

OREGON  
State System of  
Higher Education  
BULLETIN



Portland Extension Center  
Catalog Issue, 1947-48

Portland Oregon

**PORTLAND EXTENSION  
CENTER**

**UNIVERSITY OF OREGON  
OREGON STATE COLLEGE  
OREGON STATE COLLEGES OF EDUCATION**

**ANNOUNCEMENTS  
1947-48**

**207 EDUCATION CENTER BUILDING  
220 SOUTHWEST ALDER STREET  
PORTLAND 4, 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 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 Oregon College of Education at Monmouth, the Southern Oregon College of Education at Ashland, and the Eastern Oregon College of Education at La Grande. The University of Oregon Medical School and the University of Oregon Dental School are located in Portland.

Each of the five institutions provides the general studies fundamental to a well-rounded education. At the three colleges of education general and professional studies are combined in the teacher-training curriculum; students who do not plan to become elementary-school teachers may devote their time exclusively to lower-division studies in the liberal arts and sciences or (at Southern Oregon and Eastern Oregon colleges of education) to approved lower-division programs in semiprofessional fields.

At the University and the State College two years of un-specialized work in liberal arts and sciences are provided on a parallel basis in the Lower Division. Major curricula, both liberal and professional, are grouped on either campus in accordance with the distinctive functions of the respective institutions in the unified State System of Higher Education.

## State Board of Higher Education

|                                      | Term<br>Expires |
|--------------------------------------|-----------------|
| CHERYL S. MACNAUGHTON, Portland..... | 1948            |
| HERMAN OLIVER, John Day.....         | 1949            |
| R. E. KLEINSORGE, Silverton.....     | 1950            |
| GEORGE F. CHAMBERS, Salem.....       | 1951            |
| LEIF S. FINSETH, Dallas.....         | 1952            |
| PHIL METSCHAN, Portland.....         | 1953            |
| HENRY F. CABELL, Portland.....       | 1954            |
| EDGAR W. SMITH, Portland.....        | 1955            |
| WILLARD L. MARKS, Albany .....       | 1956            |

### OFFICERS

|                       |                |
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| WILLARD L. MARKS..... | President      |
| EDGAR W. SMITH.....   | Vice-President |

### EXECUTIVE COMMITTEE

|                  |                 |
|------------------|-----------------|
| WILLARD L. MARKS | LEIF S. FINSETH |
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—————  
PAUL C. PACKER, Chancellor

CHARLES D. BYRNE, Secretary  
—————

Office of the State Board of Higher Education  
Eugene, Oregon

## Table of Contents

|   | Page              |
|---|-------------------|
| OREGON STATE SYSTEM OF HIGHER EDUCATION.....  | 2                 |
| STATE BOARD OF HIGHER EDUCATION .....         | 3                 |
| STATE SYSTEM OFFICERS .....                   | 5                 |
| PORTLAND CENTER CALENDAR, 1947-48 .....       | 6                 |
| PORTLAND CENTER FACULTY .....                 | 7                 |
| ADMISSION .....                               | 12                |
| CREDIT REGULATIONS .....                      | 13                |
| REGISTRATION .....                            | 14                |
| FEES AND REFUNDS .....                        | 14                |
| GRADING SYSTEM .....                          | 15                |
| COURSE NUMBERING SYSTEM .....                 | 15                |
| COOPERATIVE COURSES .....                     | 15                |
| GRADUATE WORK .....                           | 16                |
| STATE-WIDE CLASSES CORRESPONDENCE STUDY ..... | 18                |
| DESCRIPTION OF COURSES .....                  | 18                |
| General Science .....                         | 18                |
| General Social Science .....                  | 18                |
| Anthropology .....                            | 19                |
| Art .....                                     | 19                |
| Art Education .....                           | 20                |
| Business Administration .....                 | 20                |
| Accounting .....                              | 20                |
| General Business Courses .....                | 21                |
| Chemistry .....                               | 23                |
| Economics .....                               | 23                |
| Education .....                               | 24                |
| In-Service Training Courses .....             | 27                |
| Engineering .....                             | 30                |
| English .....                                 | 31                |
| Literature .....                              | 31                |
| Rhetoric .....                                | 31                |
| Foreign Languages .....                       | 33                |
| Esperanto .....                               | 33                |
| French .....                                  | 33                |
| German .....                                  | 33                |
| Russian .....                                 | 34                |
| Spanish .....                                 | 34                |
| General Studies .....                         | 34                |
| Geography .....                               | 34                |
| Geology .....                                 | 35                |
| History .....                                 | 35                |
| Home Economics .....                          | 36                |
| Horticulture .....                            | 37                |
| Journalism .....                              | 37                |
| Landscape Architecture .....                  | 37                |
| Mathematics .....                             | 37                |
| Music .....                                   | 37                |
| Nursing Education .....                       | 38                |
| Physical Education .....                      | 38                |
| Physics .....                                 | 39                |
| Psychology .....                              | 39                |
| Public Health .....                           | 40                |
| Sociology .....                               | 40                |
| Speech and Drama .....                        | 41                |
| Zoology .....                                 | 42                |
| SCHEDULE OF CLASSES .....                     | 43                |
| SUBJECT INDEX .....                           | 48                |
| CORRESPONDENCE COURSES .....                  | Inside Back Cover |

## Oregon State System of Higher Education

PAUL C. PACKER, Ph.D., LL.D., Chancellor

|  |   |
|--|---|
| HARRY K. NEWBURN, Ph.D.<br>President, University of Oregon                       | AUGUST LEROY STRAND, Ph.D.<br>President, Oregon State College                 |
| DAVID W. E. BAIRD, M.D., LL.D.<br>Dean, University of Oregon Medical<br>School   | HENRY M. GUNN, Ed.D.<br>President, Oregon College of Educa-<br>tion           |
| ELMO NALL STEVENSON, Ed.D.<br>President, Southern Oregon College<br>of Education | ROBEN JOHN MAASKE, Ph.D.<br>President, Eastern Oregon College of<br>Education |
| FREDERICK MAURICE HUNTER, Ed.D., LL.D., Honorary Chancellor                      |   |

### OFFICE OF THE CHANCELLOR

|  |  |
|--|--|
| CHARLES DAVID BYRNE, Ed.D.....         | Secretary, State Board of Higher Education;<br>Assistant to the Chancellor |
| RICHARD LYLE COLLINS, M.A., C.P.A..... | Statistician and Budget Officer  |
| LYLE MORGAN NELSON, B.A.....           | Director of Information  |
| ISABEL DAVIS, B.A. ....                | Administrative Assistant   |

### BUSINESS OFFICE

|                                       |   |
|---------------------------------------|---|
| HERBERT ARNOLD BORK, M.S., C.P.A..... | Comptroller                                 |
| PAUL AUGUST WALGREN, B.B.A.....       | Assistant Comptroller                       |
| HAROLD ROWLEY, B.S.....               | Chief Accountant                            |
| WILLIAM RALPH STOVALL.....            | Assistant Accountant and Property Custodian |
| THOMAS FRANCIS ADAMS, B.S.....        | Cost Accountant                             |

### TEACHER EDUCATION

|                          |  |
|--------------------------|--|
| .....                    | Director of High-School Teacher Training |
| HENRY M. GUNN, Ed.D..... | Director of Elementary Teacher Training  |

### GENERAL EXTENSION DIVISION

|                                 |   |
|---------------------------------|---|
| JOHN FRANCIS CRAMER, D.Ed.....  | Dean and Director of General Extension  |
| HENRY EUGENE STEVENS, D.Ed..... | Assistant Director of General Extension |

### LIBRARIES

|  |                           |
|--|---------------------------|
| WILLIAM HUGH CARLSON, M.A.....             | Director of Libraries     |
| ELZIE VANCE HERBERT.....                   | Head of Orders Department |
| MARIE HULL JACKSON, B.A., B.S. in L.S..... | Head Union Cataloger      |
| JEAN ELIZABETH MEYER, M.S.....             | Assistant Union Cataloger |

### HIGH-SCHOOL RELATIONS

|   |                              |
|---|------------------------------|
| DANIEL VANDERSOLL POLING, M.S., LL.D..... | High-School Visitor Emeritus |
|---|------------------------------|

PORTLAND EXTENSION CENTER  
CALENDAR, 1947-48

Fall Term

September 22-27, Monday to Saturday.....Classes begin as scheduled  
October 4, Saturday.....Last day for payment of fees without penalty  
(before noon)  
October 11, Saturday.....Last day to add a course or to change  
from audit to credit  
November 15, Saturday.....Last day to withdraw from a course or to  
change from credit to audit  
November 27-30, Thursday to Sunday.....Thanksgiving vacation  
December 8-13, Monday to Saturday.....Final examinations

Winter Term

January 5-10, Monday to Saturday.....Classes begin as scheduled  
January 17, Saturday.....Last day for payment of fees without penalty  
(before noon)  
January 24, Saturday.....Last day to add a course or to change  
from audit to credit  
February 21, Saturday.....Last day to withdraw from a course or to  
change from credit to audit  
March 15-20, Monday to Saturday.....Final examinations

Spring Term

March 22-27, Monday to Saturday.....Classes begin as scheduled  
April 3, Saturday.....Last day for payment of fees without penalty  
(before noon)  
April 10, Saturday.....Last day to add a course or to change  
from audit to credit  
May 15, Saturday.....Last day to withdraw from a course or to change  
from credit to audit  
May 31-June 5, Monday to Saturday.....Final examinations

Summer Session

June 14, Monday.....Summer Session begins

Portland Extension Center  
OREGON STATE SYSTEM OF HIGHER EDUCATION

Faculty

PAUL C. PACKER, Ph.D., LL.D., Chancellor, Oregon State System of Higher Education.  
JOHN FRANCIS CRAMER, Ph.D., Dean and Director of General Extension Division; Director of Summer Sessions, Oregon State System of Higher Education.  
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MARGARET MORRISON SHARP, Director, Portland Extension Center.  
MAURINE WELCH CHURCHILL, Secretary, Portland Extension Center.

---

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- CLAIRE A. ARGOW, M.S., LL.B., Executive Secretary, Oregon Prison Association.
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- FLORENCE HOLMES GERKE, B.S., Instructor in Landscape Architecture, Portland Extension Center.
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 CORINNE POUTEAU, Bachelière-ès-Lettres, Alençon, Lecturer in Romance Languages, Reed College.  
 HENRY F. PRICE, Ph.D., Professor of Mathematics, Pacific University.  
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MICHELE RUSSO, Instructor in Life Drawing, Museum Art School.  
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 BEATRICE YOUNG, Ph.D., Professor of Romance Languages, Pacific University.

# The Portland Extension 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 Oregon Colleges of Education serve the people of Oregon through extension classes, short courses, correspondence study, visual instruction, radio programs, and summer sessions. General Extension activities in Portland are administered through the Portland Extension Center.

For the academic year 1947-48 the Portland Center announces 190 evening courses in 30 departments and professional schools. The work of these classes is of standard college or university grade.

The academic year is divided into three terms. For 1947-48 the dates are as follows: fall term, September 22 to December 13; winter term, January 5 to March 20; spring term, March 22 to June 5.

The office of the Portland Center is at 207 Education Center Building, 220 Southwest Alder Street. The telephone number is ATwater 2165. The office is open daily from 9:00 a.m. to 5:00 p.m. Saturday it closes at noon. Classes are held in the Lincoln High School building, 1620 Southwest Park Avenue, except where another place is indicated in the schedule.

## Admission

**S**INCE the purpose of Portland Center instruction is to serve all who wish to take the courses and who are able to profit by them, there are no formal requirements for admission, 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 file credentials with the registrar of the institution from which they expect to receive a degree. Students in the Portland Center are classified in four academic divisions:

- (1) Students formally enrolled for undergraduate credit who have satisfied the entrance requirements and have filed credentials with the registrar of one of the institutions of the Oregon State System of Higher Education.
- (2) Students who have not formally filed their credentials and are taking work for provisional credit. Such credit may be validated as regular university or college credit upon the formal admission of the student.
- (3) Those formally enrolled as graduate students, working toward master's degrees, or enrolled for credit beyond the bachelor's degree.
- (4) Students not working for credit—a considerable number of men and women taking courses for their cultural and practical value.

**Admission to First-Year Standing.** The requirements for admission to first-year or freshman standing for work toward a degree conform to the uniform entrance requirements adopted by all the higher educational institutions of Oregon.

Graduation from a standard high school, which in Oregon involves the completion of 16 units, 8 of which are required as follows: 3 units in English; 2 units in social science, comprising the state-adopted courses in United States history-civics and socio-economic problems; 1 unit in health and physical education; and 2 units selected from the fields of natural science and mathematics or of foreign language. Two units in either natural science or mathematics or 1 unit in each of these fields are acceptable, but a minimum of 2 units in a single language is required if a foreign language is selected. At Oregon State College, to be admitted to any of the four-year curricula in engineering, except industrial arts, one unit in algebra,

one-half unit in higher algebra, and one unit in geometry must be presented. A student deficient in mathematics may be admitted to a pre-engineering course for the first year, but must complete a five-year program to qualify for graduation.

**Admission with Advanced Standing.** Advanced standing is granted to students transferring from accredited institutions of collegiate rank. All applications for advanced standing must be submitted to the registrar and must be accompanied by official transcripts covering both high-school and college records.

## Credit Regulations

**R**ESIDENT credit in the University of Oregon, Oregon State College, and the Oregon Colleges of Education may be earned in Portland Center courses to the extent that these courses meet the requirements of the major schools of the University and the State College or the graduation requirements of the Colleges of Education.

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

Students desiring to work toward degrees should confer with an adviser in the Portland Center office regarding the requirements of the schools or departments in which their majors have been selected.

Before registering in the Portland Center, students should bring their statements of standing or summaries of record to an adviser in the Portland Center office, so that the most effective schedule of courses may be planned in conformance with the various curricula of the State System.

**Group Requirements.** To receive the Junior Certificate and to be admitted to upper-division standing, lower-division students must satisfy all the requirements, including the group requirements, for the certificate, as stated in the catalogs of the institutions of the State System. Courses satisfying group requirements at the University of Oregon and Oregon State College are offered in the Portland Center. Students should consult an adviser in the Portland Center office in regard to these requirements.

Upper-division transfers from other accredited institutions may already have satisfied the group requirements. Students should, however, always clear this point in advance with the registrar of the institution in which they are matriculating—by filing their transcript of credit and applying for advanced standing.

