rulings which affect business. Exposition of State of Oregon income tax, intangibles tax, and corporation excise tax laws. Study of laws, forms and rulings, and problems in preparation of various forms. Special features of the State of Oregon excise, income, and intangible tax laws will be explained by Carl Davidson of the firm of Phipps & Davidson, tax attorneys. Assistant Professor Janney.

FRIDAY, 7:15, room 106.

## GENERAL BUSINESS

### UPPER DIVISION COURSES

Eng 325p, 326p. **Public Speaking for Business and Professional Men and Women.** Fall and winter terms, 2 hours each term.

A practical course with emphasis on actual speaking. Poise on the floor; improvement of diction and voice; organization of speech material and presentation in direct conversational style. Persuasion in speaking. Sales talks. Adjustment to groups and audiences. Study of motives that impel men to action, and ways of reaching those motives. Methods of securing favorable attention. No text will be required for this course, but a small fee will be charged for mimeographed material.

Section 1, Assistant Professor Collier. THURSDAY, 7:15, room 104.

Section 2, Mr. Potwin, THURSDAY, 7:15, room 105.

BA 416p. **Business Law: Common Law Principles. Courts and Contracts.** Fall term, 2 hours.

A general view of law and its relation to business; fundamental legal principles, legal and non-legal rights and duties, common law and statutory laws; the Oregon courts and court procedure generally, attachments and garnishments, F.E.D., supplementary proceedings, legal means of collecting judgments, bankruptcy, exemptions, the Statute of Frauds and the Statute of Limitations. The law of contracts with a consideration of the principles of contracts through the study of illustrative cases. Mr. Hilton.

THURSDAY, 7:15, room 103.

BA 417p. **Business Law: Sales and Bailments.** Winter term, 2 hours.

The legal principles involved in the sale of goods and merchandise, the sales contract and the obligations of seller and buyer, the Statute of Frauds in connection with sales, the Uniform Sales Act. A study of bailments and the bailment contract; also the special liability of hotels, public carriers, and warehousemen. Mr. Hilton.

THURSDAY, 7:15, room 103.

BA 418p. **Business Law: Agency, Corporations, Partnership.** Spring term, 2 hours.

Various methods of carrying on business. Agency, the corporation, partnerships: their advantages and disadvantages, the duties and liabilities of corporate officers and partners. Agency: when the principal is liable for the agent's acts and the duties of both principal and agent. Illustrative cases and problems. Mr. Hilton.

THURSDAY, 7:15, room 103.

BA 423p. **Office Organization and Management.** Spring term, 2 hours.

The principles of organization and management as applied to the office. The elements of office organization, office management, office records and systems. A special study of the office manager as an executive and his qualifications. Mr. Owen.

FRIDAY, 7:15, room 108.

BA 436p. **Merchandising.** (G) Fall and winter terms, 2 hours each term.

This course deals with retail organizations, practices, policies, and problems. It emphasizes stock control systems, buying, methods of sales promotion such as retail display and advertising, plant operation, personnel, methods of wage payment, credit, finance, receiving and marking, mark-up, mark-downs, turnovers, pricing, style changes, trends in retailing, expense classification and distribution. Professor Comish.

TUESDAY, 7:15, room 113.

BA 437p. **Retail Credit Management.** Fall and winter terms, 2 hours each term.

Granting of credit, taking the application by actual case method, meeting and greeting the customers, judging the applications, extending credit, controlling the credit, the law in credit granting, and following through to the actual collecting of the unpaid account. This study, by lectures, will be given by men with many years of actual experience in this field. Students attending the course and entering the retail credit field will be able to use the methods presented. Mr. Owen.

FRIDAY, 7:15, room 108.

BA 439p, 440p, 441p. **Advertising.** Three terms, 2 hours each term.

A practical course emphasizing the technique of copy writing, layout planning, and the application of advertising to sales and merchandising problems. Analysis of media with case histories illustrating how established markets have been covered with minimum of duplication. Circulation comparisons of newspapers, radio, billboards, street car cards. Elements of layout: conventional, editorial, and modernistic. Adaptation of "new" photography to layout. Six illustration techniques discussed. Analysis of customer investigations for determining advertising appeals. Technique



of combining appeals with standard buying motives for stimulation of action. Publicity copy and direct mail copy. Advertising "ideas," how to evaluate them, and how to produce them. Analysis and discussion of local and national campaigns. Two complete advertising campaigns to be produced by class. Mr. Kuhn.

WEDNESDAY, 7:15, room 205.

**BA 442p. Salesmanship.** Spring term, 2 hours.

Salesmanship presented on the basis of established laws of psychology and economics. The traditional elements of selling technique, such as approach, interview, presentation, demonstration and close with a series of practical talks by successful business men in the field of selling. Primarily a laboratory course for the discussion and solution of sales problems and for the application of the principles of salesmanship in everyday selling. Analysis of various theories of selling. The fundamental differences between the buying behavior of the consumer and the selling behavior of the salesman. Professor Comish.

TUESDAY, 7:15, room 113.

**BA 468p. Basic Course in Real Estate.** Fall term, 2 hours.

Survey of the fundamental principles and practices of the real estate profession. Lectures presented by experienced realtors will include the following topics: duties, ethics, selling, leasing, financing factors, rentals, taxation factors, legal factors, industrial property. Intended for those now entering the profession, and for those who plan to enter the profession, the course is also valuable to owners of property who wish information on the factors affecting their holdings. Dr. Berelson, Chairman.

WEDNESDAY, 7:15, room 110.

**Eng 474p, 475p, 476p. English in Business and the Professions.** Three terms, 2 hours each term.

Intended as a stimulant and enlivener of the language of adults; not a remedial course. Letters from the standpoint of the dictator and of their psychological effect. Improvement of vocabularies which have fallen into a routine. The sharpening up of powers of expression. Oral English in the art of conversation and in the giving of reports. Assistant Professor Collier.

WEDNESDAY, 7:15, room 103.

**BA 482p. Real Estate: Appraisals.** Fall term, 2 hours.

A practical course focusing upon local conditions presented in a series of related topics by men of experience in the special fields. The several appraisal procedures and approaches will be discussed, and special problems of appraisal will receive notice. The method of preparing and presenting an appraisal report will be given attention. The course is intended for those with experience in the real estate profession. Mr. Holbrook.

MONDAY, 7:15, room 104.

GRADUATE COURSE

**BA 501p. Advanced Business Research.** Three terms, 2 or 3 hours each term. Time to be arranged.

Professor Comish.

DRAMA

MISS BRIDGES, MR. REYNOLDS, MR. ROBERTS, MR. MATSON

NOTE: Drama courses in the Portland Center are given in cooperation with the Portland Civic Theatre School. Students have the opportunity to participate in the Civic Theatre, the Blue Room Theatre, which is maintained by the School, and in the Laboratory Theatre, which is maintained for the use of the students enrolled in Technique of Acting. It is the aim to make these theatres stepping stones, one to the next, so that by the time a person is working in the Civic Theatre, he will have had the benefit of the training in classes and in the Laboratory and Blue Room Theatres. All courses carry regular credit, as indicated, in the institutions of the State System of Higher Education.

LOWER DIVISION COURSES

**\*\*Eng 141p, 142p, 143p. Voice and Diction.** Three terms, 2 hours each term.

The principles and practice of voice development, correct breathing, tone quality, resonance, flexibility and support. A study and practice of phonetic principles and the development of ease and clarity in enunciation. Mr. Matson.

Section 1, WEDNESDAY, 7:15, room 202.

Section 2, (fall and winter terms only), MONDAY, 7:15, room 202.

**Sp 234p, 235p. Radio Speech and Script Writing.** Fall and winter terms, 2 hours each term.

Voice and diction as they pertain to speaking over the radio; preparation of the radio speech and continuity; program building; studio technique; radio regulations. Practice before the microphone and in the broadcasting of dramatic and other types of material over KOAC. Exercises in practical program planning and the development of idea material; adapting for radio plays; manuscript preparation and marketing. Mr. Roberts.

THURSDAY, 7:15, room 111.

**\*\*Eng 244p. Theatre Workshop.** Fall term, 2 hours.

The principles and practice of makeup for stage, street, and screen. Mr. Reynolds.

FRIDAY, 7:00, \*Portland Civic Theatre.

**\*\*Eng 245p, 246p. Theatre Workshop.** Winter and spring terms, 2 hours each term.

The designing, planning and execution of stage setting and lighting; and costume. Practical experience is provided in connection with the plays in both theatres. Lectures, laboratory and assigned readings.

FRIDAY, 7:00, \*Portland Civic Theatre.

**Sp 247p. Children's Theatre: Story Telling and Production.** Fall term, 2 hours.

The principles and practice of directing children's dramatics, including story telling, material for creative dramatics and the manuscript play. Production material will consist of staging, scenery and lighting problems, makeup and directing. For teachers, directors of recreational activities, supervisors of children's organization and others in charge of dramatic activities of children. Demonstration plays prepared under supervision by public school children. During this term and the following two terms, arrangements may be made with the instructors for a limited amount of additional laboratory work at the schools, in connection with regular school dramatic activities. Miss Bridges.

MONDAY, 4:15, room B, Central library.

Sp 248p. **Children's Theatre: Creative Drama and Pageantry.** Winter term, 2 hours.

The correlation of reading, social sciences, art (scenery, costume and puppets), drama, music, and physical education, as they enter into production. The development of large production from the story through all its phases. It is planned that several times during the term the class will observe different stages of the production as demonstrated by public school children under supervision. Prerequisite: Sp 247p, or its equivalent. Miss Bridges.

MONDAY, 4:15, room B, Central library.

Sp 249p. **Children's Theatre: Dramatic Workshop.** Spring term, 2 hours.

A continuation of Sp 248p culminating in one large production produced by the public school system under the supervision of Miss Bridges, which correlates all branches of the study of children's theatre and their related courses. This production is so planned that each school represented shall participate, but does not in any way disrupt the time routine set up. Prerequisite: Sp 247p, 248p, or equivalent. Miss Bridges.

MONDAY, 4:15, room B, Central library.

#### UPPER DIVISION COURSES

Eng 341p, 342p-a. **Technique of Acting (Beginning).** Three terms, 2 hours each term.

Study and practice of the principles of acting technique. Problems in the development of observation, imagination, concentration and characterization; body training. Participation in rehearsal and performance. One hour lecture, four hours laboratory.

THURSDAY, 8:00, \*Portland Civic Theatre.

Eng 342 p-b, 343p. **Technique of Acting (Advanced).** Three terms, 2 hours each term.

Advanced problems in analysis and presentation of characterization, through improvisation and manuscript study. Ensemble work in rehearsal and performance. Prerequisite: Eng 341p, 342p-a. One hour lecture, four hours laboratory.

FRIDAY, 8:00, \*Portland Civic Theatre.

Eng 347p, 348p, 349p. **Blue Room Players.** Three terms, 2 hours each term.

A producing group of advanced players whose work consists of actual theatre practice in rehearsal and performance in both theatres. The technique of the intimate and conventional theatre. Principles of direction with the direct application to acting problems. Prerequisites: Eng 341p, 342p, 343p, or equivalent experience, and consent of the director.

MONDAY, 7:00, \*Portland Civic Theatre.

PE 352p. **Fencing.** Three terms, 1 hour each term.

The theory and practice in the use of the sword, foil, rapier, and other historical weapons. Combat and practice. Students will be asked to furnish their own equipment, cost of which will be about \$5.00.

TUESDAY and THURSDAY, 7:15-8:15, Gymnasium.

\* 4 Northwest 23rd avenue.

\*\* NOTE: The Laboratory Theatre, arranged to provide participation and practice for drama students enrolled in Technique of Acting and not enrolled in the Blue Room Players, is available by arrangement with the director for those registered in the courses indicated by asterisks (\*\*).

## ECONOMICS

DEAN MORRIS

### UPPER DIVISION COURSES

Ec 201, 202, 203. **Principles of Economics.** Three terms, 2 hours each term.

The principles that underlie production, exchange, and distribution. Practical problems, such as monetary and banking reform, regulation of international trade, the taxation of land values, labor movement, regulation of railways, the control of trusts, are considered.

Friday, 4:15, room F, Central library.

### UPPER DIVISION COURSES

Ec 441p. **International Economic Policies.** (G) Spring term, 2 hours.

A study of postwar international problems, with special reference to the European settlement, the problems of international debts, and the difficulties that were precipitated by the coming of the business depression throughout the world. An analysis of the forces contributing to the present situation in Europe.

FRIDAY, 7:15, room 110.

Ec 446p. **Economic Problems of the Pacific.** (G) Fall and winter terms, 2 hours each term.

A study of the economic developments in the Orient, with special emphasis upon the problems resulting from the industrialization in China and Japan. The course will deal with the economic background of the present conflict between China and Japan, and with the American interests involved. The course will view the economic problems of the Pacific Basin with American interests especially in mind.

FRIDAY, 7:15, room 110.

### GRADUATE COURSES

Ec 503. **Thesis.** Three terms, hours to be arranged.

Ec 505. **Reading and Conference.** Three terms, 2 hours each term.

SATURDAY, 9:15, room F, Central library.

## EDUCATION

DEAN JEWELL, PROFESSOR SALSBER, PROFESSOR BOSSING, PROFESSOR HUFFAKER, ASSOCIATE PROFESSOR BEATTIE, ASSISTANT PROFESSOR MONTGOMERY, ASSISTANT PROFESSOR NORTON, DR. ALMACK, DR. MARTIN

NOTE: Teachers preparing to secure a secondary certificate should take the "norms" as listed in the general catalogs of the College and the University, with such minor changes as have been approved and which will be explained by an adviser in the Portland Center office. Teachers planning to continue in the elementary field and already having their certificates may take the wider range of "sequences" listed in the introductory part of the catalog.

### UPPER DIVISION COURSES

Ed 311. **Secondary Education.** Fall and winter terms, 2 hours each term.

An extensive study of the problems of the high school from the standpoint of the teacher, involving a consideration of its aims, functions, and characteristics. Prerequisite: General Psychology. Dr. Almack and Associate Professor Beattie.

TUESDAY, 7:15, room 114.

**Ed 312. Educational Psychology.** Fall and winter terms, 2 hours each term.

A study of the laws of learning and their application to the classroom; motivation in learning, transfer of training, memory, forgetting, and the psychology of secondary school subjects. Prerequisite: General Psychology. Dr. Montgomery.

MONDAY, 4:15, room E, Central library.

**Ed 313. Principles of Teaching.** Winter and spring terms, 2 hours each term.

This course deals with the development of theories and principles underlying classroom teaching. It attempts to acquaint the student with literature of the past and present dealing with teaching method, and endeavors to translate theory into the practice of teaching in secondary schools. Some topics receiving emphasis are: aims and outcomes of teaching; the laws of learning; selection and arrangement of materials; problems of method; the assignment; motivation and attention; guidance in study; types of recitations; testing results. Students will be encouraged to present problems from actual classroom situations for group consideration. Prerequisite: Educational Psychology. Associate Professor Beattie.

TUESDAY, 4:15, room D, Central library.

**Ed 316. Oregon School Law and Oregon System of Education.** Spring term, 2 hours.

An analysis of the Oregon school system and of the laws on which the system is based. Attention given to the problems of Oregon schools, plans proposed for their solution, the course of study, and trends in educational development in the state. Prerequisite: junior standing. Associate Professor Beattie.

TUESDAY, 7:15, room 114.

**Ed 335p. Creative Education: Industrial Arts Activities for the Primary Grades.** Fall and winter terms, 2 hours each term.

A study of environment, materials, and activities for the young child which tend to stimulate creative work. The theories underlying the techniques utilized in developing the creative activities program. The discussion will include the planning and directing of centers of interest; providing for the learning skills, concepts, and attitudes; the evaluation of outcomes; creative activities, freedom, and discipline; the organization of the daily schedule. Miss Norton.

FRIDAY, 7:15, room 114.

**Ed 407p. Seminar in Guidance.** Spring term, 2 hours.

Open to students interested in going forward with practical problems in advisory work. Some time will be spent in studying recent research reports. Work in this class will be largely individual. Students should have had one or both the previous courses in guidance before enrolling in this class. Professor Salser.

TUESDAY, 7:15, room 104.

**Ed 424p, 425p. Problems in Curriculum Construction.** (G) Fall and winter terms, 2 hours each term.

A study both of those factors in our changing economy which have given rise to present curriculum problems and of the nature of the educa-

tional issues involved. Trends in curriculum theory and practice will be critically studied and evaluated. Consideration will be given to the development of those principles, techniques and procedures necessary to the formulation of a practical program of curriculum improvement for the elementary and secondary schools. Special attention will be given to the curriculum problems of Portland and vicinity. An applied course in curriculum construction for teachers and administrators. Professor Bossing.

FRIDAY, 7:15, room 113.

**Ed 441p. The Problem Child: Delinquency.** (G) Spring term, 2 hours.

The problem of juvenile delinquency. The causes of delinquency; hereditary factors; physical and environmental conditions that may motivate misconduct. The various types of delinquency, and modern methods of treatment. Dr. Martin.

THURSDAY, 7:15, room 113.

**Ed 451p. Liberalism and Modern Education.** (G) Fall term, 2 hours.

The history of modern political liberalism, in its relation to state education in the leading nations of the modern world. Study of liberal theory as well as of the development of liberal institutions. Liberalism since the World War. Dr. Almack.

MONDAY, 7:15, room 114.

**Ed 457p. Social Education: Teacher Personnel Problems.** (G) Fall term, 2 hours.

The structure and functioning of society, as a background for the study and evaluation of education in its varied forms. Emphasis on the relationship of the teacher and the teaching profession to the general environment, social structure, and group thinking. The cooperative personality of the teacher; collaboration in public school policies; participation in administration; group organization; budgets, salaries, tenure, retirement, legislation, and other problems of the teacher; welfare in the relationship to the general social structure. Dr. Almack.

WEDNESDAY, 7:15, room 114.

**Ed 461p. Psychology of Childhood.** (G) Fall term, 2 hours.

A study of the mental development of the child. Native responses; play, self-assertion, instinctive social attitudes; speech, emotions; simple mental processes; complex mental processes; mental organization. Dr. Martin.

THURSDAY, 7:15, room 113.

**Ed 463p. Teaching of Physically Handicapped Children.** Winter term, 2 hours.

Organization, methods, and materials for work with children who are physically handicapped. The classification in terms of education and educability of the different types of physically handicapped including the permanent and the temporary groups. Consideration of the adaptation of standard curricula to the educational limitations of the handicapped child; uses of physiotherapy and rest periods. Auditory and visual aids; the relation of industrial arts and vocational training. Dr. Martin.

THURSDAY, 7:15, room 113.

Ed 464p. **Remedial Reading.** (G) Fall and winter terms, 2 hours each term.

The psychological basis for teaching reading; typical reading difficulties and their causes; and an evaluation of various diagnostic and remedial methods used in treating reading disabilities. *This class will not begin until October 3.* Assistant Professor Montgomery.

MONDAY, 7:15, room 105.

Ed 466p. **Diagnostic and Remedial Techniques.** (G) Spring term, 2 hours.

A study of the difficulties in spelling and arithmetic found among atypical children at the primary and elementary school levels. Techniques of diagnosis, including the administration and interpretation of mental and achievement tests; types of difficulties found at various levels; remedial procedures suitable for both individual and group instruction. Assistant Professor Montgomery.

MONDAY, 7:15, room 105.

Ed 468p. **Hygiene of Learning.** (G) Spring term, 2 hours.

Those factors and conditions which make for mental development, including those which make for disintegration as well as those which make for integration. Assistant Professor Montgomery.

MONDAY, 4:15, room E, Central library.

Ed 472p. **Basic Course in School Administration: Organization.** (G) Fall term, 2 hours.

The organization of both grade and high schools. The course of study; building the daily program; classification of pupils; and other topics vital to the organization of the school system. The philosophy and principles of organization for adaptability to the needs of a modern program, and the relationship of school and community as it affects organization. This course is part of the administrative cycle required of all majors in school administration and of prospective high school principals. Dr. Almack.

WEDNESDAY, 4:15, room B, Central library.

Ed 486p. **Current Occupational Trends.** (G) Fall term, 2 hours.

A study of the recent and rapidly increasing materials available in the occupational and vocational world along with interpretations of present trends. Attention is given to sources of such material and to their relative value and usefulness for high school and college students. Professor Salser.

TUESDAY, 7:15, room 104.

Ed 487p. **Counseling.** (G) Winter term, 2 hours.

Aims to give prospective counselors, administrators, teachers, and parents an acquaintance with mental, achievement, trade, and other tests, together with some practice in the administration of such tests. Problems of classification; methods used in educational and vocational counseling. Professor Salser.

TUESDAY, 7:15, room 104.

Ed 493p. **Observation of Activities.** Fall and winter terms, 1 hour each term.

*Fall term:* Opportunity to observe the teaching of an industrial arts unit devoted to the changing of raw materials into usable products. The

class will visit mills, factories, markets, and docks to investigate the methods by which man receives food, shelter, and clothing. Miss Norton.

SATURDAY, 9:15, room B, Central library.

*Winter term:* Construction projects in soap, clay, wood, and other media, suitable for use in activity programs in the primary grades, giving teachers manual skills necessary for carrying out similar projects in the classroom. *Laboratory fee, winter term only, \$1.* This course is open only to those registered in Ed 335p. Miss Norton.

SATURDAY, 9:15, 6th floor, Kraemer building.

#### GRADUATE COURSES

Ed 503. **Thesis.** Three terms, hours to be arranged.

Dean Jewell, Professor Huffaker, Professor Bossing.

E4 507. **Education Seminar.** Three terms, hours to be arranged.

For graduate students in education working for a master's degree. Dean Jewell, Professor Huffaker and staff.

SATURDAY, 9:15, room G, Central library.

Ed 507p. **Seminar in Guidance.** Spring term, 2 hours.

Open to students interested in going forward with practical problems in advisory work. Some time will be spent in studying recent research reports. Work in this class will be largely individual. Students should have had one or both the previous courses in guidance before enrolling in this class. Professor Salser.

TUESDAY, 7:15, room 104.

Ed 511p. **Modern Educational Principles and Problems.** Fall and winter terms, 2 hours each term.

A general survey, at graduate level, of recent developments in all fields of education. Emphasis is placed upon an evaluation of current trends in the various fields, and upon opportunities offered for specialization and service. Required of candidates for master's degree in education before the preliminary examination. Open to qualified senior majors in education upon consent of instructor. Professor Huffaker.

FRIDAY, 7:15, room 105.

Ed 561. **Advanced Educational Psychology.** Spring term, 2 hours.

A discussion of the experimental material most useful and relevant to educational psychology. Prerequisite: graduate standing in education. Professor Huffaker.

FRIDAY, 7:15, room 105.