**Amount of Work.** The Portland Center limits the amount of work a student may take in any term. The amount should not exceed six term-hours for those who are employed; in no case may such students register for more than six term-hours of graduate credit. High-school graduates, veterans, and others who are able to give full time to study and who are unable, for financial or other reasons, to enroll in regular work on one of the campuses, may register for more than six term-hours.

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.



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

## Registration

**S**TUDENTS may register daily, except Saturday, from 9:00 a.m. to 5:00 p.m., and on Saturdays from 9:00 a.m. to noon, at the Portland Center office, 207 Education Center Building, 220 Southwest Alder Street. During the first two weeks of each term they may also register in the evenings, except Friday and Saturday, from 6:45 p.m. to 9:00 p.m., at Lincoln High School, 1620 Southwest Park Avenue. Fees are payable before the end of the second week of each term. The registration fees for the fall term are due not later than October 4; for the winter term, January 17; for the spring term, April 3

## Fees and Refunds

**R**EGISTRATION is not complete until all fees are paid. Checks should be drawn to the order of the Portland Extension Center. *Students are held responsible for knowledge of fees and dates of payment.*

**Registration Fee.** The registration fee for all students, regardless of academic status, is \$3.50 per credit hour; the minimum fee is \$7.00 per term.

Veterans may use the educational benefits available under the Federal and state laws for work in the Portland Extension Center courses.

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

**Late-Registration Fee.** Students who register after the second week of a term pay a late-registration fee in addition to the regular fee. During the third week the late-registration fee is 50 cents; fourth week, \$1.00; fifth week, \$1.50; sixth week, \$2.00. Registration fees may not be paid after the sixth week of a term.

**Degree Fee.** The degree fee of \$6.50 is paid to the business office of the institution granting the degree. No person will be recommended for a degree until he has paid all fees, including the degree fee.

**Examination Fee.** An examination fee of \$10.00 is paid by students not regularly registered in the Portland Extension Center who take examinations for advanced degrees or other special examinations.

**Transcript Fee.** A transcript fee of \$1.00 is charged for each transcript of credits issued after the first one, for which no charge is made.

**Registration Fee Refund.** Refund of registration fee is granted to students who are obliged for sufficient reason to withdraw from the Portland Extension Center. Written notification should be sent to the Portland Center office, stating the reason for withdrawal. Refunds are calculated from the date of notification rather than from the date class attendance ceases.

Refund of the entire fee, less \$1.00 service fee, is granted until the end of the second week of a term; during the third week, one-half of the fee, less \$1.00; during the fourth week, one-fourth of the fee less \$1.00. Refunds are not granted after the fourth week of a term, nor are refunds of less than \$1.00 granted.

If a Portland Extension Center class is officially discontinued, the registration fee is refunded in full.

## Grading System

**T**HE quality of student work is measured by a system of grades and grade points. The grading system is as follows: A (exceptional accomplishment); B (superior); C (average); D (inferior); F (failure); **INC** (incomplete); W (withdrawn.) When a course has not been completed, for reasons acceptable to the instructor, a report of INC may be made and additional time granted—but not to exceed one year.

Grade points are computed on the basis of 4 points for each term hour of A grade; 3 for B; 2 for C; 1 for D; and 0 points for F. Marks of INC and W are disregarded in the computation of points. The grade-point average (GPA) is the quotient of total points divided by total term hours in which grades are received.

## Course Numbering System

**T**HE courses in this catalog are numbered in accordance with the course numbering system of the Oregon State System of Higher Education. Lower-division (freshman and sophomore) courses are numbered from 1 to 299; upper-division (junior and senior) courses are numbered from 300 to 499; courses numbered 400 to 499 are primarily for seniors, but certain of these courses may be taken for graduate credit, in which case the course is designated (G); graduate courses are numbered from 500 to 599.

## Cooperative Courses

**A** NUMBER of courses are offered by the Portland Extension Center in cooperation with other agencies.

**Art Classes at the Portland Art Museum.** The Portland Extension Center and the Museum Art School jointly offer fifteen art courses which provide a variety of study for the beginner as well as for the advanced student. The courses carry lower-division credit. Upper-division credit may be granted when the prerequisites have been met. The registration fee is \$10.00 per term in each class. This fee does not include cost of materials unless the course description indicates that this cost is covered. The classes meet at the Portland Art Museum. The number that can be enrolled in any class is limited by the facilities of the studios. Registration for the fall term opens August 18 at the Museum Art School.

**In-Service Training Courses for Portland Teachers.** In cooperation with the Portland Public Schools, 28 courses are offered as a part of the in-service training program of the school system. These classes meet at Grant High School and are open to any qualified student. The courses carry university credit, and the fees are the same as for regular Portland Extension Center classes.

**Portland Civic Theatre Drama Courses.** The director of the Portland Civic Theatre and instructors in the Civic Theatre School teach classes in acting

for beginners and advanced students throughout the regular school year, as well as in the Portland Summer Session. Under this cooperative arrangement, the facilities of the Civic Theatre are made available to drama students in the Portland Extension Center.

## Graduate Work

**G**RADUATE work in certain fields may be taken in the Portland Extension Center, leading to degrees from the University of Oregon or Oregon State College. A student may complete all the requirements for the Master of Arts (General Studies) degree at the Portland Center. A student may also complete all of the work for the Master of Education (professional teaching degree), with the exception of a minimum of 8 term hours which must be taken in residence on the University or State College campus. In a number of fields, one-third of the work for the Master of Arts (departmental) and the Master of Science degree may be taken in Portland. Graduate work beyond the master's degree is not offered.

**Admission.** A graduate of any accredited college or university is admitted to the Graduate Division by the registrar of the institution from which he wishes to receive his master's degree, upon filing an application for admission and submitting an official transcript of his undergraduate credits. Such admission, however, does not of itself entitle a student to become a candidate for a degree.

**Qualifying Examination.** Each student working toward a master's degree is given a qualifying examination. He should arrange with the graduate adviser to take the examination before completion of one-third of the work for the degree. When the qualifying examination has been passed, the student is advanced to candidacy for the degree.

Graduates of the University of Oregon who have taken the bachelor's degree with honors in the field of the graduate major are ordinarily exempt from the qualifying examination. Graduates of Oregon State College who have maintained a grade-point average of at least 3.25 throughout their undergraduate period may be exempted from taking the qualifying examination.

**Transferred Credit.** Not more than 15 term hours can be transferred from another institution toward the master's degree. Transferred credit is provisional until the qualifying examination is taken.

**Preparation Required.** For a graduate major, the equivalent of an undergraduate major in the same subject is required. Preparation for a graduate minor must be at least a one-year sequence of upper-division work in addition to foundation courses in the subject.

**Study Program.** Graduate students beginning work toward a degree are expected to plan with the graduate adviser, in tentative form at least, a complete program of study leading toward the degree desired.

**Time Limit.** All work for a master's degree, including work for which credit is transferred, thesis, and final examination, must be completed within a period of seven years.

**Course Requirements.** Of the 45 term hours required for the Master of Arts (departmental) 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 strictly graduate courses, i.e., those numbered 500 to 599.

The student's program must include courses from at least three members of the graduate faculty, amounting to not less than 6 term hours from each.

**Grade Requirement.** An average grade of B (grade-point average, 3.00) is required for all course work for the master's degree. Grades below C are not accepted for graduate credit.

**Language Requirement.** For the Master of Arts (departmental) degree the student must show, by examination or by adequate undergraduate courses, a reading knowledge of one foreign language, preferably French or German. For the Master of Science degree there is no foreign-language requirement.

**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 in the graduate office two weeks before the final examination. This examination will be given on the campus of the institution by which the degree is to be granted.

**Registration.** To register, a graduate student obtains a blue registration card, fills it in completely, and has it signed by his instructors and adviser. The card is filed at the time the registration fee is paid.

**Master of Arts (General Studies).** The degree of Master of Arts (General Studies) is granted for study of a problem on the graduate level for which specialization in a single major field is unsuitable. All or part of the work for this degree may be taken in the Portland Extension Center.

The degree is "general" only in terms of approach through the resources of several departments, but may be intensive in terms of the subject, period, or problem studied. A program of study for the M.A. (General Studies) is usually formulated in terms of an integrated complex of courses, including study in two or more departments. A considerable variety of programs may be arranged in the Portland Center.

The purpose of the general-studies program is to adapt graduate study to the particular needs of the individual student. While there is no general language requirement, a language may be required to complete certain course complexes. The thesis requirement may be waived by the institutional committee in charge of the general-studies program, upon the recommendation of the adviser. Requirements regarding credits, grades, time limit, hours, and qualifying and final examinations are the same as for departmental degrees. A student wishing to work toward this degree should make application through the Portland Center office either before or as soon as he enters upon graduate study.

**Master of Education.** All work (except 8 term hours, which must be completed in residence on the University or State College campus), required for the Master of Education degree may be taken in the Portland Extension Center. The M.Ed. is a professional degree and teaching experience is necessary for the fulfillment of the requirements. An integrated program is planned for the prospective candidate, including work in an area of concentration related to the student's professional teaching interests or teaching fields. A thesis is not required.

General graduate regulations governing admission to the Graduate School, time limit, grades, undergraduate preparation, and qualifying and final examina-

tions apply to work toward this degree. Information and detailed instructions may be obtained at the Portland Center office.

## State-Wide Classes

Any community in Oregon may become an extension-class center if a satisfactory meeting place is provided and sufficient enrollment is guaranteed to cover the actual operating cost. Courses may be offered from those listed in the catalogs of the University of Oregon, Oregon State College, and the Colleges of Education; special adult education courses may be given, provided that they are approved by the proper academic departments and that an acceptable instructor is available. Courses are organized on the basis of academic quarters of the school year and carry credit according to the special course announcements.

The statement regarding Fees and Refunds on page 14 of this catalog also applies in its entirety to the State-Wide Classes. Address all communications to General Extension Division, Eugene, Oregon.

## Correspondence Study

Students frequently may find a schedule of correspondence courses through which to continue their programs of study. Correspondence courses, available through the General Extension Division, are listed on the inside of the back cover of this catalog.

## Description of Courses

**F**OR an explanation of the course numbering system see page 15. The hours indicated following the course title represent the term hours of credit which may be earned. The Portland Extension Center reserves the right to discontinue or combine classes, and to change instructors.

### GENERAL SCIENCE

Instructor: LANGE

LOWER-DIVISION COURSE

Sc 201, 202, 203. **Foundations of Physical Science.** 3 hours each term.

A general introductory course in the field of the physical sciences embracing cosmical relations, principles of physics and chemistry, geologic processes, and man's reaction to them. Special attention is given to the development and application of the scientific method. Wednesday, 6:45-9:25; Room 106.

### GENERAL SOCIAL SCIENCE

Instructor: SPURLOCK

LOWER-DIVISION COURSE

SSc 101, 102, 103. **Background of Social Science.** 3 hours each term.

A year-sequence furnishing the background for all social sciences and laying

a basis for understanding contemporary socio-economic problems. A factual and interpretive study of man, his culture, and his institutions; a brief survey of contemporary political, economic, and social situations and problems, with their relationship to historical periods. Challenges the analytical and critical faculties of students in preparation for more detailed studies, such as courses in economics, political science, and sociology. Wednesday, 6:45-9:25; Room 211.

## ANTHROPOLOGY

Instructor: MERZ

UPPER-DIVISION COURSE

Anth 423, 424, 425. **Peoples of the Pacific.** 3 hours each term.

Life and custom among the native groups of the islands of the South Pacific; the peoples of the Far East, including China and Japan; the inhabitants of the Aleutian Islands and Alaska. Wednesday, 6:45-9:25; Room 204.

## ART

Instructors: BUNCE, GIVLER, HALVORSEN, LITTMAN, LYNCH, McLARTY, RUNQUIST, RUSSO, RYDER, TAYLOR, VOORHIES, WILEY

The following classes are given in cooperation with the Museum Art School. The registration fee is \$10.00 per term for each class. Students register at the Museum Art School, Southwest Park Avenue at Madison Street, where the classes are held.

LOWER-DIVISION COURSES

AA 114a, 114b, 114c. **Survey of Visual Arts.** 1 hour each term.

For beginners and laymen. A survey of many aspects of the arts, with discussions and practice in drawing, composition, painting, and sculpture. The aim is to increase the student's powers of observation and expression and to lead to a better understanding of the arts. McLarty, Taylor. Tuesday, 7:30-9:30. Course fee, \$1.50 in addition to registration fee.

AA 166a, 166b, 167a. **Design I.** 1 hour each term.

Study of basic art structure—elements, line, dark and light, and color. Taylor. Thursday, 7:30-9:30.

AA 290. **Lower-Division Painting.** 1 hour each term.

Problems of the individual student; instruction in the use of a variety of mediums. *Section I*, Bunce. Tuesday, 7:30-9:30. *Section II*, Wiley. Wednesday, 7:30-9:30. *Section III*, Runquist. Wednesday, 7:30-9:30. *Section IV*, McLarty. Thursday, 7:30-9:30.

AA 291. **Lower-Division Drawing.** 1 hour each term.

Emphasis on drawing from objects and the model in a variety of mediums. McLarty. Wednesday, 7:30-9:30.

AA 291. **Lower-Division Drawing (Life).** 1 hour each term.

Emphasis on drawing from models. Russo. Wednesday, 7:30-9:30.

AA 292. **Lower-Division Composition.** 1 hour each term.

Compositional drawing in black and white mediums. for students with previous training. Wiley. Wednesday, 7:30-9:30.

AA 292. **Lower-Division Composition (Lithography).** 1 hour each term.

Compositional drawing in black and white medium, with opportunity for development of drawing in lithography. Givler. Wednesday, 7:30-9:30.