#### ENGLISH

PROFESSOR PARSONS, PROFESSOR SMITH, ASSISTANT PROFESSOR COLLIER, ASSISTANT PROFESSOR HULL, MRS. CULVER

#### COURSES IN LITERATURE

##### LOWER DIVISION COURSES

Eng 101, 102, 103. **Survey of English Literature.** Three terms, 2 hours each term.

From Beowulf to the present. *Fall term:* Beowulf to John Donne.

*Winter term:* from the Jacobean era to Dr. Samuel Johnson. *Spring term:* From Blake and Burns to the Victorians. Epochs are studied as such, and authors are grouped and regarded as to their distinction, their importance in their periods, and their influence upon later literary forms and thought trends. The course is in sequence but may be elected for separate terms. Required of all English majors and all who are doing a norm in English. Professor Parsons.

WEDNESDAY, 7:15, room 107.

Eng 201, 202, 203. **Shakespeare.** Three terms, 2 hours each term.

Twenty plays by Shakespeare will be read and studied in the light of the renaissance in England and the author's distinction as dramatist and poet. Textual matters and sources will be considered and critical bibliography will be suggested. Consistent effort will be made to find the individual Shakespeare in his work. Designed to meet the needs of English majors and those who wish to fulfill a norm in English. Professor Parsons.

FRIDAY, 7:15, room 107.

#### UPPER DIVISION COURSES

Eng 371p, 372p, 373p. **Main Tendencies in Contemporary Literature.** Three terms, 2 hours each term.

Viewing the contemporary scene in perspective, the course will indicate literary trends, and point out their underlying causes from the turn of the century to the present—changing movements and forms, technological influences, some contemporary Soviet writers, and the newly articulate literature of South America. Manifestations of current literary movements will be considered as they are exemplified in the works of important writers. *First term:* France and Russia; *second term:* England, Scotland and Ireland; *third term:* South America and the United States. Professor Parsons.

SATURDAY, 9:15, room C, Central library.

Eng 447p, 448p, 449p. **Seventeenth-Century Literature.** (G) Three terms, 2 hours each term.

A study of the poetry and prose from Jonson to Dryden in relation to the trends of thought and feeling which characterizes the century. Professor Parsons.

TUESDAY, 7:15, room 107.

AL 462, 463, 464. **The Psychological Novel Since 1890.** (G) Three terms, 2 hours each term.

Henry James, Joseph Conrad, D. H. Lawrence, and James Joyce, as major figures. How do they compare with Marcel Proust, Arthur Schnitzler, and Thomas Mann? Briefer notice of May Sinclair, Somerset Maugham, Henry Handel Richardson, and others. Currents from psychoanalysis and behaviorism: Sherwood Anderson, Hemingway, and Faulkner. The debt of the novel to psychology and of psychology to the novel. Professor Smith.

FRIDAY, 7:15, room 115.

#### GRADUATE COURSES

Eng 503. **Thesis.** Three terms, hours to be arranged.  
Time to be arranged. Professor Parsons and Smith.

Eng 507p. **Seminar.** Three terms, 2 or 3 hours each term.

Professor Parsons.

THURSDAY, 7:15, room 107.

Eng 507. **Seminar in Special Authors.** Three terms, 2 or 3 hours.

Professor Smith.

SATURDAY, 9:15, room H, Central library.

### COURSES IN WRITTEN ENGLISH

#### LOWER DIVISION COURSES

Eng 111, 112, 113. **English Composition.** Three terms, 2 hours each term.

A year course in English composition and rhetoric, with frequent themes in the various forms of discourse; exposition, argument, description and narration. Special attention to correctness in fundamentals, to the organization of papers, to the essentials of good writing.

Section 1, Mrs. Culver. WEDNESDAY, 7:15, room 104.

Section 2, Assistant Professor Collier. FRIDAY, 7:15, room 103.

Eng 114p, 115p, 116p. **Vocabulary Building.** Three terms, 2 hours each term.

Designed to expand and sharpen vocabularies and otherwise to improve the use of English. A study of words: New words, foreign words, word families, the right word; diction, pronunciation, and modern trends in vocabularies, combined with effective programs for acquiring and using the forms and mechanics of writing. Regular practice in writing. Assistant Professor Collier.

TUESDAY, 7:15, room 103.

Eng 117p, 118p, 119p. **Good Usage in Speech and Writing.** Three terms, 2 hours each term.

This is a practical course in everyday English. It treats of essential matters of grammar, diction, and mechanics, and develops the principles of sentence structure. It places continuous emphasis on correctness, definiteness, and other prime qualities of speech and writing. Exercises in writing will be adjusted to the vocational needs of the students. Mrs. Culver.

MONDAY, 7:15, room 113.

Eng 213p, 214p, 215p. **The Short Story.** Three terms, 2 hours each term.

The technique and analysis of the story. Distinctive productions of past and contemporary authors used as material for the study of literary values, and for the recognition of short story elements of theme, characterization, conflict, plot, and suspense. The course will center upon the creation of original stories by the student. A discussion of magazine requirements is included. Assistant Professor Hull.

THURSDAY, 7:15, room 115.

Eng 220p, 221p, 222p. **Creative Writing.** Three terms, 2 hours each term.

A course in which emphasis is placed on the development of ideas and their effective presentation. Practice in writing in the various literary forms, both informative and imaginative, develops facility and enables the student to discover his individual mode of expression. An appreciation of

literary technique is acquired through the analytical study of the style of present day writers. Group discussion and individual conferences aid the student in the development of his original powers. Mrs. Culver.

TUESDAY, 7:15, room 105.

#### UPPER DIVISION COURSES

Eng 312p, 313p. **Advanced Short Story Writing.** Winter and spring terms, 2 hours each term.

Consideration of manuscripts; class discussion; problems of availability from the publishing point of view. Professor Parsons.

THURSDAY, 4:00, room C, Central library.

Eng 317. **Versification.** Fall term, 2 hours.

A course which aims at comprehension of the art and aesthetics of poetry with study of selected models and practice in the writing of verse of various forms. Professor Parsons.

THURSDAY, 4:00, room C, Central library.

Eng 329p, 330p, 331p. **English in Business and the Professions.** Three terms, 2 hours each term.

Intended as a stimulant and enlivener of the language of adults; not a remedial course. Letters from the standpoint of the dictator and of their psychological effect. Improvement of vocabularies which have fallen into a routine. The sharpening up of powers of expression. Oral English in the art of conversation and in the giving of reports. Assistant Professor Collier.

WEDNESDAY, 7:15, room 103.

#### SERVICE DEPARTMENT

##### Manuscript Criticism

A service for the benefit of writers who wish competent and professional criticism of their manuscripts in prose and verse. Arrangements may be made through the Portland Center office.

Novel, short story, or book of non-fiction: \$5 for 8,000 words or less and \$1 for each additional thousand.

Verse: \$3 for six (or less) short poems not exceeding a double-spaced page each and submitted together; \$10 for a book of verse not to exceed 50 double-spaced pages.

#### ENTOMOLOGY

ASSOCIATE PROFESSOR SCULLEN

Ent 235p. **The Habits and Management of Honey Bees.** Spring term, 2 hours.

An elementary discussion of the life history of the honey bee; fundamental principles in their care as a hobby and for honey production; their utilization in biology classes and nature study groups, Boy Scout, Campfire Girls, and others. The course will include a discussion of the habits of other social insects.

THURSDAY, 7:15, room 206.

#### FRENCH

MADAME BEATTIE

NOTE: Two years of a two-hour Portland Center language course, or twelve hours, is the equivalent of one year of college language at the University or State College.

#### LOWER DIVISION COURSES

RL 1, 2a. **First Course in French.** Three terms, 2 hours each term.

The essentials of French grammar. Translation of short English sentences into idiomatic French and simple French prose into English. Composition will accompany the reading. Abundant and systematic practice in conversation; special emphasis on pronunciation.

TUESDAY, 7:15, room 116.

RL 2b, 3. **Second Course in French.** Three terms, 2 hours each term.

This course reviews and extends considerably the knowledge of grammatical principles and the irregular verbs acquired in the previous course. More formal exercises in pronunciation, and a study of idioms used in conversational French. Constant reading of simple texts, and sight work to develop in the student ability to read easy French without recourse to English. Conversation.

WEDNESDAY, 7:15, room 116.

RL 4, 5a. **Third Course in French.** Three terms, 2 hours each term.

Grammar is used only for references with composition work largely replacing grammatical exercises. Continuation of exercises in French pronunciation. More time allotted to practical French conversation. A thorough and systematic drill on French idioms used in conversational French.

FRIDAY, 7:15, room 116.

RL 5b, 6. **Fourth Course in French.** Three terms, 2 hours each term.

Exercises omitted in French composition will be completed. French conversation will be greatly extended. Lessons on French idioms; readings in French prose.

MONDAY, 7:15, room 116.

#### UPPER DIVISION COURSES

RL 311p, 312p, 313p. **French Literature: Twentieth Century Authors.** Three terms, 2 hours each term.

Intended primarily for persons wishing to continue, improve and keep in use their knowledge of French. It will be conducted entirely in French and will consist of lectures, book reports, and class discussions concerning the foremost French writers of this century—Martin du Gard, Romain, Claudel, Valery, Duhamel, Mauriac, Bernanos, Chardonne, Bourget, Maurois, Montherlant, Bordeaux, Bedel, Giono, and others.

THURSDAY, 7:15, room 116.

RL 314p, 315p, 316p. **French Composition and Conversation.** Three terms, 2 hours each term.

Presupposes some knowledge of French Grammar. Conducted, as far as possible, in French. The difficulty of the conversation will increase as the course progresses. The composition is intended to release the student from the somewhat formal sentences found in grammars and to introduce idiomatic and lively French.

WEDNESDAY, 4:15, room D, Central library.

**GEOGRAPHY**

MR. STOVALL

## UPPER DIVISION COURSES

Geo 314p. **Regional Geography: Geography of the Oceans.** Fall term, 2 hours.

The distribution of water on the surface of the earth. The history of the study of oceanography, including early conceptions of the oceans. Sea level; depths; origin of the ocean and ocean salts; deposits; compositions of sea water; physical character; biological content. Waves and their theory; tides; ocean currents and their effect on climate, commerce, and human activity. Some attention to contemporary methods of investigation.

MONDAY, 7:15, room 107.

Geo 315p. **Climatology.** Winter term, 2 hours.

Weather and the climates of the world. A preview of the elements of meteorology; world distribution of temperature, pressure, winds, precipitation. The uniformity and variability of climate; climatic changes and their causes; climatic cycles. Interpretation of weather maps, and graphic representation of climatic data. The operation and value of the Federal Weather Bureau; climate in history.

MONDAY, 7:15, room 107.

**GEOLOGY**

PROFESSOR PACKARD, PROFESSOR HODGE

G 201p, 202p. **General Geology.** Three terms, 2 hours each term.

An introductory course dealing with the processes at work changing the face of the earth: the internal structure, composition, and activities of the earth; the economic geologic deposits; a survey of the main events in the history of the earth; and a study of prehistoric life, including man and current events having geological backgrounds. Professor Hodge.

THURSDAY, 7:15, room 110.

G 340p. **Elements of Paleontology.** Spring term, 2 hours.

An introductory study of the more common types of invertebrate fossils, including forms occurring commonly at localities in the Northwest. Professor Packard.

THURSDAY, 7:15, room 202.

**GERMAN**

PROFESSOR SPAULDING

NOTE: Two years of a two-hour Portland Center language course, or twelve hours, is the equivalent of one year of college language at the University or the College.

## LOWER DIVISION COURSES

Ger 1, 2a. **First Course in German.** Three terms, 2 hours each term.

Essentials of German grammar. Simple composition and conversation.

MONDAY, 7:15, room 203.

Ger 2b, 3. **Second Course in German.** Three terms, 2 hours each term.

This course extends considerably the study of grammar in the First

course. Translation of easy prose and poetry. Simple conversation and position.

TUESDAY, 7:15, room 108.

Ger 4, 5a. **Third Course in German.** Three terms, 2 hours each term.

Review of grammar; reading of advanced texts. Advanced composition.

WEDNESDAY, 7:15, room 108.

Ger 5b, 6. **Fourth Course in German.** Three terms, 2 hours each term.

This course continues and completes the equivalent of two years of college German.

THURSDAY, 7:15, room 108.

## GRADUATE COURSES

Ger 503. **Thesis.** Three terms, hours to be arranged.

Time to be arranged with instructor.

Ger 507 (or 407). **Seminar.** Three terms, 2 hours each term.

The life and works of Goethe, with special emphasis on Faust. Advanced study and investigation. For graduate students and students majoring in German.

SATURDAY, 9:15, room D, Central library.

**HISTORY**

PROFESSOR R. C. CLARK, PROFESSOR DAN E. CLARK, PROFESSOR GOLDENWEISER, ASSOCIATE PROFESSOR GANOE, MISS SPOONER

## UPPER DIVISION COURSES

Hst 341p-a. **Modern Europe.** Fall term, 2 hours.

The conflict between liberalism and conservatism in Europe, the industrial revolution and the rise of romanticism and nationalism from the downfall of Napoleon through the revolutions of 1848. Associate Professor Ganoe.

MONDAY, 7:15, room 111.

Hst 341p-b, 342p-a. **Modern Europe.** Winter term, 2 hours.

The formation of the new nation states, the rise of democracy and the evolution of realism from 1848 to 1878. Associate Professor Ganoe.

MONDAY, 7:15, room 111.

Hst 342p-b. **Modern Europe.** Spring term, 2 hours.

The quest for social justice, the new imperialism and the backgrounds of the World War. Particular emphasis will be placed upon the diplomacy of the period 1878 to 1914. Associate Professor Ganoe.

MONDAY, 7:15, room 111.

Hst 371p-a. **History of the United States, 1783-1829.** Fall term, 2 hours.

A course covering the period of the establishment of American nationality. The background, drafting and adoption of the Constitution; the launching of the new federal government; the origin and early history of political parties; the struggle for neutral rights during the Napoleonic Wars; the War of 1812; territorial expansion; the westward movement, and the growth of democracy. Professor Dan E. Clark.

FRIDAY, 7:15, room 111.

Hst 371p-b, 372p-a. **History of the United States, 1829-1865.** Winter term, 2 hours.

A survey of the period extending from the presidency of Andrew Jackson to the close of the Civil War. Jacksonian democracy, manifest destiny, territorial expansion, panics, and the growth and culmination of the sectional controversy between the North and the South are among the main topics surveyed in this course. Professor Dan E. Clark.

FRIDAY, 7:15, room 111.

Hst 372p-b. **History of the United States, 1865-1898.** Spring term, 2 hours.

A survey of such subjects as the tragic era of reconstruction in the South, the revolution in agriculture, the exploitation of our natural resources, industrial expansion, labor problems, the rise of big business, the growth of economic and political discontent, and the emergence of the United States as a world power. Professor Dan E. Clark.

FRIDAY, 7:15, room 111.

Hst 377p. **History of Oregon.** Winter term, 2 hours.

A general survey of the discovery and exploration of the Oregon Country, the development of the Northwest fur trade, the coming of the immigrants, and the final establishment of organized government. A review of Oregon's transportation history, ocean and river commerce, and the development of industry and agriculture. Professor R. C. Clark.

FRIDAY, 7:15, room 104.

Hst 378p. **History of Oregon: Historic Places.** Fall term, 2 hours.

Study of historic sections of the lower Willamette Valley, in Vancouver, and along the Columbia River. Lectures, assigned readings, and field trips. The course will not satisfy the state requirement for certification. Miss Spooner.

TUESDAY, 7:15, room 111.

Hst 414p, 415p. **European Thought and Culture.** (G) Winter and spring terms, 2 hours each term.

A history of intellectual movements and social trends in nineteenth century Europe, with special emphasis on Germany, France and England. Against this background, the present developments in Europe and the United States will be examined and evaluated. In closing, an attempt will be made to envisage the cultural prospects for the future. Professor Goldenweiser.

WEDNESDAY, 7:15, room 112.

Hst 431p. **The Renaissance.** (G) Fall term, 2 hours.

The development of the new humanism in its relations to the political, social, and religious life of the time as seen in the revival of nationality and individuality, of literature, art, and science, and in the results of travel and geographical discovery. Associate Professor Ganoe.

MONDAY, 4:15, room F, Central library.

Hst 432p. **The Reformation.** (G) Winter term, 2 hours.

The disruption of the Church in Western Europe, the Counter Reformation and the religious wars and their relation to the evolution of the national states and the rise of capitalism. Associate Professor Ganoe.

MONDAY, 4:15, room F, Central library.

Hst 433p. **The Age of Louis XIV.** (G) Spring term, 2 hours.

A study of the rise of national states, with emphasis upon the period from the Treaty of Westphalia to the French Revolution. Analysis of the balance of forces in Europe among states and among social classes, and the efforts made to preserve the shifting equilibrium. Emphasis on the characteristic institutions, culture, and tendencies of the period. Associate Professor Ganoe.

MONDAY, 4:15, room F, Central library.

Hst 457p. **Recent Russia: Revolution and the Soviet Union.** (G) Fall term, 2 hours.

After a brief review of the Russian past, the present situation in the U.S.S.R. will be discussed systematically, including the political, economic and international scene, the legal, educational and family institutions, science, art, literature, and the policies of the dictatorship. Examination and consideration of the new Soviet constitution. The course will close with a comparative analysis of the world view of capitalism and communism. Professor Goldenweiser.

WEDNESDAY, 7:15, room 112.

Hst 460, 461. **History of Civilization in the United States.** (G) Winter and spring terms, 2 hours each term.

During the winter term this course will be devoted mainly to the material and physical bases of American civilization: the population, the development of social classes, frontier influences, the rise of cities, economic and technological progress. In the spring term such aspects of American culture as science, religion, education, newspapers, magazines, and ethical standards will be studied historically. Lectures, assigned readings, reports, discussions. Professor Dan E. Clark.

SATURDAY, 9:15, room E, Central library.

#### GRADUATE COURSES

Hst 501. **History Research.** Three terms, 2 or 3 hours each term. Professors R. C. Clark and Dan E. Clark.

Hst 503. **Thesis.** Three terms, hours to be arranged. Professor R. C. Clark.

Hst 505. **Reading and Conference.** Three terms, 2 or 3 hours each term. Professors R. C. Clark and Dan E. Clark.

#### HOME ECONOMICS

MISS MOREHOUSE

#### LOWER DIVISION COURSES

CT 250p. **Textiles.** Fall term, 2 hours.

A practical study of buying clothing for each member of the family, including the selection of textile fabrics and ready-to-wear garments from the standpoints of style, suitability and durability. A discussion of the various agencies now issuing printed material on buying, quality, standards, and labeling, which would be helpful to the homemaker. Illustrative material from local stores. How to judge quality in new finishes and mixtures. Class periods will be devoted to cottons; linens; wool; silk; syn-



thetics; women's and misses' coats, suits and accessories; foundation garments and dresses; children's clothes; men's and young men's garments; shoes and hose.

MONDAY, 7:15, room 108.

#### UPPER DIVISION COURSES

CT 311p. **Costume Design.** Winter term, 2 hours.

A study of the development of historic costume and its relation to modern fashions; how fashion trends are launched and how to select designs for one's self and others. The course will include historic styles as an inspiration for modern designs; figure and personality types; value of line, color and texture in creating effects; fabrics as an inspiration for designing; study of each individual with the purpose of deciding her best lines, colors and texture in clothing, hair arrangement, cosmetics. Some practical work will be done in original designing or adaptation in inexpensive materials.

MONDAY, 7:15, room 108.

CT 431p. **House Furnishing.** Spring term, 2 hours.

The purpose of this course is to foster an appreciation for our rich heritage in the historic decorative styles and to consider their influence upon present-day fashions in furnishings. The important periods of the past will be studied as to the types of domestic architecture, treatment of room backgrounds, furniture styles, textiles and accessories of decoration. The eleven class meetings will treat the following topics:

1. Recurring cycles of style and the relationship between the spirit of the times and decorative forms.
2. Sixteenth-Century English Styles—Tudor.
3. Sixteenth-Century French Styles—Louis XIV.
4. Seventeenth-Century English Styles—Jacobean.
5. Seventeenth-Century French Styles—Louis XV and XVI.
6. Eighteenth-Century English Styles—Chippendale, Sheraton, etc.
7. Eighteenth-Century French Styles—Empire, Directoire.
8. Furniture Styles in America—Colonial, Federal.
9. Nineteenth-Century Styles in England and America—Victorian.
10. Modern Design in Europe and America.
11. Interperiod Furnishing for the American Home.

MONDAY, 7:15, room 108.

### GENERAL HORTICULTURE

PROFESSOR BOUQUET

Hrt 111p. **Elements of Horticulture: Home Gardening.** Winter term, 2 hours.

The production of vegetables and flowers in the home garden. *Vegetables:* The principles and practices involved in growing vegetables, including such subjects as soils, fertilization, varieties, seeds, plant growing, irrigation, pest control, planting and cultivating. *Flowers:* Production of flowers with special reference to annuals, biennials, herbaceous perennials, and bedding plants. Varieties, soils, fertilizers, planting, pest control, and cultural practices.

TUESDAY, 7:15, room 111.

### JOURNALISM

PROFESSOR TURNBULL

#### LOWER DIVISION COURSES

J 210p, 211p, 212p. **Journalistic Writing.** Three terms, 2 hours each term.

A practical course in writing combined with enough treatment of the established principles of journalism to serve as a foundation for a beginner on a newspaper, for a high school adviser of student publications, for a teacher of a course in journalistic writing in an English department, or for a beginning free-lance writer. Previous training not required, but students should be able to write good standard English.

TUESDAY, 7:15, room 202.

NOTE: Two terms of Journalistic Writing plus six term hours of English Composition will satisfy the English Composition requirement for the Junior Certificate in the institutions of the State System.

#### UPPER DIVISION COURSES

J 405. **Reading and Conference.** Three terms, 2 or 3 hours each term. Hours to be arranged.

### LANDSCAPE ARCHITECTURE

PROFESSOR PECK

#### LOWER DIVISION COURSES

LA 179p. **Landscape Architecture.** Fall and winter terms, 2 hours each term.

A lecture course planned to meet the needs of the individual looking forward to developing or altering his own home grounds. Introductory. Elementary drawing and indication on landscape plan. Method of planning and locating walks, drives, plantings, and organization of ground areas in their relation to the floor plan of the house. Plant material discussions. Required reading for those who take this course for college credit.

FRIDAY, 7:15, room 317.

### MATHEMATICS

PROFESSOR PRICE

#### LOWER DIVISION COURSES

Mth 101. **Unified Mathematics.** Fall and winter terms, 2 hours each term. Trigonometry, graphs, algebra, elements of calculus. WEDNESDAY, 7:15, room 204.

Mth 102a. **Unified Mathematics.** Spring term, 2 hours.

A study of exponential functions and logarithms and other elementary functions. A continuation of Mth 101.

WEDNESDAY, 7:15, room 204.

## UPPER DIVISION COURSES

\*Mth 406p. **Advanced Studies: Theory of Numbers.** (G) Three terms, 2 hours each term.