- AA 293. **Elementary Sculpture.** 1 hour each term.  
Experience with modeling from the figure and from imagination, and practice in casting. Progressive series of problems in sculpture. Littman. *Section I*, Tuesday, 7:30-9:30. *Section II*, Thursday, 7:30-9:30.
- AA 296. **Lower-Division Applied Design (Ceramics).** 1 hour each term.  
Creative approach to ceramics, including knowledge of various clays, building of forms by hand, and experience with glazes. Ryder. *Section I*, Tuesday, 7:30-9:30. *Section II*, Wednesday, 7:30-9:30. *Section III*, Thursday, 7:30-9:30. Course fee, \$2.50 in addition to registration fee.
- UPPER-DIVISION COURSES
- A 313. **Commercial Design.** 1 hour each term.  
Commercial design including posters, cartoons, and book jackets. Lynch. Tuesday, 7:30-9:30.
- AA 490. **Upper-Division Painting.** 1 hour each term.  
Advanced problems in painting. Work in all mediums and on individual problems. Prerequisite: 15 hours credit in AA 290. Voorhies. Thursday, 7:30-9:30.
- AA 491. **Upper-Division Drawing (Life).** 1 hour each term.  
Advanced work in life drawing. Prerequisite: 15 hours credit in AA 291. Russo. Wednesday, 7:30-9:30.
- AA 492. **Upper-Division Composition (Lithography).** 1 hour each term.  
Advanced problems in composition. Opportunity for development of drawings in lithography and the etching process. Prerequisite: 15 hours credit in AA 292. Givler. Wednesday, 7:30-9:30.
- AA 493. **Advanced Sculpture.** 1 hour each term.  
Progressive series of problems in sculpture, including original sketches in clay from life, as well as carefully executed works in stone. Prerequisite: 15 hours credit in AA 293. Littman. Thursday, 7:30-9:30.
- AA 496. **Upper-Division Applied Design (Ceramics).** 1 hour each term.  
Advanced problems in design, with emphasis on ceramics. Prerequisite: 15 hours credit in AA 296. Ryder. Tuesday, 7:30-9:30. Course fee, \$2.50 in addition to registration fee.

### ART EDUCATION

#### UPPER-DIVISION COURSE

- AA 495. **Upper-Division Decorative Design.** 2 hours each term.  
Developing the craft program to meet individual school needs. Practical applied design in various mediums and materials which use equipment typical of the present school. Work to meet individual interests in textile crafts, ceramics, simple metal, and wood working will be studied. Halvorsen. Thursday, 7:15-9:00; Room 301.

### BUSINESS ADMINISTRATION

Professors: BALLAINE, COMISH, LOMAX. Associate Professors: CAMPBELL, COLLIER, GAGE, JANNEY, ZIEBARTH. Instructors: CONKLING, ELLE, PARKER, PATTULLO, SKELTON, STANDING, WILLIAMS, WILSON.

#### Accounting

#### LOWER-DIVISION COURSE

- BA 111, 112, 113. **Constructive Accounting.** 3 hours each term.  
Introductory course to the field of accounting. Experience or training in

bookkeeping is not prerequisite. Technique of account construction; preparation of financial statements. Application of accounting principles to practical business problems. Required of business-administration majors.

**Fall term:** BA 111, Skelton. Monday, 6:45-9:25; Room 106.  
BA 111, Skelton. Tuesday, 6:45-9:25; Room 106.  
BA 113, Parker, Thursday, 6:45-9:25; Room 106.

**Winter term:** BA 111, Parker. Thursday, 6:45-9:25; Room 106.  
BA 112, Skelton. Monday, 6:45-9:25; Room 106.  
BA 112, Skelton. Tuesday, 6:45-9:25; Room 106.

**Spring term:** BA 112, Parker. Thursday, 6:45-9:25; Room 106.  
BA 113, Skelton. Monday, 6:45-9:25; Room 106.  
BA 113, Skelton. Tuesday, 6:45-9:25; Room 106.

#### UPPER-DIVISION COURSES

- BA 420a, 420b. **C. P. A. Problems.** 2 hours each term, fall and winter terms.  
Intensive study of problems and questions asked by the examining boards of the various states and in the American Institute of Accountants examinations. Training in correct analysis and correct form, and in speed in solving problems. Wilson. Monday, 7:15-9:00; Room 105.
- BA 483, 484, 485. **Accounting Theory and Practice.** 3 hours each term.  
Presupposes a thorough knowledge of accounting from the constructive standpoint. Advanced accounting principles, functions and preparation of special statements, and ratio analysis of financial statements. Considerable attention given to problems and legal aspects of accounting in partnership and corporate forms of business organization. Prerequisite: BA 111, 112, 113 or equivalent. Janney. Monday, 6:45-9:25; Room 108.
- BA 489, 490, 491. **Advanced Accounting Theory and Practice.** 3 hours each term.  
Aims 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, detailed, continuous, cash—and special investigations are treated in detail. Prerequisite: BA 483, 484, 485 or equivalent. Janney. Tuesday, 6:45-9:25; Room 108.
- BA 492, 493. **Income-Tax Procedure.** 2 hours each term, fall and winter terms.  
Study of the income-tax laws of the United States and the State of Oregon, including regulations, treasury decisions, and other pertinent administrative rulings. The preparation of individual, partnership, and corporate returns; settlement of tax disputes. New developments in income-tax law emphasized. Pattullo. Wednesday, 7:15-9:00; Room 104.

#### General Business Courses

#### LOWER-DIVISION COURSES

- BA 222. **Elements of Finance.** 3 hours winter term.  
The financial problems of corporations. Organization of corporations; how they obtain long-term funds; management of working capital; distribution of securities. Required of business-administration majors. Prerequisite: BA 111, 112, 113 or consent of instructor. Ballaine. Thursday, 6:45-9:25; Room 314.
- BA 223. **Elements of Marketing.** 3 hours fall term.  
Methods, policies, and problems. Private and cooperative channels, auctions, exchanges, middlemen; demand creation, assembly, standardization, packag-

ing, financing, risk taking, distribution. Ballaine. Thursday, 6:45-9:25; Room 314.

## UPPER-DIVISION COURSES

- BA 323. **Office and Management.** 2 hours winter term.  
Elements of office organization, office management, office records and systems. Special study of the office manager as an executive, and his qualifications. Prerequisite: consent of instructor.
- BA 411. **Business Public Relations.** 2 hours fall term.  
Public relations of business firms; tools and techniques for determining public reactions; methods of securing good public relations. Gage. Wednesday, 7:00-8:45; Room F, Central Library.
- BA 414a, 414b. **Personnel Management.** 2 hours each term, fall and winter terms.  
Practical organization of a complete industrial and public-relations department within a company's organization structure. Outline of the major divisions of such a department and the major functions of each division, such as employment division, training, personnel research, accident prevention, labor relations, payroll administration, plant or camp protection, employee services and welfare, public relations. Williams. Monday, 7:15-9:00; Room 104.
- BA 416, 417, 418. **Business Law.** 3 hours each term.  
*Fall term:* Application of fundamental legal principles to typical business situations illustrated by selected cases. Formation, interpretation, and discharge of contracts. The law of bankruptcy, insurance, and suretyship. *Winter term:* The law of agency, negotiable instruments, real-property mortgages, landlord and tenant, and mechanics' lien law. *Spring term:* The law of personal property, sales, bailments, and chattel mortgages; the law of business organization, partnerships, corporations, unincorporated associations, business trusts, and joint-stock companies. Collier. Wednesday, 6:45-9:25; Room 203.
- BA 428, 429. **Human Relations in Supervision.** (G) 3 hours each term, winter and spring terms.  
Objectives of personnel administration and supervision. Practical problems of supervision; interviewing, counseling, building morale, leading, setting standards, checking performance, coordinating, cooperating, maintaining discipline, motivating, training and development of employees. Case studies. Prerequisite: Psy 215 or consent of instructor. *Winter term:* Standing. *Spring term:* Campbell. Thursday, 6:45-9:25; Room 309.
- BA 436a, 436b. **Retail Merchandising.** (G) 2 hours each term, fall and winter terms.  
Retail policies and problems. Stock-control systems, buying, methods of sales promotion, plant operation, personnel, credit, turnovers, pricing, expense classification and distribution. *Fall term:* Elle. *Winter term:* Comish. Friday, 7:00-8:45; Room H, Central Library.
- BA 437. **Credit Management.** (G) 3 hours spring term.  
The credit and collection problems of wholesale concerns, retail firms, and banks. The source of credit information, the use of agency reports, interpretation of financial statements; collection tools and their uses. Prerequisite: BA 222, 223 or consent of instructor. Ballaine. Thursday, 6:45-9:25; Room 314.
- BA 442. **Principles of Salesmanship.** 2 hours spring term.  
Principles and techniques of personal salesmanship; selling reactions. From the standpoints of seller and buyer. Elle. Monday, 7:15-9:00; Room 104.

- BA 450, 451. **Industrial Traffic Management.** (G) 3 hours each term, winter and spring terms.  
The organization of a traffic department; services and organization of rail, truck, and air lines; theory and application of freight rates. Ziebarth. Thursday, 6:45-9:25; Room 313.
- BA 467. **Public-Utility Management.** (G) 3 hours fall term.  
Production, distribution, and finance problems of public utilities; rates, accounting methods, flotation of securities, public relations, and consolidations. Prerequisite: consent of instructor. Conkling. Monday, 6:30-9:00; Room H, Central Library.
- BA 475, 476, 477. **Foreign-Trade Marketing.** (G) 3 hours each term.  
Export and import department organization, foreign-trade advertising, channels of distribution; marketing of world staple commodities; commercial treaties; market surveys. Prerequisite: BA 471, 472, 473 or consent of instructor. Lomax. Thursday, 6:45-9:25; Room 206.

## See also:

Ec 201, 202, 203. **Principles of Economics** (under Economics).  
Ec 425a, 425b. **Labor Problems** (under Economics).  
Ec 438a, 438b. **Government Control of Private Business** (under Economics).  
Ec 440. **International Trade** (under Economics).

Psy 215. **Industrial Psychology** (under Psychology).  
Rht 217. **Business English** (under English—Rhetoric).  
SD 221. **Public Discussion** (under Speech and Drama).  
SD 225, 226. **Public Speaking for Business and Professional Men and Women** (under Speech and Drama).

## CHEMISTRY

Assistant Professor: TODD. Instructor: BOCEK

## LOWER-DIVISION COURSE

- Ch 104, 105, 106. **General Chemistry.** 4 hours each term.

Standard first-year college chemistry. Prerequisite: adequate background in mathematics. *Lecture,* Todd. Wednesday, 6:30-8:30; Room 1, Medical School. *Laboratory,* Bocek. Thursday, 6:30-10:00; Biochemistry Laboratory, first floor, Medical School. Laboratory fee, \$4.00 each term.

## DRAMA

(See Speech and Drama)

## ECONOMICS

Professor: ELKINTON, Assistant Professor: LEIGH.  
Instructors: JONES, MATER.

## LOWER-DIVISION COURSE

- Ec 201, 202, 203. **Principles of Economics.** 3 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 movements, regulation of railways, and the control of trusts. Elkinton. Wednesday, 6:45-9:25; Room 205.

## UPPER-DIVISION COURSES

- Ec 425a, 425b. **Labor Problems.** (G) 2 hours each term, fall and winter terms.  
Conditions of labor since the industrial revolution. Trade-union policies,

strikes and lockouts; trade agreements; conciliation and arbitration. Prerequisite: Ec 201, 202, 203 or consent of instructor. Mater. Monday, 7:15-9:00; Room 205.

Ec 438a, 438b. **Government Control of Private Business.** (G) 2 hours each term, fall and winter terms.

Survey of the general movement to subject business and personal and property rights to regulation by state or Federal agencies. Prerequisite: Ec 201, 202, 203 or consent of instructor. Jones. Wednesday, 7:15-9:00; Room 110.

Ec 440. **International Trade.** (G) 3 hours fall term.

Theory of international trade; nature and effects of government interference in the form of bounties, subsidies, import and export duties; commercial policies of the more important nations. Prerequisite: Ec 201, 202, 203 or consent of instructor. Leigh. Wednesday, 6:45-9:25; Room 115.

### EDUCATION

Professors: CHAMBERS, CLINTON, CRAMER, JACOBSON, KILLGALLON, WILLIAMSON.  
Associate Professors: REID, STEVENS. Assistant Professors: BERNARD, CAUGHLAN.  
Instructors: CAMPBELL, FERRIER, HAMILTON, MASTEN, MORRIS, PARR.

Note: The four courses, Ed 472, 473, 474, 507 (Finance), provide the 12 hours required for administrative and supervisory credentials in Oregon, and are required for all majors in school administration.

#### UPPER-DIVISION COURSES

Ed 316. **Oregon School Law and System of Education.** 2 hours winter or spring term.

Analysis of the Oregon school system and of the laws on which the system is based. Problems of Oregon schools, plans proposed for their solution, and trends in educational development in the state. Campbell. Wednesday, 7:15-9:00; Room 115.

Ed 362. **Story Telling.** 2 hours winter term.

Materials, techniques; and principles underlying the presentation of poetry and stories for very young children, with actual practice under supervision in their presentation. Morris. Wednesday, 7:00-8:45; Room H, Central Library.

Ed 391. **Group Thinking.** 3 hours spring term.

Nature and method of democratic participation in the group thought life. How groups may confer in cooperative efforts to discover new roads to new and better goals. The technique of leadership in group thinking. Masten. Thursday, 6:45-9:25; Room 108.

Ed 406. **Problems in Elementary Education.** 3 hours winter term.

Designed as an elective for candidates for the bachelor's degree in elementary education. Study and investigation of selected problems in teaching, to meet needs of individual candidates. Caughlan. Monday, 6:45-9:25; Room 116.

Ed 407. **Seminar: Personality Problems.** 3 hours fall term.

Ed 407. **Seminar: Tests for High School Counseling.** 3 hours winter term.

Ed 407. **Seminar: Counseling and Case Studies.** 3 hours spring term.

See course descriptions under Graduate Courses.

Ed 431. **Construction and Use of Visual Aids.** 2 hours winter term.

Film, slide, chart, and other visual materials; selection and use to best advantage; operation of projectors and other equipment. Reid. Tuesday, 7:15-9:00; Room 115.

Ed 460. **Psychology of Childhood.** (G) 3 hours fall term.

Psychological factors in the growth and development of the child. Development of physical activities, speech, mental processes, emotional behavior, and socialized activities. Prerequisite: General Psychology. Bernard. Monday, 6:45-9:25; Room 206.

Ed 460. **Applied Mental Hygiene.** 3 hours fall term.

Application of mental hygiene principles, stressing their use and limitations in education. Opportunity is offered for the use of case-study technique. Masten. Wednesday, 6:45-9:25; Room 108.

Ed 461. **Adolescence: Growth and Development of the Individual.** (G) 3 hours winter term.

Processes through which the normal human being reaches maturity, acquires effective use of his bodily equipment and learning capacity, and makes satisfactory personal and social adjustments. Prerequisite: General Psychology. Bernard. Monday, 6:45-9:25; Room 206.

Ed 462. **Psychology of Exceptional Children.** (G) 3 hours fall term.

The slow learner, the gifted, the physically handicapped, the speech defective, the behavior problem, the nonreader, the poor speller. Prerequisite: General Psychology. Killgallon. Saturday, 9:15-11:45; Room F, Central Library.