Elementary properties of rational integers, including an introduction to the theory of binary quadratic forms. A study of Fermat's last theorem and some diophantine equations.

WEDNESDAY, 4:00, room E, Central library.

\*Mth 413p. **Advanced Analytical Geometry.** (G) Three terms, 2 hours each term.

A study of rectangular and other systems of coordinates in two and three dimensions; transformations and groups of transformations and their invariants.

WEDNESDAY, 4:00, room E, Central library.

\* Either Mth 406p or Mth 413p will be given but not both.

## MECHANICAL ENGINEERING

MR. TAYLOR

ME 461p. **Heating and Air Conditioning.** Fall term, 2 hours.

Study of modern methods of heating, ventilating, and air conditioning. Definition of terms. Fundamental theory of air and heat behavior. Heating and cooling load calculations. Humidifying and dehumidifying calculations. Effective methods of ventilation. General design practice. Selection of equipment. Testing and adjusting. Present-day trends.

TUESDAY, 7:15, room 204.

## MUSIC

MR. CAMPBELL

## LOWER DIVISION COURSES

Mus 127p, 128p, 129p. **Fundamentals of Musicianship.** Three terms, 2 hours each term.

A class for the study of fundamental principles on which occidental music is constructed. Subjects covered will include the natural series of overtones, intervals as formed from it, historical development of scales, establishing of tonality, investigation of rhythms, formation of melody, elements of formal design, and illustration of all points as exemplified in folksong, chorale, and classic works. Much drill will be given in application of principles through analysis, writing, playing, and recognition in hearing. The combination of melodies in simple counterpoint will be undertaken during the spring term.

MONDAY, 7:15, room 115.

## UPPER DIVISION COURSES

Mus 308p. **Bach.** Fall term, 2 hours.

A study of the culmination of polyphonic music in the early 18th century as exemplified in the work of Johann Sebastian Bach. Forces that shaped his style, his life, character, and his immense influence in the sub-

sequent development of music to the present time will be considered. A careful selection from his works will be studied from both structural and expressive standpoints. *Course fee, \$2 each term.*

WEDNESDAY, 7:15, room 115.

Mus 309p. **Beethoven.** Winter term, 2 hours.

Classic form and romantic content as illustrated in the works of Beethoven. The perfection of homophonic style will be studied in his sonatas, quartettes, and symphonies. Also his work will be considered in relation to and as an expression of the political, social, and artistic conditions of his period. *Course fee, \$2 each term.*

WEDNESDAY, 7:15, room 115.

Mus 310p. **Wagner.** Spring term, 2 hours.

The rise of music drama. The life of Richard Wagner, his theories, their application as demonstrated in his works, consideration of his music dramas as to sources of plot and poetic, dramatic and musical means employed, and his great influence on contemporary and later composers. *Course fee, \$2 each term.*

WEDNESDAY, 7:15, room 115.

## NUTRITION

ASSOCIATE PROFESSOR MANVILLE

## UPPER DIVISION COURSES

Nur 327p. **Human Nutrition.** Three terms, 2 hours each term.

*Fall term:* Human Nutrition: Diet formulation. The human being as an engine is discussed from the viewpoint of its energy requirements. The theory and practice of determining the metabolic rate is presented as a method for determining the fuel requirements of the engine at rest and at work. Actual determinations of the metabolic rate are performed as well as practice in the use of prediction tables.

*Winter term:* Human Nutrition: Balanced Diets. The twenty-four hour food intake is studied from the standpoint of its several "balances." To accomplish this a "dietary diary" is kept and the result assessed or "scored" as a measure of its adequacy. Food accessories such as vitamins and minerals are studied not as sources of energy but as nutritional regulators.

*Spring term:* Human Nutrition: Food Values. The nutritional values of proteins, fats and carbohydrates are discussed from the standpoint of their dietary uses. Special nutritional requirements for the maintenance of health and the prevention of disease are also studied. Emphasis is placed, in addition, on the relationship of nutrition to public health and upon nutritional hygiene.

The sequence of term assignments is arranged in such a manner as to give the student a clear understanding of the foundation upon which all nutrition rests and the principles involved in maintaining and in assessing it. At the same time, the subject matter is sufficiently segregated to allow students to register any quarter.

THURSDAY, 7:15, room 114.

**PHYSICAL EDUCATION**

PROFESSOR WASHKE, MISS LOGAN, MISS LENSCH

## UPPER DIVISION COURSES

PE 341p, 342p, 343p. **Physical Education Theory.** Three terms, 2 hours each term.

This sequence, with PE 444, 445, 446, makes up a comprehensive core organized to focus all phases of the health and physical education curriculum upon the professional functions of physical education. These functions are emphasized in training for competence in such aspects of physical education as: intramural sports, recreation, teaching methods and programing, equipment, plant and field problems, and interschool activities. These units, with other important materials, are all organized into an integrated instructional core extending through the junior and senior years. Prerequisite: junior standing; and PE 121; Z 104, 105, 106 or Z 111, 112, 113; FN 225, or consent of instructor. Professor Washke.

FRIDAY, 7:15, room 204.

PE 352p. **Fencing.** Three terms, 1 hours each term.

The theory and practice in the use of the sword, foil, rapier, and other historical weapons. Combat and practice. Students will be asked to furnish their own equipment, cost of which will be about \$5.00.

TUESDAY and THURSDAY, 7:15-8:15, Gymnasium.

PE 361, 362. **School Health Education.** Three terms, 2 hours each term.

Part of a sequence making up a comprehensive core in the materials and methods of school health education—in its three phases of health service, health supervision, and health instruction. Such functional knowledges and skills as school nutrition, safety education, social hygiene, history of preventive medicine, control of infection in schools, health examinations, normal diagnosis (including special orthopedic growth deviations), and health survey procedures are selected to prepare the student as a health teacher and counselor in the high schools. These units and other important materials are organized into an integrated instructional core which extends through the junior and senior years. Prerequisite: Junior standing and PE 121; Z 104, 105, 106 or Z 111, 112, 113; FN 225; or consent of instructor. Miss Logan.

TUESDAY, 4:15, room B, Central library.

PE 380p, 381p, 382p. **Rhythm for Elementary Grades.** Three terms, 1 hour each term.

Presentation of rhythms, dramatic plays, folk dances, and fundamental movements suitable for the development and interest of the elementary grades. Sources, classification, and adaptation of material for program purposes; principles of progression; analysis and selection of music for various levels of instruction. For elementary teachers in lower grades and others working with small children. Miss Lensch.

MONDAY, 7:15, Gymnasium.

PE 431p. **Technique of the Dance.** Fall and winter terms, 2 hours each term.

Presents the dance from the standpoint of its contribution to all age levels, and its use in education and physical education. An intensive study

of techniques, elements of rhythmic and musical pattern; materials of design and composition. Simplicity, directness, and freedom of movement that characterize the study of the modern dance. Percussion techniques of simple and advanced groupings will be analyzed. For the general student and of the high school teacher. Miss Lensch.

WEDNESDAY, 7:15, Gymnasium.

**PHYSICS**

MR. REID

Ph 361p, 362p. **Photography.** Fall and winter terms, 2 hours each term.

A study of the theory of photography, with special reference to miniature camera technique. Negative making, developing and printing, toning, enlarging. Composition, indoor lighting, copying. Attention will be given to color photography and motion pictures. Prerequisite: Photographic experience satisfactory to the instructor.

MONDAY, 7:15, room 204.

**POLITICAL SCIENCE**

ASSISTANT PROFESSOR BARTHELL

## LOWER DIVISION COURSES

PS 202p. **American State Governments.** Fall term, 2 hours.

A study of state governments in the United States as part of the general problems of government. Attention is paid to proposals for reform. Particular emphasis on Oregon problems.

WEDNESDAY, 7:15, room 111.

## UPPER DIVISION COURSES

PS 342p, 343p. **Problems of Public Administration and Finance.** Winter and spring terms, two hours each term.

Study of the principles which underlie public administration and finance, including government organization, budgeting, financial control, purchasing and contracting, personnel management, reporting, and other administrative functions of government. (Variation of PS 342, 343, 344 in University of Oregon catalog).

WEDNESDAY, 7:15, room 111.

NOTE: PS 202p, 342p, together satisfy the state and local government requirement for political science in the history majors, norms and sequences, and count 4 hours toward the group requirement of 9 hours in social science.

**PSYCHIATRY**

DR. HUTCHENS

Ps 206p. **Child Psychiatry.** Fall and winter terms, 2 hours each term.

Considerations will be given to the principles of personality development as observed in the child. The problems of maladjustment of children

are considered from the standpoint of the complaint factor and reasons for the development of certain types of behavior.

MONDAY, 7:15, room 112.

## PSYCHOLOGY

PROFESSOR CALDWELL, DR. HULIN

### LOWER DIVISION COURSES

Psy 201, 202, 203. **General Psychology.** Three terms, 2 hours each term.

An analysis of human behavior from the natural science point of view with special reference to the common individual and social adjustment problems of normal people. The fundamental aim of the course is to assist students in acquiring a general understanding of human nature in the light of experimental studies.

Section 1, Dr. Hulin, MONDAY, 7:15, room 110.

Section 2, Professor Caldwell and Dr. Hulin, TUESDAY, 7:15, room 110.

### UPPER DIVISION COURSES

Psy 421p, 422p, 423p. **Contemporary Psychology.** (G) Three terms, 2 hours each term.

Survey of various contemporary psychological systems, with special emphasis on Gestalt psychology, purposive behaviorism, topological psychology, and psychoanalysis. The historical and philosophical backgrounds of the several systems. Comparison of their points of view. Consideration of such fundamental methodological questions as the aims of psychology as a science, the nature of explanation, and the nature and use of abstractions in psychology. Dr. Hulin.

WEDNESDAY, 7:15, room 113.

### GRADUATE COURSES

Psy 501. **Research.** Three terms, hours to be arranged.

Dr. Hulin.

Original work on a special problem of an advanced nature.

Psy 507. **Seminar in Psychology.** Three terms, hours to be arranged.

Dr. Hulin.

## PUBLIC SPEAKING

ASSISTANT PROFESSOR COLLIER, ASSISTANT PROFESSOR ROBERTS, MR. HARGIS, MISS JENKS, MR. POTWIN, MR. MATSON

### LOWER DIVISION COURSES

Eng 130p, 131p. **Extempore Speaking.** Fall and winter terms, 2 hours each term.

Study of the elements of extemporaneous speeches: voice training; bodily action; sense of communication; selection of subject; organization of material; principles of effective wording. Ample practice in the construction and delivery of original speeches. Intended to develop the direct, conversational style of speaking. Mr. Potwin.

TUESDAY, 7:15, room 203.

Eng 133p, 134p, 135p. **Fundamentals of Public Speaking.** Three terms, 2 hours each term.

The study and practice of fundamentals: action, voice, diction, selection of subjects, outlining, organization. Speeches by students coordinated with text. The aim of the course is to lay the foundations for a direct, forceful way of speaking; to help the student to think and speak freely and well before an audience. Assistant Professor Collier.

MONDAY, 7:15, room 103.

Eng 141p, 142p, 143p. **Voice and Diction.** Three terms, 2 hours each term.

The principles and practice of voice development, correct breathing, tone quality, resonance, flexibility and support. A study and practice of phonetic principles and the development of ease and clarity in enunciation. Mr. Matson.

Section 1, WEDNESDAY, 7:15, room 202.

Section 2 (*fall and winter terms only*), MONDAY, 7:15, room 202.

Eng 144p. **Choral Reading.** Winter term, 2 hours.