Ed 468. **Hygiene of Learning.** (G) 3 hours spring term.

Factors and conditions which make for mental development, including those which make for disintegration as well as those which make for integration. Bernard. Monday, 6:45-9:25; Room 206.

Ed 469. **Remedial Reading in High School.** (G) 3 hours fall term.

Designed for junior and senior high-school teachers. Analysis of reading; typical reading difficulties of secondary-school children; diagnostic and remedial methods. Killgallon. Friday, 6:30-9:00; Room F, Central Library.

Ed 469. **Advanced Upper-Grade Education.** 2 hours spring term.

Planned for experienced teachers or those specializing at the upper-grade level. Evaluation of techniques and materials in relation to characteristics and needs of the adolescent pupil. Opportunity for individual and group study in chosen subject matter areas and for solution of problems growing out of teaching experience. Prerequisite: teaching experience or consent of instructor, Caughlan. Tuesday, 7:15-9:00; Room 115.

Ed 472. **Basic Course in School Organization.** (G) 3 hours fall term.

Deals with organization of both grade and high schools; emphasis on the small system with attention to town and city school systems. Prerequisite: consent of instructor. Hamilton. Thursday, 6:45-9:25; Room 108.

Ed 473. **Basic Course in School Administration.** (G) 3 hours fall term.

Relations of the principal or superintendent to the school board; school buildings and building programs; school records; pupil accounting; the teaching staff. Prerequisite: consent of instructor. Campbell. Tuesday, 6:45-9:25; Room 107.

Ed 474. **Basic Course in School Supervision.** (G) 3 hours spring term.

Purpose and plans for supervision, use of texts, diagnosis of pupil difficulty, etc., as applied to both elementary and secondary schools. Prerequisite: consent of instructor. Parr. Thursday, 6:45-9:25; Room 205.

Ed 475. **Measurement in Education.** (G) 3 hours fall term.

Construction and desirable uses of various standard tests and scales for measuring achievements in school subjects. Such elements of statistical method taught as are necessary for intelligent use of the tests. Bernard. Tuesday, 6:45-9:25; Room 205.

- Ed 481. **Alcohol Studies in the School Curriculum.** (G) 2 hours fall term.  
Scientific approach to the alcohol problem; how such information may be incorporated in the school curriculum. Physiological, psychological, sociological, and legal aspects of alcoholism. Development of teaching materials and methods. Limited enrollment. Ferrier, chairman. Wednesday, 7:15-9:00; Room 317.
- Ed 485. **Foundations of Curriculum.** (G) 3 hours fall term.  
The implications of basic social, philosophical, and psychological factors in curriculum planning and development; appraisal of the present curriculum and significant proposals for its improvement. Caughlan. Monday, 6:45-9:25; Room 116.
- Ed 492. **Social Education.** (G) 3 hours winter term.  
The structure and functioning of society as a background for the study and evaluation of education in its varied forms; the contribution of sociological principles and findings to the improvement of educational practices. Stevens. Wednesday, 6:45-9:25; Room 107.

## GRADUATE COURSES

- Ed 501. **Educational Research.** Terms and hours to be arranged.  
Supervised research by qualified graduate students. Registration by permission of the graduate adviser and of the faculty member in whose field the investigation lies.
- Ed 501. **Educational Research (Field Study).** Terms and hours to be arranged.
- Ed 505. **Reading and Conference.** Terms and hours to be arranged.  
Stevens, staff. Monday, 6:45-9:25; Room 107.
- Ed 507. **Seminar: Personality Problems.** 3 hours fall term.  
Theories in regard to individual differences; experimental evidence; importance of personal, educational, and social adjustments. Normal personality growth and problems. Prerequisite: General Psychology or consent of instructor. Chambers. Tuesday, 6:45-9:25; Room 204.
- Ed 507. **Seminar: Tests for High School Counseling.** 3 hours fall term.  
Construction and desirable uses of standard tests and scales for aiding in the guidance program. Analysis of test results and application. Prerequisite: course in educational measurement or consent of instructor. Clinton. Tuesday, 6:30-9:00; Room F, Central Library.
- Ed 507. **Seminar: Counseling and Case Studies.** 3 hours spring term.  
Study of tests, reports, student records, and other materials for facilitating the work of counseling and advising. Description, analysis, and application of principles to actual cases. Prerequisite: preceding course or consent of instructor. Williamson. Tuesday, 6:45-9:25; Room 204.
- Ed 507. **Seminar: The School Principal.** 3 hours winter term.  
Problems related to principalship, such as professional preparation, selection and status of the principal; his relation to other administrative officers; administrative problems of attendance, discipline, health, and accounting; the administration of special activities within a school; the application of experience and sound principles to the improvement of teaching. Attention given to problems presented by members of the class. Jacobson. Friday, 6:30-9:00; Room F, Central Library.
- Ed 507. **Seminar: School Finance.** 3 hours winter term.  
Study of the major problems of financing education and computing the cost of education. The problems of school revenues, the capital cost of education,

- budget making. Prerequisite: consent of instructor. Cramer. Tuesday, 6:45-9:25; Room 107.
- Ed 507. **Seminar: Language Arts in the Elementary School.** 3 hours spring term.  
Designed to provide guidance and assistance in making a survey and organizing materials related to language arts, and in developing procedures and techniques of evaluation in terms of the integrated program. Through readings, class discussions, and demonstrations, students become acquainted with each of the four areas of the language arts: reading, speaking, writing, and listening. Caughlan. Monday, 6:45-9:25; Room 116.
- Ed 507. **Seminar: Research Problems in Education.** 3 hours each term.  
Limited to graduate students working on special research problems. Various authorities in fields of adult education, school administration, curriculum planning, in-service teacher education, special education will provide leadership for the seminar. Prerequisite: consent of instructor. Stevens, staff. Tuesday; hour and place to be arranged.
- Ed 512. **Research Procedures in Education.** 3 hours fall or spring term.  
Nature and methods of research in the field of education; formulation of an individual educational problem; application of research techniques to the solution of the chosen problem. Prerequisite: consent of instructor. *Fall term:* Stevens. Wednesday, 6:45-9:25; Room 107. *Spring term:* Bernard. Tuesday, 6:45-9:25; Room 205.
- Ed 561. **Advanced Educational Psychology.** 3 hours winter term.  
Review of some modern viewpoints in educational psychology; discussion of useful experimental material. Prerequisite: graduate standing in education. Bernard. Tuesday, 6:45-9:25; Room 205.
- Ed 586. **Philosophy of Education.** 3 hours spring term.  
Study of the broad fundamental principles and problems of education, as evaluated by the various schools of philosophical thought. Stevens. Wednesday, 6:45-9:25; Room 107.

## In-Service Training Courses

Instructors: BAIN, BARR, DEAN, DEBERNARDIS, ERNST, FENN, FOREST, HALVORSEN, HENRIKSEN, HOEL, JENNE, JOHNSON, LOGAN, LONG, MATTLEY, MCGILL, SPURLOCK, WALKER, WOLF.

The following courses, arranged in cooperation with the Portland Public Schools, are given for in-service training of Portland teachers. They are also open to other qualified students. The classes are held Tuesday afternoon, from 4:30 to 6:15, at U. S. Grant High School, 2245 Northeast 36th Avenue.

## LOWER-DIVISION COURSES

- Mth 211. **Foundations of Mathematics.** 2 hours fall term.  
Foundation material of building fundamental concepts; the real meaning of mathematics; social uses and relationships; mathematical principles; grade placement of content materials; development of problem-solving ability and proficiency in the fundamental skills of mathematical processes. Hoel.
- Mus 286. **Upper-Grade Music.** 2 hours winter term.  
Problems associated with the teaching of music in grades four through eight, including note reading, part singing, the changing voice, development of special choruses. Study of available materials and literature. Ernst.
- Soc 212. **General Sociology.** 2 hours fall term.  
Stereotypes current in modern American Society. Examination of ideas con-

cerning individual and social relationships which the child is likely to acquire from his environment. Barr.

## UPPER-DIVISION COURSES

- A 353. **Art Appreciation.** 2 hours fall term.  
Designed to offer an appreciative study of painting, architecture, sculpture, and the minor arts in the nineteenth and twentieth centuries; principles and fundamentals of appreciation. No studio work; lectures, outside reading, slides, and class discussion. Halvorsen.
- Ed 316. **Oregon School Law and System of Education.** 2 hours winter term.  
An analysis of the Oregon school system and of the laws on which the system is based. Problems of Oregon schools, plans proposed for their solution and trends in educational development in the state. Bain.
- Ed 344. **Physical Education in the Elementary Grades.** 1 hour fall or winter term.  
Theory and practice in rhythm; singing games, group and folk dancing; stunts, games, self-testing activities, tumbling; materials; planning and evaluating program with reference to basic principles of physical education. Jenne.
- Ed 350. **Elementary School Curriculum.** 2 hours winter term  
Study of present trends in elementary-school curriculum development. A brief historical survey is made and the basic principles underlying modern curriculum organization are studied. Current views of the functions and objectives of the elementary school, their implications for curriculum development and educational practices, and problems in scope and sequence are considered. Cooperative experience in curriculum building is included. Fenn.
- Ed 358. **Primary Education.** 2 hours fall term.  
Principles and procedures of curriculum for primary grades; the young child studied in relation to home, primary school, and other agencies in the community. Designed to acquaint students with modern teaching procedures and materials, and to provide opportunity for application of sound psychological principles to guidance of children's learning. Class discussion, and organization of teaching materials. Fenn.
- Ed 358. **Safety Education.** 2 hours fall or winter term.  
Background and knowledge of all phases of safety; home, fire, industrial, water, rural, school, and traffic safety; elementary, secondary, and adult levels. Logan.
- Ed 407. **Seminar: Guidance and Counseling for Upper-Grade Teachers.** 2 hours fall term.  
See course description under Ed 507.
- Ed 408. **Special Teaching Methods (Social Studies).** 2 hours winter term.  
Improving the teaching of social studies in the secondary schools; place of social studies in the curriculum; problems of scope and sequence; unit development; utilizing community resources. Wolf.
- Ed 408f. **Methods and Materials (Mathematics).** 2 hours winter term.  
Problems and methods of selecting and organizing materials for instruction in mathematics classes; enrichment materials for the curriculum; comparison and evaluation of methods. Hoel.
- Ed 408g. **Methods and Materials (Science).** 2 hours winter term.  
Selection of areas of instruction in general science for everyday living; objectives (general and specific); activities, teacher-learning units, evaluations, and methods of instruction for both beginning and advanced courses. The

- place of general science in the comprehensive high school. Open to all interested in teaching science at the secondary level. Mattley.
- Ed 408s. **Methods and Materials (Elementary Science).** 2 hours fall term.  
Objectives, methods, and activities of an elementary science program. Each teacher conducts an elementary science unit under personal supervision. Mattley.
- Ed 435. **Audio-Visual Aids to Instruction.** 2 hours fall or winter term.  
Demonstration of the use of teaching aids, including slides, film strips, motion pictures, exhibits, and transcriptions. Instruction in the utilization of audio-visual aids, operation of equipment, and preparation and evaluation of materials. DeBernardis.
- Ed 438. **Techniques Used in Teaching Crippled and Low-Vitality Children.** 2 hours fall term.  
Methods and materials used in instructing different types of physically-disabled children; adaptation of curriculum to learning and physical limitations of the individual child. Demonstrations with various types of disabled children. Walker.
- Ed 445. **Teaching of Art.** 2 hours fall term.  
For students of special ability and interest in the teaching of art. Study of child interests and capabilities at different age levels with the view of finding and planning suitable materials and methods of presentation. Actual experience in the teaching of art. Halvorsen.
- Ed 474a, 474b. **Basic Course in School Supervision.** (G) 2 hours each term, fall and winter terms.  
Purpose and plans for supervision, use of tests, diagnosis of pupil difficulty, as applied to both elementary and secondary schools. Intended for elementary- and secondary-school principals, supervisors, and teachers aspiring to these positions. Prerequisite: Ed 311, 312, 313 or teaching experience. Ed 474a may be taken alone but is prerequisite for Ed 474b. Long.
- Ed 478. **Improvement of Instruction in Reading.** 2 hours fall term.  
Planned to provide intensive study of the classroom teacher's responsibility in the teaching of reading in the elementary grades. General plans developed for teaching children of a given grade as a class unit. Attention directed to teaching smaller groups which compose the unit, such as the mentally and scholastically accelerated, the slow learner, and the scholastically retarded, the neglected and unadjusted, and children with minor physical handicaps. Stress placed on readiness at each level; the use of phonics, children's interests, selection of material, and diagnostic and remedial procedures for classroom use. Dean.
- Ed 482. **Intercultural Education.** (G) 2 hours fall term.  
Provides opportunity for cooperative study of intercultural relations, particularly in Portland, and their application to the teaching situation. Consideration of the background of intercultural problems. Application of the democratic process in preparation of instructional plans and materials. Portland teachers who attended workshops at the University of Chicago and Mills College will act as consultants for the committees. Wolf.
- Ed 485. **Guidance and Personnel Practices.** 2 hours winter term.  
An introduction to the field of guidance and counseling. Means and methods of assisting students with personal and vocational problems; necessary school policies. Emphasis on use of special services. McGill.
- Ed 487. **Counseling.** 2 hours fall term.  
Designed for high-school counselors. Major emphasis on interview techniques as related to special cases; methods in educational counseling. McGill.



Ed 487a, 487b. **Unit Construction.** (G) 2 hours each term, fall and winter terms. Aims, selection, and organization of units of work; how to plan and teach a unit; practical methods of teaching unified and correlated types of programs; Individualized study and procedure; effective use of textbooks and teaching aids. For elementary and secondary teachers. Ed 487a may be taken alone but is prerequisite for Ed 487b.

Ed 488. **Curriculum Laboratory (Arts and Crafts in the Elementary School).** 2 hours winter term.

Designed to acquaint elementary homeroom teachers with materials and methods which may be used in the development of units in the classroom; experience with various types of materials and in planning units for their own grades. Johnson.

Eng 348. **Poetry Appreciation in the Curriculum.** 2 hours winter term.

Study of available materials for the classroom, development of objectives in teaching poetry, and suggestions for desirable experiences to build appreciation. Some study of correlated subjects, such as reading, discussion, creative expression, and choral reading.

Hed 407. **Seminar: Methods of Teaching Home Furnishings.** 2 hours fall term.

See description under Ed 508.

Hst 377. **Oregon History.** 2 hours fall term.