Group reading of poetry and rhythmic prose for choral effects. Aims: to quicken the individual's appreciation and enjoyment of poetry, to increase his powers in oral interpretation, and to improve the speaking voice. Speech in the classroom: discussion of the importance and use of speech in the classroom. Practical suggestions on how to improve the speech of the teacher and the child. Individual voice work. Miss Jenks.

FRIDAY, 7:15, room 203.

Sp 234p, 235p. **Radio Speech and Script Writing.** Fall and winter terms, 2 hours each term.

Voice and diction as they pertain to speaking over the radio; preparation of the radio speech and continuity; program building; studio technique; radio regulations. Practice before the microphone in the broadcasting of dramatic and other types of material over KOAC. Exercises in practical program planning and the development of idea material; adapting for radio plays; manuscript preparation and marketing. Assistant Professor Roberts.

THURSDAY, 7:15, room 111.

### UPPER DIVISION COURSES

Eng 325p, 326p. **Public Speaking for Business and Professional Men and Women.** Fall and winter terms, 2 hours each term.

A practical course with emphasis on actual speaking. Poise on the floor; improvement of diction and voice; organization of speech material and presentation in direct conversational style. Persuasion in speaking. Sales talks. Adjustment to groups and audiences. Study of motives that impel men to action, and ways of reaching these motives. Methods of securing favorable attention. No text will be required in this course, but a small fee will be charged for mimeographed material.

Section 1, Assistant Professor Collier. THURSDAY, 7:15, room 104.

Section 2, Mr. Potwin. THURSDAY, 7:15, room 105.

Eng 333p. **Conduct of Group Discussion.** Spring term, 2 hours. Continuation of Eng 325p, 326p.

A course in conducting various types of group discussions. The board meeting, the business conference, the round table, reports, the open forum,

and the panel discussion, will be taken as types for classroom projects in which all members of the class will participate. Methods for the chairman will be emphasized. The class will analyze and discuss current and practical questions. Assistant Professor Collier.

THURSDAY, 7:15, room 104.

Eng 486, 487, 488. **Speech Pathology.** Fall and winter terms, 2 hours each term.

The theory of speech defects and methods of correction. Analysis of clinical procedure. Speech psychology and voice science, in relation to problems of correcting articulatory defects. Nervous speech disorders: stammering, stuttering, hesitation, cluttering. Diagnostic and therapeutic techniques. Teacher education in corrective methods for use in public schools. One-hour weekly observation required in the Saturday morning clinic as part of the regular class work. *Laboratory fee \$2.* Mr. Hargis.

FRIDAY, 7:15, room 202.

Eng 489, 490, 491. **Speech Clinical Practice.** Fall and winter terms, 1 hour each term.

Students will handle clinical cases and gain experience in the application of theories and methods of speech therapy. Limited registration by the consent of the instructor. Those enrolled for separate credit in this clinic will participate as cadet clinicians and must have had as prerequisites Psy 201, 202, 203 or Ed 355s in the Portland Summer Session, or Eng 486, 487, 488, or the equivalent. Enrollment limited to 18. *Laboratory fee \$2.* Mr. Hargis.

SATURDAY, 9:15, Library hall, Central library.

## SOCIOLOGY

PROFESSOR GOLDENWEISER

### LOWER DIVISION COURSES

Soc 201p, 202p. **Elements of Sociology.** Three terms, 2 hours each term.

An introduction to the social scene and the sciences of society.

*Fall term:* Man and animal, society and culture, the basic factors of social life, such as association, co-operation, division of labor, leadership, conflict, mass and class.

*Winter term:* The principal forms of social grouping, such as locality, family, kinship, secret society, club, gang, village, town, nation. Factors of group formation and perpetuation: "birds of a feather flock together," common residence, blood, status, occupation, the role of tradition and compulsion, rituals and dogmas, education and propaganda.

*Spring term:* The relations of sociology to biology, psychology, anthropology, history, economics, and political science, sociology and social work. The role of the sociologist in the modern scene, with special reference to education. Professor Goldenweiser.

FRIDAY, 7:15, room 112.

Soc 454p, 455p, 456p. **History of Social Control.** (G) Three terms, 2 hours each term.

We are living in the midst of a great transition. In the past, social affairs were permitted, by and large, to take their own course. Today we are awakening to the necessity of planning our objectives and controlling the processes of society aimed at their realization. The purpose of this course is to introduce the student to the history of social control, from its dimmest beginnings in antiquity to the present organized efforts. *Fall term:* The unplanned society of the primitives and the social schemes of the Greeks and Romans. *Winter term:* The utopians from Plato to Moore and Bellamy. The communistic schemes of the early 19th century. The theory of social evolution as an optimistic philosophy of acceptance. Marxism, revolutionary and evolutionary. *Spring term:* Social attitudes following the World War. Communistic and Fascistic dictatorships. The New Deal. Problems of progressive democracy. The social role of education.

THURSDAY, 7:15, room 112.

### GRADUATE COURSES

Soc 501. **Social Research.** Three terms, hours to be arranged.

Soc 505. **Reading and Conference.** Three terms, hours to be arranged.

## SPANISH

PROFESSOR YOUNG

NOTE: Two years of a two-hour Portland Center language course, or twelve hours, is the equivalent of one year of college language at the University and the College.

### LOWER DIVISION COURSES

RL 11, 12a. **First Course in Spanish.** Three terms, 2 hours each term.

The rudiments of the Spanish language. Pronunciation and the fundamental rules of syntax will be taught by means of oral drill and written exercises. The reading of a simple text will furnish the basis of conversation.

FRIDAY, 7:15, room 205.

RL 12b, 13. **Second Course in Spanish.** Three terms, 2 hours each term.

A rapid review of grammar, advanced work in syntax, writing of short essays, and reading of typical works by modern authors. Conversational exercises will be based upon easy Spanish narrative prose. The work will be conducted as far as possible in Spanish.

TUESDAY, 7:15, room 205.

## ZOOLOGY

ASSISTANT PROFESSOR GORDON, DR. TAYLOR

Z 201, 202, 203. **General Zoology.** Three terms, 3 hours each term.

An introductory course dealing with the principles of animal biology. *First term:* The fundamental concepts of structure and function of the animal body in terms of metabolism, growth, reproduction, and response

to stimuli. Protoplasm, the cell as the basis of animal organization, and comparison of the organ systems in some of the lower animals from the functional point of view, are the chief topics considered. In the laboratory the amoeba and other protozoa are studied, followed by the hydra and various coelenterates. The flat worm and the earthworm are studied with especial reference to specialization of body parts. *Second term:* Continuation of the work of the first term, in which the higher types of invertebrates are considered and the vertebrates are studied. Germ cells, embryology, and tissues are considered. In the laboratory the salamander and several higher invertebrates are dissected, and especial emphasis is placed on vertebrate structure. The early stages of development of the frog are studied. *Third term:* The topics of heredity, eugenics, the principles of Mendelism, and the chief theories of organic evolution, together with the main lines of evidence for the latter are presented. In the laboratory the later stages of development of the frog and the most instructive states in the development of the chick are studied. *Laboratory fee, \$3 each term.* Assistant Professor Gordon.

Lecture, TUESDAY, 7:15, room 317.

Laboratory, THURSDAY, 7:15, room 316.

#### UPPER DIVISION COURSES

#### Z 314p. Evolution and Heredity. Fall term, 2 hours.

A critical presentation of evidences of evolutionary development in plants and animals with special reference to Oregon mammals and to man; the growth of evolutionary thought with discussion of recent scholarly opinions. Dr. Taylor.

THURSDAY, 7:15, room 202.

#### Z 315p. Genetics. Winter term, 2 hours.

A study of heredity and variation in plants and animals. Special emphasis on such topics as heredity versus environment, inheritance of acquired characteristics, the glands of internal secretion and development, Mendelian principles of heredity, newer developments in heredity, and heredity in man. Dr. Taylor.

THURSDAY, 7:15, room 202.

## Schedule of Classes

### LINCOLN HIGH SCHOOL

(S. W. Park and Market Streets)

MONDAY, 7:15 P. M.

Course	Instructor	Room
<b>ART</b>		
AA 166p. Design Technique (fall term)	Halvorsen	301
AA 240p, 341p. Design and Color (winter and spring terms)	Halvorsen	301
<b>BACTERIOLOGY</b>		
Bac 348p, 349p. Bacteriology and Communicable Diseases (fall and winter terms)	Sears	317
Bac 350p. Public Health (spring term)	Sears	317
<b>BUSINESS ADMINISTRATION</b>		
BA 111p, 112p-a, Constructive Accounting I	Janney	106
BA 482p. Real Estate: Appraisals (fall term)	Holbrook	104
<b>EDUCATION</b>		
Ed 461p. Liberalism and Modern Education (fall term)	Almack	114
Ed 464p. Remedial Reading (fall and winter terms)	Montgomery	105
Ed 466p. Diagnostic and Remedial Techniques (spring term)	Montgomery	105
<b>ENGLISH</b>		
Eng 117p, 118p, 119p. Good Usage in Speech and Writing	Culver	113
Eng 141p, 142p, 143p. Voice and Diction (fall and winter terms)	Matson	202
<b>FRENCH</b>		
RL 5b, 6. Fourth Course in French	Beattie	116
<b>GEOGRAPHY</b>		
Geo 814p. Regional Geography: Geography of the Oceans (fall term)	Stovall	107
Geo 815p. Climatology (winter term)	Stovall	107
<b>GERMAN</b>		
Ger 1, 2a. First Course in German	Spaulding	203
<b>HISTORY</b>		
Hst 341p-a. Modern Europe (fall term)	Ganoe	111
Hst 341p-b, 342p-a. Modern Europe (winter term)	Ganoe	111
Hst 342p-b. Modern Europe (spring term)	Ganoe	111
<b>HOME ECONOMICS</b>		
CT 250p. Textiles (fall term)	Morehouse	108
CT 311p. Costume Design (winter term)	Morehouse	108
CT 431p. House Furnishing (spring term)	Morehouse	108
<b>MUSIC</b>		
Mus 127p, 128p, 129p. Fundamentals of Musicianship	Campbell	115
<b>PHYSICAL EDUCATION</b>		
PE 380p, 381p, 382p. Rhythm for Elementary Grades	Lensch	Gym
<b>PHYSICS</b>		
Ph 361p, 362p. Photography (fall and winter terms)	Reid	204
<b>PSYCHIATRY</b>		
Ps 206p. Child Psychiatry (fall and winter terms)	Hutchens	112
<b>PSYCHOLOGY</b>		
Psy 201, 202, 203. General Psychology	Hulin	
<b>PUBLIC SPEAKING</b>		
Eng 138p, 134p, 135p. Fundamentals of Public Speaking	Collier	103
Eng 141p, 142p, 143p. Voice and Diction (fall and winter terms)	Matson	202

TUESDAY, 7:15 P. M.