General survey of discovery, exploration, and development of the Oregon Country; fur trade, immigration, government, transportation, industry, and agriculture. Required for teacher's certification in Oregon. Spurlock.

IEd 470. **History of Manual and Industrial Education.** 2 hours fall term.

Historical developments to the present. Socrates, Plato, Rousseau, Pestalozzi, Froebel, John Dewey; present-day aims of industrial-arts and vocational-industrial education. Henriksen.

#### GRADUATE COURSES

Ed 507. **Seminar: Guidance and Counseling for Upper-Grade Teachers.** 2 hours fall term.

Designed to study the problems confronted by seventh- and eighth-grade students in choosing a high school. Emphasis on developing adequate student records for counseling purposes. Participants will have an opportunity to familiarize themselves with the program of all secondary schools in Portland. McGill.

Ed 508. **Curriculum Workshop in Home Furnishings.** 2 hours fall term.

Planned for teachers of homemaking in elementary and high schools, dealing with effective use of materials and methods in teaching home furnishings. Demonstrations of various skills and techniques; individual and group problems. Forest.

### ENGINEERING

Instructors: COMFORT, LOCKWOOD

#### LOWER-DIVISION COURSES

GE 101, 102, 103. **Engineering Problems.** 2 hours each term.

Elementary problems dealing with the general fields of civil, electrical, industrial, and mechanical engineering; the aim is to give practice in engineering computations and to train the student in engineering habits of work. *Fall*

*and winter terms:* Comfort. *Spring term:* Lockwood. Monday, 6:45-9:25; Room C, and Wednesday, 6:45-9:25; Room D.

GE 111, 112, 113. **Engineering Drawing.** 2 hours each term.

Training in the use of drafting tools. Fundamental principals and the rules of composition. Lockwood. Tuesday and Thursday, 6:45-9:25; Room D.

### ENGLISH

Professor: POWERS. Associate Professors: COLLIER, HENKLE. Assistant Professor: FRANCHÈRE. Instructors: BORDWELL, LITCHFIELD.

#### Literature

##### LOWER-DIVISION COURSES

Eng 101, 102, 103. **Survey of English Literature.** 3 hours each term.

From Beowulf to the present. *Fall term:* Beowulf to Milton. *Winter term:* Milton to Byron. *Spring term:* Byron to the present time. Franchère. Thursday, 6:45-9:25; Room 114.

Eng 201, 202, 203. **Shakespeare.** 3 hours each term.

Study of the important plays, comedies, histories, and tragedies, in the light of Shakespeare's development. Required for English majors. Franchère. Monday, 6:45-9:25; Room 114.

Eng 294, 295, 296. **Twentieth-Century Literature.** 3 hours each term.

British and American literature since 1900, with emphasis on changing ideas: literary, social, and philosophical. Not acceptable as period course. Franchère. Wednesday, 6:45-9:25; Room 114.

##### UPPER-DIVISION COURSES

Eng 326. **Studies in American Prose.** 3 hours fall term.

A representative selection of prose writers of the nineteenth and twentieth centuries. Franchère. Tuesday, 6:45-9:25; Room 114.

Eng 327. **Studies in American Poetry.** 3 hours winter term.

The chief American poets of the nineteenth and twentieth centuries. Franchère. Tuesday, 6:45-9:25; Room 114.

Eng 328. **American Drama.** 3 hours spring term.

A study of the major American dramatists. Franchère. Tuesday, 6:45-9:25; Room 114.

Eng 388. **Children's Literature.** 3 hours fall term.

Investigations in the field of children's interests in reading, and in grade placement of types and pieces of literature. Opportunity is given for acquaintance with, and appreciation of, the great body of literature belonging to the elementary-school program. Henkle. Tuesday, 6:45-9:25; Room 309.

##### GRADUATE COURSES

Eng 503. **Thesis.** Terms and hours to be arranged. Franchère.

Eng 505. **Reading and Conference.** Terms and hours to be arranged. Franchère.

#### Rhetoric

##### LOWER-DIVISION COURSES

Rht 111, 112, 113. **English Composition.** 3 hours each term.

The fundamentals of English composition and rhetoric; frequent themes in

the various forms of discourse. Special attention to correctness in fundamentals, to the organization of papers, and to the essentials of good writing.

**Fall term:** Rht 111, Collier. Tuesday, 6:45-9:25; Room 203.  
Rht 111, Litchfield. Tuesday, 6:45-9:25; Room 104.  
Rht 111, Litchfield. Thursday, 6:45-9:25; Room 104.  
Rht 111, Bordwell. Thursday, 6:45-9:25; Room 216.

**Winter term:** Rht 111, Bordwell. Wednesday, 6:45-9:25; Room 314.  
Rht 112, Collier. Tuesday, 6:45-9:25; Room 203.  
Rht 112, Litchfield. Tuesday, 6:45-9:25; Room 104.  
Rht 112, Litchfield. Thursday, 6:45-9:25; Room 104.  
Rht 112, Bordwell. Thursday, 6:45-9:25; Room 216.

**Spring term:** Rht 112, Bordwell. Wednesday, 6:45-9:25; Room 314.  
Rht 113, Collier. Tuesday, 6:45-9:25; Room 203.  
Rht 113, Litchfield. Tuesday, 6:45-9:25; Room 104.  
Rht 113, Litchfield. Thursday, 6:45-9:25; Room 104.

Rht 114, 115, 116. **Vocabulary Building.** 2 hours each term.

Designed to expand and sharpen the student's vocabulary and otherwise to improve the use of English. A study of words: new words, the right word; diction; pronunciation; an effective program for acquiring and using the forms and mechanics of writing. Collier. *Section I*, Monday, 7:15-9:00; Room 203. *Section II*, Thursday, 7:15-9:00; Room 203.

Rht 117, 118, 119. **Good Usage in Speech and Writing.** 2 hours each term.

A practical course in everyday English. Essentials of grammar, diction, and mechanics; principles of sentence structure; continuous emphasis on correctness, definiteness, and other prime qualities of speech and writing. Exercises in writing adjusted to the vocational needs of the students. Monday, 7:15-9:00; Room 204.

Rht 217. **Business English.** 3 hours fall or spring term.

Study of modern practices in business correspondence. Analysis and writing of the principal types of correspondence. Primarily for business-administration students. Prerequisite: Rht 111, 112, 113 or consent of instructor. Bordwell. *Fall term:* Wednesday, 6:45-9:25; Room 314. *Spring term:* Thursday, 6:45-9:25; Room 216.

#### UPPER-DIVISION COURSES

Rht 311, 312, 313. **Advanced Short-Story Writing.** 2 hours each term.

A professional course in writing the short story, to satisfy contemporary reading interests and publishing necessities. The short story as a literary form; mastery of narration as a cultural and practical skill. Constant attention to style and subject matter. Sustained practice in plot, characterization, dialogue, mood, and other essentials of the short story. Constructive criticism, conferences, marketing assistance, special lectures by established authors, mutual stimulus of a group of creative writers. Prerequisite: consent of instructor. Powers. Wednesday, 7:15-9:00; Room 112.

Rht 321, 322, 323. **Play Writing.** 2 hours each term.

Creative experiment in the writing of plays, with incidental study of models. Includes such modern forms as radio and television drama. Analysis and discussion of student work. Prerequisite: consent of instructor. Powers. Monday, 7:15-9:00; Room 112.

Rht 354, 355. **Advanced Creative Writing.** 2 hours each term, fall and winter terms.

Writing in the various forms to provide increased ease, certainty, and force in written expression. A continuation, with emphasis on effectiveness and

craftsmanship, for those who have taken lower-division courses in rhetoric. Prerequisite: consent of instructor. Powers. Tuesday, 7:15-9:00; Room 112.

## FOREIGN LANGUAGES

Professor: YOUNG. Instructors: APSLER, BEATTIE, CLIFFORD, HERMAN, KRIVOSHEIN, POUTEAU.

### Esperanto

#### NON-CREDIT COURSE

AL 01. **Esperanto.** No credit, three terms.

The course covers the use of the international language in correspondence and conversation; the direct method is applied. Esperanto has a full vocabulary, with very simple grammar, and completely phonetic spelling. It can be learned in twenty per cent of the time usually required for a national language. Esperanto correspondents are available in every country. Clifford. Tuesday, 7:15-9:00; Room 314.

### French

#### LOWER-DIVISION COURSES

RL 1a, 1b, 2a. **First-Year French (First Course).** 2 hours each term.

Grammar, pronunciation, composition, conversation. Translation of easy French prose and poetry. Beattie. Tuesday, 7:15-9:00; Room 206.

RL 2b, 3a, 3b. **First-Year French (Second Course).** 2 hours each term.

Reviews and extends the knowledge of grammatical principles and the irregular verbs. Exercises in pronunciation and study of idioms used in conversational French. Reading of simple texts and sight work, to develop in the student ability to read easy French without recourse to English. Beattie. Wednesday, 7:15-9:00; Room 206.

#### UPPER-DIVISION COURSE

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

Presupposes knowledge of French grammar. Conducted as far as possible in French. The difficulty of the conversation increases as the course progresses. Pouteau. Thursday, 7:15-9:00; Room 107.

### German

#### LOWER-DIVISION COURSES

GL 1a, 1b, 2a. **First-Year German (First Course).** 2 hours each term.

Essentials of grammar. Pronunciation, simple composition, and conversation. Reading of easy German prose and poetry. Apsler. Tuesday, 7:15-9:00; Room 313.

GL 3. **First-Year German (Third Term).** 3 hours fall term.

Grammar, composition, and conversation. This course continues the 1946-47 course and completes the twelve-hour requirement in First-Year German. Apsler. Thursday, 6:45-9:25; Room 313.

#### UPPER-DIVISION COURSES

GL 334, 335a. **German Conversation and Composition.** 3 hours winter term.

Conducted as far as possible in German. The difficulty of the conversation increases as the course progresses. Apsler. Thursday, 6:45-9:25; Room 313.

GL 335b, 336. **German Conversation and Composition.** 3 hours spring term.  
Completes the six-hour course in GL 334, 335, 336. Apsler. Thursday, 6:45-9:25; Room 313.

### Russian

#### LOWER-DIVISION COURSES

SL 11a, 11b, 12a. **First-Year Russian (First Course).** 2 hours each term.  
An introduction to the Russian language. Simple translation, grammar, conversation, composition. Krivoshein. Tuesday, 7:00-8:45; Room E, Central Library.

SL 12b, 13a, 13b. **First-Year Russian (Second Course).** 2 hours each term.  
Rapid review of elementary Russian. Emphasis on simple conversation and easy reading. Conducted as far as possible in Russian. Krivoshein. Thursday, 7:00-8:45; Room E, Central Library.

### Spanish

#### LOWER-DIVISION COURSES

RL 11a, 11b, 12a. **First-Year Spanish (First Course).** 2 hours each term.  
Translation of common prose, conversation, composition, and grammar. *Section I*, Herman. Monday, 7:15-9:00; Room 115. *Section II*, Pouteau. Monday, 7:15-9:00; Room 314.

RL 12b, 13a, 13b. **First-Year Spanish (Second Course).** 2 hours each term.  
Rapid review of grammar, advanced syntax, writing of short essays, and reading. Conversational exercises based upon easy Spanish narrative prose. Conducted as far as possible in Spanish. Young. Thursday, 7:15-9:00; Room 116.

#### UPPER-DIVISION COURSE

RL 441, 442, 443. **Modern Spanish Literature.** 2 hours each term.  
The material covered includes twentieth-century literature. Conducted in Spanish; largely oral. Young. Wednesday, 7:15-9:00; Room 116.

### GENERAL STUDIES

Portland Center Adviser: DR. HENRY E. STEVENS. University Committee: DR. E. H. MOORE, Chairman. State College Committee: DR. W. H. DREESEN, Chairman.

#### GRADUATE COURSES

GSt 501. **Research in General Studies.** Terms and hours to be arranged.  
GSt 503. **Graduate Thesis.** Terms and hours to be arranged.  
GSt 505. **Reading and Conference.** Terms and hours to be arranged.

### GEOGRAPHY

Instructor: NEWHOUSE

#### LOWER-DIVISION COURSE

Geo 201, 202, 203. **Geography.** 3 hours each term.  
Study of the field of geography with emphasis on human activities, interests, and welfare. Scientific investigation of geographic environment and its influence; major geographic features of the continent; Geographical distribu-

tion and development of the principal agricultural and mineral resources of the world; racial and historical influences upon territorial expansion and national integrity; political problem areas of Europe, Africa, and Asia; geographic problems involved in international harmony. Tuesday, 6:45-9:25; Room 105.

#### UPPER-DIVISION COURSES

Geo 426. **Geography of Europe.** 3 hours fall term.  
Some of the special problems of Europe today studied in the light of the physiographic and economic background of the continent. Thursday, 6:45-9:25; Room 105.

Geo 429. **Geography of North America.** 3 hours spring term.  
Physiography and resources of the continent; outstanding economic, social, and political trends, as influenced by these facts. Thursday, 6:45-9:25; Room 105.

Geo 430. **Geography of South America.** 3 hours winter term.  
Physical, economic, and human geography of the continent; the outstanding economic, social, and political trends in South America, as influenced by these facts. Thursday, 6:45-9:25; Room 105.

### GEOLOGY

#### UPPER-DIVISION COURSES

G 350. **Rocks and Minerals.** 3 hours fall term.  
Descriptive mineralogy, with a study of those identifying properties which make possible the rapid recognition of the common rock-forming and ore minerals. The latter part of the course is devoted to the study of rocks, with particular emphasis on the Oregon types. The course gives opportunity to become acquainted with rocks and minerals without having to meet the requirements of more technical courses. Especially useful to students expecting to teach general science. Monday, 6:45-9:25; Room 211.

G 451, 452. **Pacific Coast Geology.** 3 hours each term, winter and spring terms.  
Advanced study of the general geology of the west coast of the United States and Canada from Alaska to southern California; special problems of the region. Prerequisite: general geology or consent of instructor. Monday, 6:45-9:25; Room 211.

### HISTORY

Professor: JONASSON. Instructors: LEARNED, POLLARD, SPURLOCK.

#### LOWER-DIVISION COURSE

Hst 201, 202, 203. **History of the United States.** 3 hours each term.  
From colonial times to the present day. Spurlock. Monday, 6:45-9:25; Room 113.

#### UPPER-DIVISION COURSES

Hst 341, 342, 343. **Europe Since 1815.** 3 hours each term.  
Political, social, economic, and cultural trends from the fall of Napoleon to the present. *Fall term:* 1850 to 1870. *Winter term:* 1870 to 1919. *Spring term:* 1919 to the present. Learned. Wednesday, 6:45-9:25; Room 113.