<b>ANTHROPOLOGY</b>		
Anth 345, 346, 347. The American Indian	Goldenweiser	112
<b>ART</b>		
AA 376p. Art Appreciation—Educational Value of Pictures (fall term)	Wuest	301
AA 377p. Art Appreciation—Impressionism (winter term)	Wuest	301
AA 378p. Art Appreciation—The Modern Movement (spring term)	Wuest	301
<b>BUSINESS ADMINISTRATION</b>		
BA 436p. Merchandising (fall and winter terms)	Comish	113
BA 442p. Salesmanship (spring term)	Comish	113

Course	Instructor	Room
BA 490, 491, 492. Advanced Accounting Theory and Practice	Janney	106
<b>EDUCATION</b>		
Ed 311. Secondary Education (fall and winter terms)	Almack and Beattie	114
Ed 316. Oregon School Law and Oregon System of Education (spring term)	Beattie	114
Ed 407p. Seminar in Guidance (spring term)	Salser	104
Ed 486p. Current Occupational Trends (fall term)	Salser	104
Ed 487p. Counseling (winter term)	Salser	104
Ed 507p. Seminar in Guidance (spring term)	Salser	104
<b>ENGLISH</b>		
Eng 114p, 115p, 116p. Vocabulary Building	Collier	103
Eng 220p, 221p, 222p. Creative Writing	Culver	106
Eng 447p, 448p, 449p. Seventeenth-Century Literature	Parsons	107
<b>FRENCH</b>		
RL 1, 2a. First Course in French	Beattie	116
<b>GENERAL HORTICULTURE</b>		
Hrt 111p. Elements of Horticulture: Home Gardening (winter term)	Bouquet	111
<b>GERMAN</b>		
Ger 2b, 3. Second Course in German	Spaulding	108
<b>HISTORY</b>		
Hst 378p. History of Oregon: Historical Places (fall term)	Spooner	111
<b>JOURNALISM</b>		
J 210p, 211p, 212p. Journalistic Writing	Turnbull	202
<b>MECHANICAL ENGINEERING</b>		
ME 461p. Heating and Air Conditioning (fall term)	Taylor	204
<b>PHYSICAL EDUCATION</b>		
PE 352p. Fencing		Gym
<b>PSYCHOLOGY</b>		
Psy 201, 202, 203. General Psychology	Caldwell and Hulin	110
<b>PUBLIC SPEAKING</b>		
Eng 130p, 131p. Extempore Speaking (fall and winter terms)	Potwin	208
<b>SPANISH</b>		
RL 12b, 13. Second Course in Spanish	Young	205
<b>ZOOLOGY</b>		
Z 201, 202, 203. General Zoology (lecture)	Gordon	317

## WEDNESDAY, 7:15 P. M.

<b>BUSINESS ADMINISTRATION</b>		
BA 111p, 112p-a. Constructive Accounting I (fall term only)	Rubey	105
BA 112p-b, 113p. Constructive Accounting II	Stillman	203
BA 439p, 440p, 441p. Advertising	Kuhn	205
BA 468p. Basic Course in Real Estate (fall term)	Berelson	110
BA 458, 454, 455. Accounting Theory and Practice	Janney	106
<b>EDUCATION</b>		
Ed 457p. Social Education: Teacher Personnel Problems (fall term)	Almack	114
<b>ENGLISH</b>		
Eng 101, 102, 103. Survey of English Literature	Parsons	107
Eng 111, 112, 113. English Composition	Culver	104
Eng 474p, 475p, 476p. English in Business and the Professions	Collier	103
<b>FRENCH</b>		
RL 2b, 3. Second Course in French	Beattie	116
<b>GERMAN</b>		
Ger 4, 5a. Third Course in German	Spaulding	108
<b>HISTORY</b>		
Hst 414p, 415p. European Thought and Culture (winter and spring terms)	Goldenweiser	112
Hst 457. Recent Russia: Revolution and the Soviet Union (fall term)	Goldenweiser	112
<b>MATHEMATICS</b>		
Mth 101. Unified Mathematics (fall and winter terms)	Price	204
Mth 102a. Unified Mathematics (spring term)	Price	204
<b>MUSIC</b>		
Mus 308p. Bach (fall term)	Campbell	115
Mus 309p. Beethoven (winter term)	Campbell	115
Mus 310p. Wagner (spring term)	Campbell	115
<b>PHYSICAL EDUCATION</b>		
PE 431p. Technique of the Dance (fall and winter terms)	Lensch	Gym

Course	Instructor	Room
<b>POLITICAL SCIENCE</b>		
PS 202p. American State Governments (fall term)	Barthell	111
PS 342p, 343p. Problems of Public Administration and Finance (fall and winter terms)	Barthell	111
<b>PSYCHOLOGY</b>		
Psy 421p, 422p, 423p. Contemporary Psychology	Hulin	113
<b>PUBLIC SPEAKING</b>		
Eng 141p, 142p, 143p. Voice and Diction	Matson	202

## THURSDAY, 7:15 P. M.

<b>ART</b>		
AA 311p. Domestic Architecture	Doty	205
<b>BUSINESS ADMINISTRATION</b>		
BA 111p, 112p-a. Constructive Accounting I	Stillman	203
BA 112p-b, 113p. Constructive Accounting II	Janney	106
BA 401p. Research: Advanced Income Tax Procedure (fall term)	Davidson	204
BA 416p. Business Law: Common Law Principles, Courts and Contracts (fall term)	Hilton	103
BA 417p. Business Law: Sales and Bailments (winter term)	Hilton	103
BA 418p. Business Law: Agency Corporations, Partnership (spring term)	Hilton	103
<b>EDUCATION</b>		
Ed 441p. Psychology of Childhood (fall term)	Martin	113
Ed 462p. The Problem Child: Delinquency (spring term)	Martin	113
Ed 468p. Teaching of Physically Handicapped Children (winter term)	Martin	113
<b>ENGLISH</b>		
Eng 213p, 214p, 215p. The Short Story	Hull	115
Eng 507p. Seminar	Parsons	107
<b>ENTOMOLOGY</b>		
Ent 235p. The Habits and Management of Honey Bees (spring term)	Scullen	206
<b>FRENCH</b>		
RL 311p, 312p, 313p. French Literature: Twentieth Century Authors	Beattie	116
<b>GERMAN</b>		
Ger 5b, 6. Fourth Course in German	Spaulding	108
<b>GEOLOGY</b>		
G 201p, 202p. General Geology	Hodge	110
G 340p. Elements of Paleontology (spring term)	Packard	202
<b>NUTRITION</b>		
Nur 327p. Human Nutrition	Manville	114
<b>PHYSICAL EDUCATION</b>		
PE 352p. Fencing		Gym
<b>PUBLIC SPEAKING</b>		
Sp 234p, 235p. Radio Speech and Script Writing (fall and winter terms)	Roberts	111
Eng 325p, 326p. Public Speaking for Business and Professional Men and Women (fall and winter terms)	Collier	104
Eng 325p, 326p. Public Speaking for Business and Professional Men and Women (fall term)	Potwin	105
Eng 333p. Conduct of Group Discussion (spring term)	Collier	104
<b>SOCIOLOGY</b>		
Soc 454p, 455p, 456p. History of Social Control	Goldenweiser	112
<b>ZOOLOGY</b>		
Z 201, 202, 203. General Zoology (laboratory)	Gordon	316
Z 314p. Evolution and Heredity (fall term)	Taylor	202
Z 315p. Genetics (winter term)	Taylor	202

## FRIDAY, 7:15 P. M.

<b>ART</b>		
AA 211p, 212p. Art Structure (fall and winter terms)		
<b>BUSINESS ADMINISTRATION</b>		
BA 423p. Office Organization and Management (spring term)	Hinshaw	301
BA 437p. Retail Credit Management (fall and winter terms)	Owen	108
BA 487p. Auditing (fall term)	Owen	108
BA 496p, 497p. Federal and State of Oregon Taxation (winter and spring terms)	Janney	106
	Janney	106

Course	Instructor	Room
<b>ECONOMICS</b>		
Ec 441p. International Economic Policies (spring term)....	Morris	110
Ec 446p. Economic Problems of the Pacific (fall and winter terms).....	Morris	110
<b>EDUCATION</b>		
Ed 424p. 425p. Problems in Curriculum Construction.....	Bossing	118
Ed 385p. Creative Education: Industrial Arts Activities for the Primary Grades (fall and winter terms).....	Norton	114
Ed 511p. Modern Educational Principles and Problems (fall and winter terms).....	Huffaker	105
Ed 561. Advanced Educational Psychology (spring term).....	Huffaker	105
<b>ENGLISH</b>		
Eng 111, 112, 118. English Composition.....	Collier	108
Eng 201, 202, 203. Shakespeare.....	Parsons	107
AL 462p, 463p, 464p. The Psychological Novel Since 1890.....	Smith	115
<b>FRENCH</b>		
RL 4, 5a. Third Course in French.....	Beattie	116
<b>HISTORY</b>		
Hst 871p-a. History of the United States, 1728-1829 (fall term).....	Clark, D. E.	111
Hst 871p-b, 872p-a. History of the United States, 1829-1865 (winter term).....	Clark, D. E.	111
Hst 872p-b. History of the United States, 1865-1898 (spring term).....	Clark, D. E.	111
Hst 877p. History of Oregon (winter term).....	Clark, R. C.	104
<b>LANDSCAPE ARCHITECTURE</b>		
LA 179p. Landscape Architecture (fall and winter terms).....	Peck	317
<b>PHYSICAL EDUCATION</b>		
PE 341p, 342p, 343p. Physical Education Theory.....	Washke	204
<b>PUBLIC SPEAKING</b>		
Eng 144p. Choral Reading (winter term).....	Jenks	208
Eng 486, 487, 488. Speech Pathology (fall and winter terms).....	Hargis	202
<b>SOCIOLOGY</b>		
Soc 201, 202. Elements of Sociology.....	Goldenweiser	112
<b>SPANISH</b>		
RL 11, 12a. First Course in Spanish.....	Young	205

**CENTRAL LIBRARY**

MONDAY, 4:15 P. M.

Course	Instructor	Room
<b>EDUCATION</b>		
Ed 812. Educational Psychology (fall and winter terms).....	Montgomery	E
Ed 468p. Hygiene of Learning (spring term).....	Montgomery	E
<b>DRAMA</b>		
Sp 247p. Children's Theatre: Story Telling and Production (fall term).....	Bridges	B
Sp 248p. Children's Theatre: Creative Drama and Pageantry (winter term).....	Bridges	B
Sp 249p. Children's Theatre: Dramatic Workshop (spring term).....	Bridges	B
<b>HISTORY</b>		
Hst 481p. The Renaissance (fall term).....	Ganoe	F
Hst 482p. The Reformation (winter term).....	Ganoe	F
Hst 483p. The Age of Louis XIV (spring term).....	Ganoe	F

TUESDAY, 4:15 P. M.

Course	Instructor	Room
<b>EDUCATION</b>		
Ed 818. Principles of Teaching (winter and spring terms).....	Beattie	D
<b>PHYSICAL EDUCATION</b>		
PE 361, 362. School Health Education.....	Logan	B

WEDNESDAY, 4:15 P. M.

Course	Instructor	Room
<b>EDUCATION</b>		
Ed 472p. Basic Course in School Administration Organization (fall term).....	Almack	B
<b>FRENCH</b>		
RL 814p, 815p, 816p. French Composition and Conversation.....	Beattie	D

Course	Instructor	Room
<b>MATHEMATICS</b>		
Mth 406p. Advanced Studies: Theory of Numbers.....	Price	E
Mth 413p. Advanced Analytical Geometry.....	Price	E
THURSDAY, 4:15 P. M.		
<b>ENGLISH</b>		
Eng 317. Versification (fall term).....	Parsons	C
Eng 812p, 813p. Advanced Short Story (winter and spring terms).....	Parsons	C
FRIDAY, 4:15 P. M.		
<b>ECONOMICS</b>		
Ec 201, 202, 203. Principles of Economics.....	Morris	F
SATURDAY, 9:15 A. M.		
<b>ECONOMICS</b>		
Ec 505. Reading and Conference.....	Morris	F
<b>EDUCATION</b>		
Ed 498p. Observation of Activities (fall term).....	Norton	B
Ed 508. Thesis.....	Huffaker	G
Ed 507. Education Seminar.....	Huffaker	G
<b>ENGLISH</b>		
Eng 371p, 372p, 373p. Main Tendencies in Contemporary Literature.....	Parsons	C
Eng 507. Seminar in Special Authors.....	Smith	H
<b>GERMAN</b>		
Ger 407. German Seminar.....	Spaulding	D
Ger 507. German Seminar.....	Spaulding	D
<b>HISTORY</b>		
Hst 460, 461. History of Civilization in the United States (winter and spring terms).....	Clark, D. E.	E
<b>PUBLIC SPEAKING</b>		
Eng 489, 490, 491. Speech Clinical Practice (fall and winter terms).....	Hargis	Library Hall

**6TH FLOOR, KRAEMER BUILDING**

(206 S. W. Washington Street)

PROFESSOR HINSHAW

MONDAY

Course	Instructor	Time
<b>ART</b>		
AA 144p, 145p, 146p. Constructive Freehand Drawing.....		4:00 P. M.
AA 390p. Painting.....		2:00 P. M.
AA 392p. Head and Figure Drawing.....		7:15 P. M.
AA 490p. Advanced Painting.....		2:00 P. M.

TUESDAY

<b>ART</b>	AA 378p. Costume Figure Sketch (spring term).....	7:15 P. M.
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WEDNESDAY

<b>ART</b>	AA 144p, 145p, 146p. Constructive Freehand Drawing.....	7:15 P. M.
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THURSDAY

<b>ART</b>	AA 292p. Creative Composition.....	4:00 P. M.
	AA 390p. Painting.....	2:00 P. M.
	AA 392p. Head and Figure Drawing.....	7:15 P. M.
	AA 490p. Advanced Painting.....	2:00 P. M.
<b>EDUCATION</b>	Ed 488p. Observation of Activities (winter term).....	Norton 9:15 A. M.



## PORTLAND CIVIC THEATRE

(4 Northwest 23rd Avenue)

## MONDAY

	Course	Instructor	Room	
DRAMA	Eng 347p, 348p, 349p. Blue Room Players.....			7:00 P. M.

## THURSDAY

DRAMA	Eng 341p, 342p-a Technique of Acting (Beginning).....			8:00 P. M.
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## FRIDAY

DRAMA	Eng 244p. Theatre Workshop (fall term).....	Reynolds		7:00 P. M.
	Eng 245p, 246p. Theatre Workshop (winter and spring terms).....			7:00 P. M.
	Eng 342p-b, 343p. Technique of Acting (Advanced).....			8:00 P. M.

## 3RD FLOOR MEDICAL SCHOOL

THURSDAY, 7:15 P. M.

BACTERIOLOGY	Bac 351p. General Microbiology Laboratory.....	Sullivan	Bacteriology Laboratory
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FRIDAY, 7:15 P. M.

BACTERIOLOGY	Bac 352p. Communicable Diseases Laboratory.....	Sullivan	Bacteriology Laboratory
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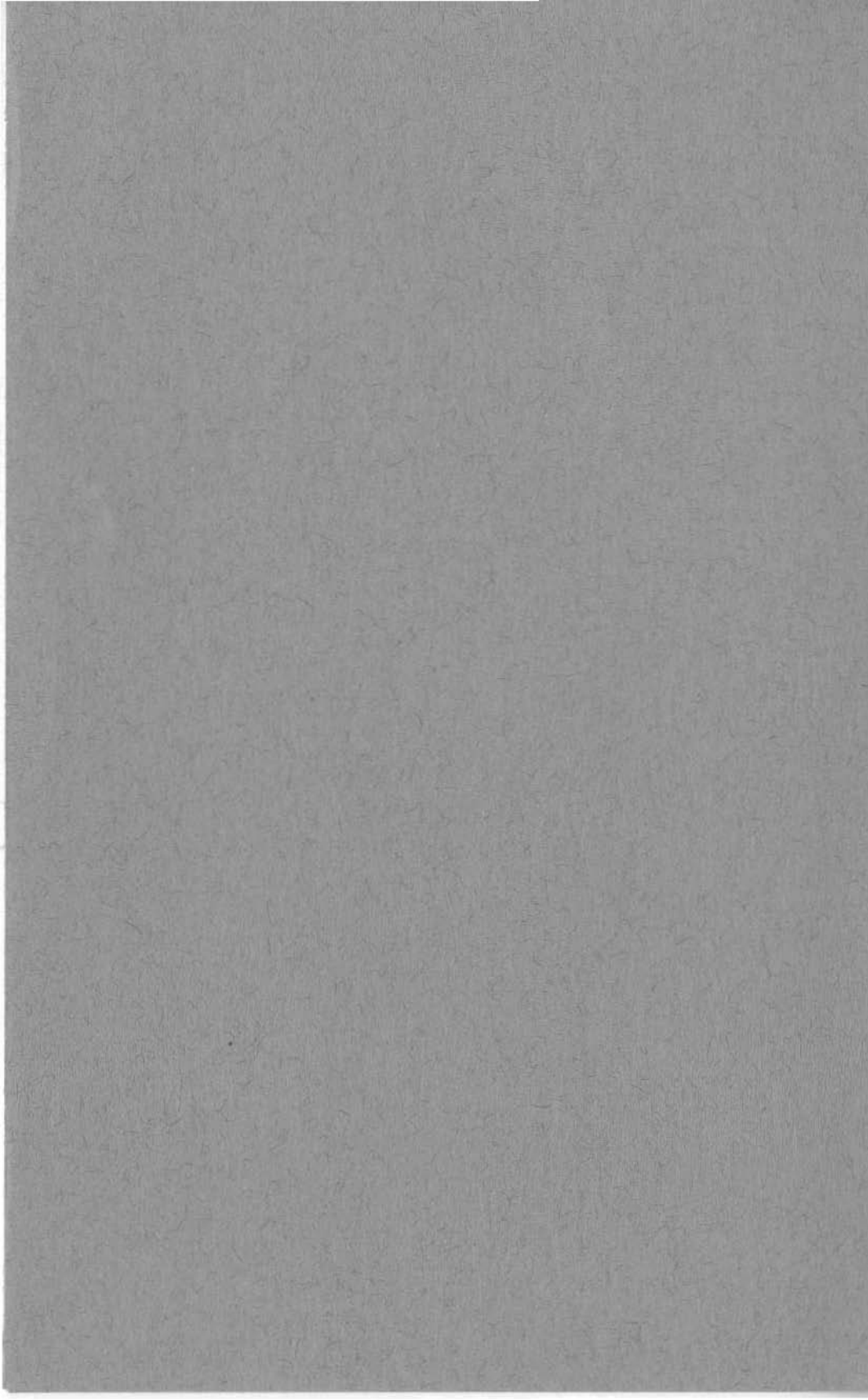
## Correspondence Courses

Through the General Extension Division, the following correspondence courses are available to adults anywhere in Oregon who are not able to attend the classes given by the Oregon State System of Higher Education on the campuses or in extension. Credit earned in correspondence courses may be counted toward graduation from the University of Oregon, Oregon State College, and the Oregon normal schools.

- ART—FREEHAND DRAWING**  
**ASTRONOMY**  
**BIOLOGY**  
 Bird Study  
 Biological Science Survey  
**BOTANY**  
 Plant Biology  
 Systematic Botany  
 Advanced Systematic Botany  
 Shrubs and Trees  
**BUSINESS ADMINISTRATION**  
 Constructive Accounting  
 Business Law  
 General Advertising  
 Problems in Distribution  
**DRAWING**  
 Mechanical Drawing  
 Stresses  
 Advanced Graphic Statics  
 Elementary Structural Design  
**ECONOMICS**  
 Economic History  
 Principles of Economics  
 Outline of Economics  
 Money, Banking and Economic Crises  
 Economics of Business Organization  
 Economic Problems: Economics of the Recovery Program  
**EDUCATION**  
 Modern Methods of Teaching in the Upper Grades and High School  
 Character Education  
 Curriculum Construction  
 History of Modern Education  
 Problems of the Classroom  
 Child Study  
 Supervision of Instruction  
 Educational Sociology  
 The Child and His Learning  
 Mental Hygiene  
 Psychology of Adolescence  
 Measurement in Secondary Education  
 Introduction to Education  
**WRITTEN ENGLISH**  
 Exposition, Narration and Argument  
 Principles of Good Writing  
 Advanced Writing  
 Magazine Writing  
 Introduction to Short Story Writing  
 Short Story Writing  
 Advanced Short Story Writing  
 Prose Manuscript  
 Versification  
 Book and Play Reviewing  
 Business English  
 Methods in Grammar School English  
 English for High School Teachers  
 Review Course in English Grammar  
**GEOLOGY**  
 Geology I  
 Historical Geology  
**GEOGRAPHY**  
 General Geography, Parts I, II, III  
 Physical Geography  
**HEALTH EDUCATION**  
**HISTORY**  
 Oregon History  
 English History  
 Modern Europe  
 History of the United States  
 Twentieth Century Europe  
**HOME ECONOMICS**  
 Household Management  
 Child Development  
 Clothing Selection  
 Food Purchasing  
 Principles of Dietetics  
 House Furnishing
- JOURNALISM**  
 Elementary News Writing  
 Newswriting for Publicity Chairmen  
 Feature Writing  
**LATIN**  
 Beginning Latin and Caesar  
 Latin Literature: Horace  
**LITERATURE**  
 Early American Literature  
 Recent American Literature  
 American Literature Survey  
 19th Century American Novel  
 Survey of English Literature  
 Contemporary American Novel  
 Contemporary English Novelists  
 20th Century Literature  
 Children's Literature  
 Shakespeare  
 Socially Significant Literature  
 English Novel of the 19th Century  
 English and American Poetry  
 Living Writers  
**MATHEMATICS**  
 Intermediate Algebra  
 College Algebra  
 Plane Trigonometry  
 Analytical Geometry  
 Elementary Analysis  
 Differential Calculus  
 Integral Calculus  
 Unified Mathematics  
 Mathematics of Finance  
 Differential Equations  
 Elements of Statistics  
**MODERN LANGUAGES**  
 First Year French  
 Second Year French  
 First Year German  
 Second Year German  
 First Year Spanish  
 Second Year Spanish  
**PHYSICS**  
 College Physics  
 History and Teaching of Physics  
 Meteorology  
**PHYSIOLOGY**  
 Elementary Physiology  
**POLITICAL SCIENCE**  
 National Government  
 State and Local Government  
**PSYCHOLOGY**  
 Beginner's Psychology  
 Elementary General Psychology  
 Abnormal and Borderline Psychology  
 Genetic Psychology  
 Applied Psychology  
**SOCIOLOGY**  
 Introduction to Sociology  
 General Sociology  
 Modern Social Problems  
 Criminology  
 Matrimonial Institutions  
 Community Problems  
**ENTRANCE COURSES**  
 Introductory Accounting  
 Civics  
 American History  
 World History  
 Entrance English I to VIII  
 Entrance English Composition  
 Fundamentals of Written English  
 English Grammar and Usage  
 Elementary Algebra  
 Plane and Solid Geometry  
 Elementary Physics  
 Latin  
 Elementary Economics  
 Social Problems

For Catalog, address General Extension Division, Oregon State System of Higher Education, Eugene, Oregon





Oregon State System  
of Higher Education  
B U L L E T I N

Issued Monthly

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No. 75

September, 1938

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Entered as second-class matter December 24, 1932, at the postoffice at Eugene, Oregon, under Act of August 24, 1912, with points of additional entry at Ashland, Corvallis, La Grande, and Monmouth.

Published by  
Oregon State Board of  
Higher Education