- Hst 447. **Recent Russia.** (G) 3 hours spring term.  
The tsarist regime in the late nineteenth century, the revolutions of 1905 and 1917, and the Soviet Union since 1917. Jonasson. Tuesday, 6:45-9:25; Room 113.
- Hst 473, 474. **American Foreign Relations.** (G) 3 hours each term, fall and winter terms.  
The relations of the United States with other powers; the development of American foreign policies. Jonasson. Tuesday, 6:45-9:25; Room 113.
- Hst 475, 476. **History of the West.** (G) 3 hours each term, fall and winter terms.  
The American frontier. *Fall term:* The early American frontier; *Winter term:* the trans-Mississippi West. Thursday, 6:45-9:25; Room 113.
- Hst 477. **History of the Pacific Northwest.** (G) 3 hours spring term.  
Detailed study of the building of civilization in the Pacific Northwest. Required for graduate students planning to present theses in Oregon history; may be taken for teacher's certification in Oregon History. Prerequisite: Hst 201, 202 or consent of instructor. Pollard. Thursday, 6:45-9:25; Room 113.

## GRADUATE COURSES

- Hst 501. **Research.** Terms and hours to be arranged.
- Hst 505. **Reading and Conference.** Terms and hours to be arranged.

## HOME ECONOMICS

Instructors: JACOBY, JONASSON.

## LOWER-DIVISION COURSES

- CT 231. **Home Furnishing.** 2 hours spring term.  
Aims to develop appreciation of beauty and suitability in home furnishings; materials and processes involved. Elective for students other than home economics majors. Jonasson. Monday, 7:15-9:00; Room 216.
- HAd 222. **Family Relationships.** 2 hours winter term.  
To give a better understanding of present-day family life and some of the existing problems. Open to both men and women. Jonasson. Wednesday, 7:15-9:00; Room 105.

## UPPER-DIVISION COURSES

- HAd 413. **Child Development.** 3 hours fall term.  
Growth and development in middle and late childhood and early adolescence. Jonasson. Wednesday, 6:45-9:25; Room 105.
- HAd 422. **Family Relationships.** 2 hours spring term.  
Factors entering into adjustments within the modern family group. Prerequisite: HAd 222 or consent of instructor. Jonasson. Wednesday, 7:15-9:00; Room 105.
- HAd 423. **Parent Education.** 2 hours fall term.  
Methods and content in parent education—a course for professional and lay persons who are interested in helping parents to understand and to do effectively the job of parenthood. Jacoby. Thursday, 7:00-8:45; Room F. Central Library.

## HORTICULTURE

Professor: BOUQUET

## LOWER-DIVISION COURSE

- Hrt 111. **Home Horticulture.** 2 hours winter term.  
Lectures, discussions, and demonstrations dealing with horticultural crops about the home—vegetables, small fruits, tree fruits, and flowers. Emphasis on principles and fundamentals of growth, propagation, soil management, garden planning, soil fertility, pest control, irrigation. Special problems concerned with important crops. Greenhouse and frame management in gardening. Demonstrations during class meetings. Tuesday, 7:15-9:00; Room 309.

## JOURNALISM

Professor: POWERS

## UPPER-DIVISION COURSE

- J 334. **Copyediting.** 2 hours spring term.  
Training in giving manuscripts final form for publication. Analysis of style and subject matter; editing; writing heads, titles, captions, notes. Prerequisite: consent of instructor. Tuesday, 7:15-9:00; Room 112.

## LANDSCAPE ARCHITECTURE

Instructor: GERKE

## LOWER-DIVISION COURSE

- LA 277. **Planning Home Grounds.** 2 hours fall term.  
The principles of good design in home grounds; arrangement of the site for modern living, adapted particularly to this locality. Relationship between house and garden, space uses, study of materials which are used in garden development—plants, pavings, masonry, wood. Monday, 7:15-9:00; Room 216.

## MATHEMATICS

Professor: PRICE

## LOWER-DIVISION COURSE

- Mth 101, 102, 103. **Elementary Analysis.** 4 hours each term.  
Algebra, graphic methods, and introduction to the simpler ideas of calculus; logarithms and plane trigonometry; plane analytical geometry. Practical problems. Basic course for statistics, engineering, and scientific work. Prerequisite: high-school algebra. Tuesday and Thursday, 7:15-9:00; Room 211.

## MUSIC

Instructors: BENTLEY, DIETERICH.

## LOWER-DIVISION COURSES

- Mus 111a, 111b, 112a. **First Course in Theory I.** 2 hours each term.  
Thorough ground work in the elements of musical science—melodic, harmonic, and rhythmic. Major and minor chords, keys, scales, intervals, and cadences studied in singing, writing, playing, and dictation. Bentley. Tuesday, 7:15-9:00; Room 110.

**Mus 112b, 113a, 113b. Second Course in Theory I.** 2 hours each term.

Continuation of the subjects studied in the first course; foreign tones (auxiliary tones, suspensions, anticipations, appoggiaturas); foreign chords (the interpolated dominant seventh and diminished seventh). Bentley. Monday, 7:15-9:00; Room 110.

**Mus 127, 128, 129. Appreciation of Music.** 2 hours each term.

A nontechnical study of the development of music, stressing the elements of musical understanding; study of representative compositions, with emphasis on their musical and historical significance. Dieterich. Friday, 7:00-8:45; Music Room, Central Library.

**NURSING EDUCATION**

Assistant Professor: JACKSON. Instructors: DAVIS, PECORE.

## LOWER-DIVISION COURSE

**Nur 230. Home Nursing.** 2 hours fall term.

Follows the outline and meets requirements for the standard Red Cross home-nursing course. To receive credit the student must pass the examination for the Red Cross home-nursing certificate. Pecore. Wednesday, 7:15-9:00; Room 313.

## UPPER-DIVISION COURSES

**Nur 450. Technique in Ward Administration.** 3 hours fall or spring term.

Responsibilities of the head nurse in ward management, teaching and supervision. Jackson. Friday, 6:30-9:00; Room E, Central Library.

**Nur 453. Integration of the Social and Health Components in Nursing in the Basic Curriculum.** (G) 2 hours winter term.

Designed to familiarize the graduate nurse with the philosophy and principles underlying integration of the social and health components of nursing in the basic curriculum with practical application in the major clinical services. Davis. Wednesday, 7:15-9:00; Room 108.

**PHYSICAL EDUCATION**

Associate Professor: MOORHEAD. Assistant Professors: SIGERSETH, SPRAGUE.

## GRADUATE COURSES

**PE 506. Special Problems: Health Education Workshop.** 3 hours each term.

A workshop for health teachers in the public schools. Students will devote their entire time to preparing teaching materials for use in their own schools. Certain units of the state manual prepared each term; all units completed during the three terms. Moorhead. Tuesday, 6:45-9:25; Room 116.

**PE 507. Seminar: Measurements in Physical Education.** 3 hours spring term.

Application of testing and measurement in physical education. Evaluation of objectives, of programs, and of student achievement and development through measurement techniques. Sigerseith. Thursday, 6:45-9:25; Room 317.

**PE 521. Corrective Physical Education.** 3 hours winter term.

Common corrective problems among elementary and secondary school pupils; corrections through adaptations of the physical education program. Sigerseith. Thursday, 6:45-9:25; Room 317.

**PE 556. Administration of Buildings and Facilities.** 3 hours fall term.

Building layout and equipment, the relationship of the various functional units—equipment service, dressing facilities, activity spaces, administrative units, planning of grounds and fields. Sprague. Thursday, 6:45-9:25; Room 317.

**PHYSICS**

Instructor: HELLER

## LOWER-DIVISION COURSE

**Ph 201, 202, 203. General Physics.** 4 hours each term.

Standard first-year college physics. Mechanics, sound, heat, light, electricity and magnetism. Prerequisite: adequate background in mathematics. *Lecture and recitation*, Monday, 6:45-9:25; Room B. *Laboratory*, Wednesday, 7:00-9:00; Room C.

**PSYCHOLOGY**

Professor: SHEERBURNE, Instructors: HASKINS, WILCOX.

## LOWER-DIVISION COURSES

**Psy 201, 202. General Psychology.** 3 hours each term.

Introductory study of behavior and conscious processes. Survey of experimental studies with references to motivation, learning, thinking, perceiving, and individual differences. Scientific approach to problems of personal and social adjustment. Wilcox.

*Fall term:* Psy 201, *Section I*, Monday, 6:45-9:25; Room 309.  
Psy 201, *Section II*, Wednesday, 6:45-9:25; Room 309.

*Winter term:* Psy 201, Wednesday, 6:45-9:25; Room 309.  
Psy 202, Monday, 6:45-9:25; Room 309.

*Spring term:* Psy 202, Wednesday, 6:45-9:25; Room 309.

**Psy 205. Applied Psychology.** 3 hours spring term.

A survey of the ways in which psychology is applied in advertising, salesmanship, market research, measurement of opinion, occupational placement, development of personal efficiency. Prerequisite: Psy 201, 202 or consent of instructor. Wilcox. Monday, 6:45-9:25; Room 309.

**Psy 215. Industrial Psychology.** 3 hours fall term.

Application of psychology to business and industrial problems; measurement, prediction and influence of individual and group behavior; industrial psychology research. Sherburne. Tuesday, 6:30-9:00; Room H, Central Library.

## UPPER-DIVISION COURSES

**Psy 412. Adolescence, Maturity, and Senescence.** (G) 3 hours winter term.

Study of the behavior changes during pre-adolescence, adolescence, maturity, and old age. Prerequisite: Psy 201, 202. Haskins. Thursday, 6:45-9:25; Room 205.

**Psy 413. Abnormal Psychology.** (G) 3 hours fall term.

Various forms of unusual behavior, including anxiety states, hysteria, hypnotic phenomena, and psychoses. Normal motives and adjustment mechanisms as they are exaggerated in the so-called neurotic person. Prerequisite: Psy 201, 202. Haskins. Thursday, 6:45-9:25; Room 205.

**PUBLIC HEALTH**

Professors: SEARS, WEINZIRL. Assistant Professor: VEAZIE.

## UPPER-DIVISION COURSES

Bac 348, 349, 350. **Microbiology and Communicable Diseases.** 2 hours each term.

A study of microorganisms and their relation to human infectious disease. The different groups of organisms will be taken up in the following order: animal parasites, fungi, bacteria, rickettsia, viruses. Sears. Tuesday, 7:15-9:00; Room 317.

Bac 351a, 351b, 351c. **General Microbiology Laboratory.** 1 hour each term.

An introductory laboratory study of the morphological and cultural characteristics of bacteria, with special emphasis on the microorganisms causing human disease. Bac 348, 349, 350 must be taken in conjunction with this course. Veazie. Thursday, 7:15-9:15; Bacteriology Laboratory, third floor, Medical School. Laboratory fee, \$3.00 each term.

Bac 352a, 352b, 352c. **Medical Bacteriology and Parasitology Laboratory.** 1 hour each term.

A laboratory study of disease microorganisms and animal parasites, with special reference to the procedures used in the isolation and identification of species. The fall term will be devoted to the study of animal parasites. Prerequisite: Bac 351 or equivalent. Veazie. Tuesday, 7:15-9:15; Bacteriology Laboratory, third floor, Medical School. Laboratory fee, \$3.00 each term.

## GRADUATE COURSE

PH 511. **Principles of Public Health.** 3 hours winter term.

A general survey of personal and community hygiene. Topics considered are: immunization, medicine, surgery, food, carriers, cleanliness, isolation, disinfection, temperature, humidity, ventilation, lighting, clothing, exercise, public health organization. Weinzirl. Thursday, 6:45-9:25; Room 108.

**PUBLIC SPEAKING**

(See Speech and Drama)

**SCIENCE**

(See Chemistry, Physics, Zoology)

**SOCIOLOGY**

Professor: SMITH. Assistant Professor: PARSONS. Instructor: ARGOW.

## LOWER-DIVISION COURSE

Soc 204, 205, 206. **General Sociology.** 3 hours each term.

Analysis of social organization and culture; social changes and movements as affected by culture and by biological and physical environmental factors. Prerequisite to upper-division courses in sociology. Smith. Thursday, 6:45-9:25; Room 204.

## UPPER-DIVISION COURSES

Soc 337. **Problems of Child Welfare.** 3 hours fall term.

The child as seen in his own home and in the substitute home; the responsi-

bilities assumed by the state for children historically and in present practices; the handicapped child; child labor. Parsons. Tuesday, 6:45-9:25; Room 216.

Soc 415. **Criminology.** (G) 3 hours fall term.

The nature of crime, with specific reference to the causative factors involved; visits to penal and rehabilitative institutions required. Prerequisite: general sociology or general psychology or consent of instructor. Argow. Thursday, 6:45-9:25; Room 115.

Soc 416. **Penology.** (G) 3 hours winter term.

Theories underlying punishment. The role of the police and the courts. The history of penal treatment. A comparative approach to recent penal developments in America, Europe, and Asia. The professionalization of the penal service. Prerequisite: general sociology or consent of instructor. Argow. Thursday, 6:45-9:25; Room 115.

Soc 417. **Juvenile Delinquency.** (G) 3 hours spring term.

Nature and extent of delinquent behavior; contributing factors; current preventive programs and rehabilitating agencies. Prerequisite: general sociology or consent of instructor. Argow. Thursday, 6:45-9:25; Room 115.

Soc 424. **Methods of Social Work.** 3 hours winter term.

Introduction to social work for students with professional interests; history of social work and current philosophies; the fields of case work, group work, community organization, and social action; qualifications for and training of social workers. Parsons. Tuesday, 6:45-9:25; Room 216.

Soc 435. **Population and Population Theory.** (G) 3 hours spring term.

Theories of population, with reference to increase and decrease, and to the problems of quality; current programs of control. Migration and informal mobility. Prerequisite: general sociology or consent of instructor. Parsons. Tuesday, 6:45-9:25; Room 216.

## GRADUATE COURSE

Soc 505. **Reading and Conference.** Terms and hours to be arranged. Parsons. Tuesday, 4:30-5:45; Room F, Central Library.

**SPEECH AND DRAMA**

Associate Professor: COLLIER. Instructors: CHURCHILL, MARYE, SMITH, SWAFFORD.

## LOWER-DIVISION COURSES

SD 114. **Voice and Diction.** 3 hours fall term.

The principles and practice of voice development, correct breathing, tone quality, resonance, flexibility, and support. Study and practice of phonetic principles and the development of ease and clarity in enunciation. Churchill. Thursday, 6:45-9:25; Room 112.

SD 211, 212. **Interpretation.** 2 hours each term, winter and spring terms.

Fundamental training in analysis and presentation of printed materials; emotional reactions that give color and interest; expressive voice and body; correction of erroneous habits. The application of the principles of oral reading to literature. Churchill. Thursday, 7:15-9:00; Room 112.

SD 221. **Public Discussion.** 2 hours spring term.

Preparation of speeches for delivery before public audiences. Practice in group discussion and chairmanship. Collier. Friday, 7:00-8:45; Room B, Central Library.

**SD 225, 226. Public Speaking for Business and Professional Men and Women.**  
2 hours each term, fall and winter terms.

A practical course in 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. Study of motives that impel men to action and of ways of reaching these motives. Collier. Friday, 7:00-8:45; Room B, Central Library.

**SD 241. Survey of Broadcasting.** 2 hours fall term.

Study of the general field of broadcasting; history and development of broadcasting, rules of the Federal Communications Commission as they apply to radio, fundamentals of standard, FM, and television broadcasting. Special lectures by authorities in the field of radio. Swafford, Monday, 7:15-9:00; Room 313.

UPPER-DIVISION COURSES

**SD 341. Radio Workshop.** 2 hours winter term.

A series of lectures on the following topics: music broadcasting, demonstration of choral techniques, radio news gathering and editing, special events and sports, program scheduling and traffic, radio sales, radio announcing, radio programming, promotion and public relations, radio writing, continuity, and radio production. Swafford. Monday, 7:15-9:00; Room 313.

**SD 344. Radio Program Production.** 2 hours spring term.

Actual studio practice in radio speaking. Prerequisite: SD 341 or consent of instructor. Swafford. Monday, 7:15-9:00; Room 313.

**SD 351, 352, 353. Technique of Acting.** 2 hours each term.

Introduction to the principles of acting technique. Problems in the analysis and presentation of character. Participation in one-act and full-length plays. Smith. Wednesday, 7:15-9:00; Room 216.

**SD 451, 452, 453. Theory of Acting (Blue Room Players).** 2 hours each term.

A producing group of advanced players. Actual theater practice in rehearsal and performance. Technique of the intimate and conventional theater; principles of direction, with application to acting problems. Prerequisite: SD 351, 352, 353 or consent of instructor. Smith, Marye. Thursday, 7:00-8:45; Room D, Central Library.

ZOOLOGY

Professor: MACNAB. Instructor: FOULK.

LOWER-DIVISION COURSES

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

An introductory course emphasizing the fundamental principles of animal biology. The biology of the cell and single-celled animals; a comparative study of lower and higher types of animals, with emphasis on their economic and pathogenic effects. *Lecture*, Macnab. Monday, 7:15-9:00; Room 317. *Laboratory*, Foulk. Wednesday, 6:45-9:25; Room 316. Laboratory fee, \$3.00 each term.

## Schedule of Classes

### LINCOLN HIGH SCHOOL

1620 Southwest Park Avenue

(G) indicates course may be taken for graduate credit.  
(F,W,S) indicate fall, winter, spring term.

#### MONDAY

| Course, Term, Instructor   | Time      | Room |
|--|-----------|------|
| <b>BUSINESS ADMINISTRATION</b>   |           |      |
| BA 111, 112, 113 Constructive Accounting (F,W,S)<br>Skelton.....                     | 6:45-9:25 | 106  |
| BA 414a, 414b. Personnel Management (F,W) Williams.....                              | 7:15-9:00 | 104  |
| BA 420a, 420b. C. P. A. Problems (F,W) Wilson.....                                   | 7:15-9:00 | 105  |
| BA 442. Principles of Salesmanship (S) Elle.....                                     | 7:15-9:00 | 104  |
| BA 483, 484, 485. Accounting Theory and Practice<br>(F,W,S) Janney .....             | 6:45-9:25 | 108  |
| <b>ECONOMICS</b>   |           |      |
| Ec 425a, 425b. Labor Problems (G) (F,W) Mater.....                                   | 7:15-9:00 | 205  |
| <b>EDUCATION</b>   |           |      |
| Ed 406. Problems in Elementary Education (W) Caughlan.....                           | 6:45-9:25 | 116  |
| Ed 460. Psychology of Childhood (G) (F) Bernard.....                                 | 6:45-9:25 | 206  |
| Ed 461 Adolescence: Growth and Development of the<br>Individual (G) (W) Bernard..... | 6:45-9:25 | 206  |
| Ed 468. Hygiene of Learning (G) (S) Bernard.....                                     | 6:45-9:25 | 206  |
| Ed 485. Foundations of Curriculum (G) (F) Caughlan.....                              | 6:45-9:25 | 204  |
| Ed 505. Reading and Conference (F,W,S) Stevens.....                                  | 6:45-9:25 | 107  |
| Ed 507. Seminar: Language Arts in the Elementary<br>School (S) Caughlan .....        | 6:45-9:25 | 204  |
| <b>ENGINEERING</b>   |           |      |
| GE 101, 102, 103. Engineering Problems (F,W,S) Comfort.....                          | 6:45-9:25 | C    |
| <b>ENGLISH</b>   |           |      |
| Eng 201, 202, 203. Shakespeare (F,W,S) Franchère.....                                | 6:45-9:25 | 114  |
| Rht 114, 115, 116. Vocabulary Building (F,W,S) Collier.....                          | 7:15-9:00 | 203  |
| Rht 117, 118, 119. Good Usage in Speech and Writing<br>(F,W,S) .....                 | 7:15-9:00 | 204  |
| Rht 321, 322, 323. Play Writing (F,W,S) Powers.....                                  | 7:15-9:00 | 112  |
| <b>FOREIGN LANGUAGES</b>   |           |      |
| RL 11a, 11b, 12a. First-Year Spanish (F,W,S) (Herman)....                            | 7:15-9:00 | 115  |
| RL 11a, 11b, 12a. First-Year Spanish (F,W,S) Pouteau....                             | 7:15-9:00 | 314  |
| <b>GEOLOGY</b>   |           |      |
| G 350. Rocks and Minerals (F).....   | 6:45-9:25 | 211  |
| G 451, 452. Pacific Coast Geology (W,S).....   | 6:45-9:25 | 211  |
| <b>HISTORY</b>   |           |      |
| Hst 201, 202, 203. History of the United States (F,W,S)<br>Spurlock .....            | 6:45-9:25 | 113  |
| <b>HOME ECONOMICS</b>  |           |      |
| CT 231. Home Furnishings (S) Jonasson .....  | 7:15-9:00 | 216  |
| <b>LANDSCAPE ARCHITECTURE</b>  |           |      |
| LA 277. Planning Home Grounds (F) Gerke.....   | 7:15-9:00 | 216  |
| <b>MUSIC</b>   |           |      |
| Mus 112b, 113a, 113b. Second Course in Theory I<br>(F,W,S) Bentley .....             | 7:15-9:00 | 110  |
| <b>PHYSICS</b>   |           |      |
| Ph 201, 202, 203. General Physics lecture (F,W,S) Heller..                           | 6:45-9:25 | B    |
| <b>PSYCHOLOGY</b>  |           |      |
| Psy 201, 202. General Psychology (F,W) Wilcox.....                                   | 6:45-9:25 | 309  |
| Psy 205. Applied Psychology (S) Wilcox.....  | 6:45-9:25 | 309  |
| <b>SPEECH AND DRAMA</b>  |           |      |
| SD 241. Survey of Broadcasting (F) Swafford.....                                     | 7:15-9:00 | 313  |
| SD 341. Radio Workshop (W) Swafford.....   | 7:15-9:00 | 313  |
| SD 344. Radio Program Production (S) Swafford.....                                   | 7:15-9:00 | 313  |
| <b>ZOOLOGY</b>   |           |      |
| Z 201, 202, 203. General Zoology lecture (F,W,S) Macnab                              | 7:15-9:00 | 317  |

## TUESDAY

| Course, Term, Instructor   | Time      | Room        |
|--|-----------|-------------|
| <b>BUSINESS ADMINISTRATION</b>   |           |             |
| BA 111, 112, 113. Constructive Accounting (F,W,S)<br>Skelton                               | 6:45-9:25 | 106         |
| BA 489, 490, 491. Advanced Accounting Theory and<br>Practice (F,W,S) Janney                | 6:45-9:25 | 108         |
| <b>EDUCATION</b>   |           |             |
| Ed 407 or 507. Seminar: Personality Problems (F)<br>Chambers                               | 6:45-9:25 | 204         |
| Ed 407 or 507. Seminar: Counseling and Case Studies (S)<br>Williamson                      | 6:45-9:25 | 204         |
| Ed 431. Construction and Use of Visual Aids (W) Reid                                       | 7:15-9:00 | 115         |
| Ed 469. Advanced Upper-Grade Education (S) Caughlan  | 7:15-9:00 | 115         |
| Ed 473. Basic Course in School Administration (G) (F)<br>Campbell                          | 6:45-9:25 | 107         |
| Ed 475. Measurement in Education (G) (F) Bernard   | 6:45-9:25 | 205         |
| Ed 507. Seminar: School Finance (W) Cramer   | 6:45-9:25 | 107         |
| Ed 512. Research Procedures in Education (S) Bernard                                       | 6:45-9:25 | 205         |
| Ed 561. Advanced Educational Psychology (W) Bernard  | 6:45-9:25 | 205         |
| <b>ENGINEERING</b>   |           |             |
| GE 111, 112, 113. Engineering Drawing (F,W,S)  | 6:45-9:25 | D           |
| <b>ENGLISH</b>   |           |             |
| Eng 326. Studies in American Prose (F) Franchère   | 6:45-9:25 | 114         |
| Eng 327. Studies in American Poetry (W) Franchère  | 6:45-9:25 | 114         |
| Eng 328. American Drama (S) Franchère  | 6:45-9:25 | 114         |
| Eng 388. Children's Literature (F) Henkle  | 6:45-9:25 | 309         |
| Rht 111, 112, 113. English Composition (F,W,S) Collier                                     | 6:45-9:25 | 203         |
| Rht 111, 112, 113. English Composition (F,W,S)<br>Litchfield                               | 6:45-9:25 | 104         |
| Rht 354, 355. Advanced Creative Writing (F,W) Powers                                       | 7:15-9:00 | 112         |
| <b>FOREIGN LANGUAGES</b>   |           |             |
| AL 01. Esperanto (F,W,S) Clifford  | 7:15-9:00 | 314         |
| GL 1a, 1b, 2a. First-Year German (F,W,S) Apsler  | 7:15-9:00 | 313         |
| RL 1a, 1b, 2a. First-Year French (F,W,S) Beattie   | 7:15-9:00 | 206         |
| <b>GEOGRAPHY</b>   |           |             |
| Geo 201, 202, 203. Geography (F,W,S) Newhouse  | 6:45-9:25 | 105         |
| <b>HISTORY</b>   |           |             |
| Hst 447. Recent Russia (G) (S) Jonasson  | 6:45-9:25 | 113         |
| Hst 473, 474. American Foreign Relations (G) (F,W)<br>Jonasson                             | 6:45-9:25 | 113         |
| <b>HORTICULTURE</b>  |           |             |
| Hrt 111. Home Horticulture (S) Bouquet   | 7:15-9:00 | 309         |
| <b>JOURNALISM</b>  |           |             |
| J 334. Copyediting (S) Powers  | 7:15-9:00 | 112         |
| <b>MATHEMATICS</b>   |           |             |
| Mth 101, 102, 103. Elementary Analysis (F,W,S) Price                                       | 7:15-9:00 | 211         |
| <b>MUSIC</b>   |           |             |
| Mus 111a, 111b, 112a. First Course in Theory I (F,W,S)<br>Bentley                          | 7:15-9:00 | 110         |
| <b>PHYSICAL EDUCATION</b>  |           |             |
| PE 506. Special Problems: Health Education Workshop<br>(F,W,S) Moorhead                    | 6:45-9:25 | 116         |
| <b>PUBLIC HEALTH</b>   |           |             |
| Bac 348, 349, 350. Microbiology and Communicable Dis-<br>eases (F,W,S) Sears               | 7:15-9:00 | 317         |
| Bac 352a, 352b, 352c. Medical Bacteriology and Parasit-<br>ology Laboratory (F,W,S) Veazie | 7:15-9:15 | Med. School |
| <b>SOCIOLOGY</b>   |           |             |
| Soc 337. Problems of Child Welfare (F) Parsons   | 6:45-9:25 | 216         |
| Soc 424. Methods of Social Work (W) Parsons  | 6:45-9:25 | 216         |
| Soc 435. Population and Population Theory (G) (S)<br>Parsons                               | 6:45-9:25 | 216         |

## WEDNESDAY

|  |           |             |
|--|-----------|-------------|
| <b>ANTHROPOLOGY</b>                                      |           |             |
| Anth 423, 424, 425. Peoples of the Pacific (F,W,S) Merz  | 6:45-9:25 | 204         |
| <b>BUSINESS ADMINISTRATION</b>                           |           |             |
| BA 416, 417, 418. Business Law (F,W,S) Collier           | 6:45-9:25 | 203         |
| BA 492, 493. Income-Tax Procedure (F,W) Pattullo         | 7:15-9:00 | 104         |
| <b>CHEMISTRY</b>   |           |             |
| Ch 104, 105, 106. General Chemistry Lecture (F,W,S) Todd | 6:30-8:30 | Med. School |

| Course, Term, Instructor   | Time      | Room |
|--|-----------|------|
| <b>ECONOMICS</b>   |           |      |
| Ec 201, 202, 203. Principles of Economics (F,W,S)<br>Elkinton  | 6:45-9:25 | 205  |
| Ec 438a, 438b. Government Control of Private Business<br>(G) (F,W) Jones                                     | 7:15-9:00 | 110  |
| Ec 440. International Trade (G) (F) Leigh  | 6:45-9:25 | 115  |
| <b>EDUCATION</b>   |           |      |
| Ed 316. Oregon School Law and System of Education<br>(W or S) Campbell                                       | 7:15-9:00 | 115  |
| Ed 460. Applied Mental Hygiene (F) Masten  | 6:45-9:25 | 108  |
| Ed 481. Alcohol Studies in the School Curriculum Ferrier   | 7:15-9:00 | 317  |
| Ed 492. Social Education (G) (W) Stevens (F)   | 6:45-9:25 | 107  |
| Ed 512. Research Procedures in Education (F) Stevens   | 6:45-9:25 | 107  |
| Ed 586. Philosophy of Education (S) Stevens  | 6:45-9:25 | 107  |
| <b>ENGINEERING</b>   |           |      |
| GE 101, 102, 103. Engineering Problems (F,W,S) Comfort   | 6:45-9:25 | D    |
| <b>ENGLISH</b>   |           |      |
| Eng 294, 295, 296. Twentieth-Century Literature (F,W,S)<br>Franchère   | 6:45-9:25 | 114  |
| Rht 111, 112. English Composition (W,S) Bordwell   | 6:45-9:25 | 314  |
| Rht 217. Business English (F) Bordwell   | 6:45-9:25 | 314  |
| Rht 311, 312, 313. Advanced Short-Story Writing (F,W,S)<br>Powers  | 7:15-9:00 | 112  |
| <b>FOREIGN LANGUAGES</b>   |           |      |
| RL 2b, 3a, 3b. First-Year French (F,W,S) Beattie   | 7:15-9:00 | 206  |
| RL 441, 442, 443. Modern Spanish Literature (F,W,S)<br>Young   | 7:15-9:00 | 116  |
| <b>GENERAL SCIENCE</b>   |           |      |
| Sc 201, 202, 203. Foundations of Physical Science (F,W,S)<br>Lange   | 6:45-9:25 | 106  |
| <b>GENERAL SOCIAL SCIENCE</b>  |           |      |
| SSc 101, 102, 103. Background of Social Science (F,W,S)<br>Spurlock  | 6:45-9:25 | 211  |
| <b>HISTORY</b>   |           |      |
| Hst 341, 342, 343. Europe Since 1815 (F,W,S) Learned   | 6:45-9:25 | 113  |
| <b>HOME ECONOMICS</b>  |           |      |
| HAd 222. Family Relationships (W) Jonasson   | 7:15-9:00 | 105  |
| HAd 413. Child Development (F) Jonasson  | 6:45-9:25 | 105  |
| HAd 422. Family Relationships (S) Jonasson   | 7:15-9:00 | 105  |
| <b>NURSING EDUCATION</b>   |           |      |
| Nur 230. Home Nursing (F) Pecore   | 7:15-9:00 | 313  |
| Nur 453. Integration of the Social and Health Components<br>in Nursing in the Basic Curriculum (G) (W) Davis | 7:15-9:00 | 108  |
| <b>PHYSICS</b>   |           |      |
| Ph 201, 202, 203. General Physics Laboratory (F,W,S)<br>Heller   | 7:00-9:00 | C    |
| <b>PSYCHOLOGY</b>  |           |      |
| Psy 201. General Psychology (F) Wilcox   | 6:45-9:25 | 309  |
| Psy 201, 202. General Psychology (W,S) Wilcox  | 6:45-9:25 | 309  |
| <b>SPEECH AND DRAMA</b>  |           |      |
| SD 351, 352, 353. Technique of Acting (F,W,S) Smith  | 7:15-9:00 | 216  |
| <b>ZOOLOGY</b>   |           |      |
| Z 201, 202, 203. General Zoology Laboratory (F,W,S)<br>Fouk  | 6:45-9:25 | 316  |

## THURSDAY

|  |           |     |
|--|-----------|-----|
| <b>ART EDUCATION</b>   |           |     |
| AA 495. Upper-Division Decorative Design (F,W,S)<br>Halvorsen                | 7:15-9:00 | 301 |
| <b>BUSINESS ADMINISTRATION</b>   |           |     |
| BA 111, 112. Constructive Accounting (W,S) Parker                            | 6:45-9:25 | 106 |
| BA 113. Constructive Accounting (F) Parker                                   | 6:45-9:25 | 106 |
| BA 222. Elements of Finance (W) Ballaine                                     | 6:45-9:25 | 314 |
| BA 223. Elements of Marketing (F) Ballaine                                   | 6:45-9:25 | 314 |
| BA 428, 429. Human Relations in Supervision (G) (W)<br>Standing (S) Campbell | 6:45-9:25 | 309 |
| BA 437. Credit Management (G) (S) Ballaine                                   | 6:45-9:25 | 314 |
| BA 450, 451. Industrial Traffic Management (G) (W,S)<br>Ziebarth             | 6:45-9:25 | 313 |
| BA 475, 476, 477. Foreign Trade Marketing (G) (F,W,S)<br>Lomax               | 6:45-9:25 | 206 |



|  |            |       |             |
|--|------------|-------|-------------|
| <b>CHEMISTRY</b>   |            |       |             |
| Ch 101, 102, 103. General Chemistry laboratory (F,W,S)<br>Bocek.....           | 6:30-10:00 | ..... | Med. School |
| <b>EDUCATION</b>   |            |       |             |
| Ed 391. Group Thinking (S) Masten .....  | 6:45-9:25  | ..... | 108         |
| Ed 472. Basic Course in School Organization (G) (F)<br>Hamilton .....          | 6:45-9:25  | ..... | 108         |
| Ed 474. Basic Course in School Supervision (G) (S) Parr.....                   | 6:45-9:25  | ..... | 205         |
| <b>ENGINEERING</b>   |            |       |             |
| GE 111, 112, 113. Engineering Drawing (F,W,S).....                             | 6:45-9:25  | ..... | D           |
| <b>ENGLISH</b>   |            |       |             |
| Eng 101, 102, 103. Survey of English Literature (F,W,S)<br>Franchère .....     | 6:45-9:25  | ..... | 114         |
| Rht 111, 112, 113. English Composition (F,W,S)<br>Litchfield .....             | 6:45-9:25  | ..... | 104         |
| Rht 111, 112. English Composition (F,W) Bordwell.....                          | 6:45-9:25  | ..... | 216         |
| Rht 114, 115, 116. Vocabulary Building (F,W,S) Collier.....                    | 7:15-9:00  | ..... | 203         |
| Rht 217. Business English (S) Bordwell.....                                    | 6:45-9:25  | ..... | 216         |
| <b>FOREIGN LANGUAGES</b>   |            |       |             |
| GL 3. First-Year German (third term) (F) Apsler.....                           | 6:45-9:25  | ..... | 313         |
| GL 334, 335a. German Conversation and Composition<br>(W) Apsler .....          | 6:45-9:25  | ..... | 313         |
| GL 335b, 336. German Conversation and Composition (S)<br>Apsler .....          | 6:45-9:25  | ..... | 313         |
| RL 12b, 13a, 13b. First-Year Spanish (F,W,S) Young.....                        | 7:15-9:00  | ..... | 116         |
| RL 314, 315, 316. French Composition and Conversation<br>(F,W,S) Pouteau ..... | 7:15-9:00  | ..... | 107         |
| <b>GEOGRAPHY</b>   |            |       |             |
| Geo 426. Geography of Europe (F) Newhouse.....                                 | 6:45-9:25  | ..... | 105         |
| Geo 429. Geography of North America (S) Newhouse.....                          | 6:45-9:25  | ..... | 105         |
| Geo 430. Geography of South America (W) Newhouse.....                          | 6:45-9:25  | ..... | 105         |
| <b>HISTORY</b>   |            |       |             |
| Hst 475, 476. History of the West (G) (F,W) Pollard.....                       | 6:45-9:25  | ..... | 113         |
| Hst 477. History of the Pacific Northwest (G) (S)<br>Pollard .....             | 6:45-9:25  | ..... | 113         |
| <b>MATHEMATICS</b>   |            |       |             |
| Mth 101, 102, 103. Elementary Analysis (F,W,S) Price.....                      | 7:15-9:00  | ..... | 211         |
| <b>PHYSICAL EDUCATION</b>  |            |       |             |
| PE 507. Seminar: Measurements in Physical Education<br>(S) Sigerseth .....     | 6:45-9:25  | ..... | 317         |
| PE 521. Corrective Physical Education (W) Sigerseth.....                       | 6:45-9:25  | ..... | 317         |
| PE 556. Administration of Buildings and Facilities (F)<br>Sprague .....        | 6:45-9:25  | ..... | 317         |
| <b>PSYCHOLOGY</b>  |            |       |             |
| Psy 412. Adolescence, Maturity, and Senescence (G)<br>(W) Haskins .....        | 6:45-9:25  | ..... | 205         |
| Psy 413. Abnormal Psychology (G) (F) Haskins.....                              | 6:45-9:25  | ..... | 205         |
| <b>PUBLIC HEALTH</b>   |            |       |             |
| Bac 351a, 351b, 351c. General Microbiology (F,W,S)<br>Veazie .....             | 7:15-9:15  | ..... | Med. School |
| PH 511. Principles of Public Health (W) Weinzirl.....                          | 6:45-9:25  | ..... | 108         |
| <b>SOCIOLOGY</b>   |            |       |             |
| Soc 204, 205, 206. General Sociology (F,W,S,) Smith.....                       | 6:45-9:25  | ..... | 204         |
| Soc 415. Criminology (G) (F) Argow.....  | 6:45-9:25  | ..... | 115         |
| Soc 416. Penology (G) (W) Argow.....   | 6:45-9:25  | ..... | 115         |
| Soc 417. Juvenile Delinquency (G) (S) Argow.....                               | 6:45-9:25  | ..... | 115         |
| <b>SPEECH AND DRAMA</b>  |            |       |             |
| SD 114. Voice and Diction (F) Churchill.....                                   | 6:45-9:25  | ..... | 112         |
| SD 211, 212. Interpretation (W,S) Churchill.....                               | 6:45-9:25  | ..... | 112         |

## CENTRAL LIBRARY

801 Southwest 10th Avenue

## MONDAY

| Course, Term, Instructor  | Time      | Room |
|---|-----------|------|
| <b>BUSINESS ADMINISTRATION</b><br>BA 467. Public Utility Management (G) (F) Conkling..... | 6:30-9:00 | H    |

## TUESDAY

|   |           |   |
|---|-----------|---|
| <b>EDUCATION</b><br>Ed 507. Seminar: Tests for High School Counseling (F)<br>Clinton..... | 6:30-9:00 | F |
| <b>PSYCHOLOGY</b><br>PSY 215. Industrial Psychology (F) Sherburne.....                    | 6:30-9:00 | H |
| <b>RUSSIAN</b><br>SL 11a, 11b, 12a. First-Year Russian (F,W,S) Krivoshein                 | 7:00-8:45 | E |
| <b>SOCIOLOGY</b><br>Soc 505. Reading and Conference (F,W,S) Parsons.....                  | 4:00-5:45 | F |

## WEDNESDAY

|   |           |   |
|---|-----------|---|
| <b>BUSINESS ADMINISTRATION</b><br>BA 411. Business Public Relations (F) Gage..... | 7:00-8:45 | F |
| <b>EDUCATION</b><br>Ed 362. Story Telling (W) Morris.....                         | 7:00-8:45 | H |

## THURSDAY

|   |           |   |
|---|-----------|---|
| <b>HOME ECONOMICS</b><br>HAD 423. Parent Education (F) Jacoby.....        | 7:00-8:45 | F |
| <b>RUSSIAN</b><br>SL 12b, 13a, 13b. First-Year Russian (F,W,S) Krivoshein | 7:00-8:45 | E |
| <b>SPEECH AND DRAMA</b><br>SD 451, 452, 453. Blue Room Players.....       | 7:00-8:45 | D |

## FRIDAY

|   |           |            |
|---|-----------|------------|
| <b>BUSINESS ADMINISTRATION</b><br>BA 436a, 436b. Retail Merchandising (G) (F) Elle<br>(W) Comish..... | 7:00-8:45 | H          |
| <b>EDUCATION</b><br>Ed 469. Remedial Reading in High School (G) (F)<br>Killgallon .....               | 6:30-9:00 | F          |
| Ed 507. Seminar: The School Principal (W) Jacobson.....   | 6:30-9:00 | F          |
| <b>MUSIC</b><br>Mus 127, 128, 129. Music Appreciation<br>(F,W,S) Dieterich .....                      | 7:00-8:45 | Music Room |
| <b>NURSING EDUCATION</b><br>Nur 450. Technique in Ward Administration (F or S)<br>Jackson .....       | 6:30-9:00 | E          |
| <b>SPEECH</b><br>SD 221. Public Discussion (S) Collier.....   | 7:00-8:45 | B          |
| SD 225, 226. Public Speaking for Business and Profes-<br>sional Men and Women (F,W) Collier.....      | 7:00-8:45 | B          |

## SATURDAY

|  |            |   |
|--|------------|---|
| <b>EDUCATION</b><br>Ed 462. Psychology of Exceptional Children (G) (F)<br>Killgallon ..... | 9:15-11:45 | F |
|--|------------|---|

## Subject Index

Accounting, 20  
Admission, 12  
Admission, Graduate, 16  
Anthropology, 19  
Art, 19  
Art Education, 20  
Art Museum, Portland, 15  
Bacteriology, 40  
Business Administration, 20  
Business English, 32  
Business Law, 22  
Business Men and Women, Public  
  Speaking for, 42  
Calendar for Academic Year, 6  
Chemistry, 23  
Classes, Schedule of, 43  
Correspondence Courses, inside back cover  
Course Numbering System, 15  
Credit Regulations, 13  
Drama, 42  
Economics, 23  
Education, 24  
Engineering, 30  
English, 31  
Entrance Requirements, 12  
Esperanto, 33  
Faculty, Portland Center, 7  
Fees, 14  
Foreign Languages, 33  
Foreign Trade, 23  
French, 33  
General Science, 18  
General Social Science, 18  
General Studies, 17, 34  
Geography, 34  
Geology, 35  
German, 33  
Grading System, 15  
Graduate Work, 16  
History, 35  
Home Economics, 36  
Horticulture, 37  
Income-Tax Procedure, 21  
In-Service Teacher Training, 15, 27  
Journalism, 37  
Landscape Architecture, 37  
Languages, 33  
Law, Business, 22  
Literature, 31  
Master of Arts (General Studies), 17, 34  
Mathematics, 27, 37  
Music, 35, 36  
Nursing Education, 38  
Personnel Management, 22  
Physical Education, 38  
Physics, 39  
Portland Art Museum, 15  
Portland Center, 12  
Portland Civic Theatre, 15  
Psychology, 39  
Public Health, 40  
Public Speaking, 41  
Radio, 42  
Registration, 13  
Rhetoric, 31  
Russian, 34  
Salesmanship, 22  
Schedule of Classes, 43  
Science 15, 23, 28, 35, 39, 42  
Short Story, 32  
Sociology, 40  
Spanish, 34  
Speech and Drama, 41  
State Board of Higher Education, 3  
State System of Higher Education, 2  
State System Officers, 5  
Written English, 31  
Zoology, 43