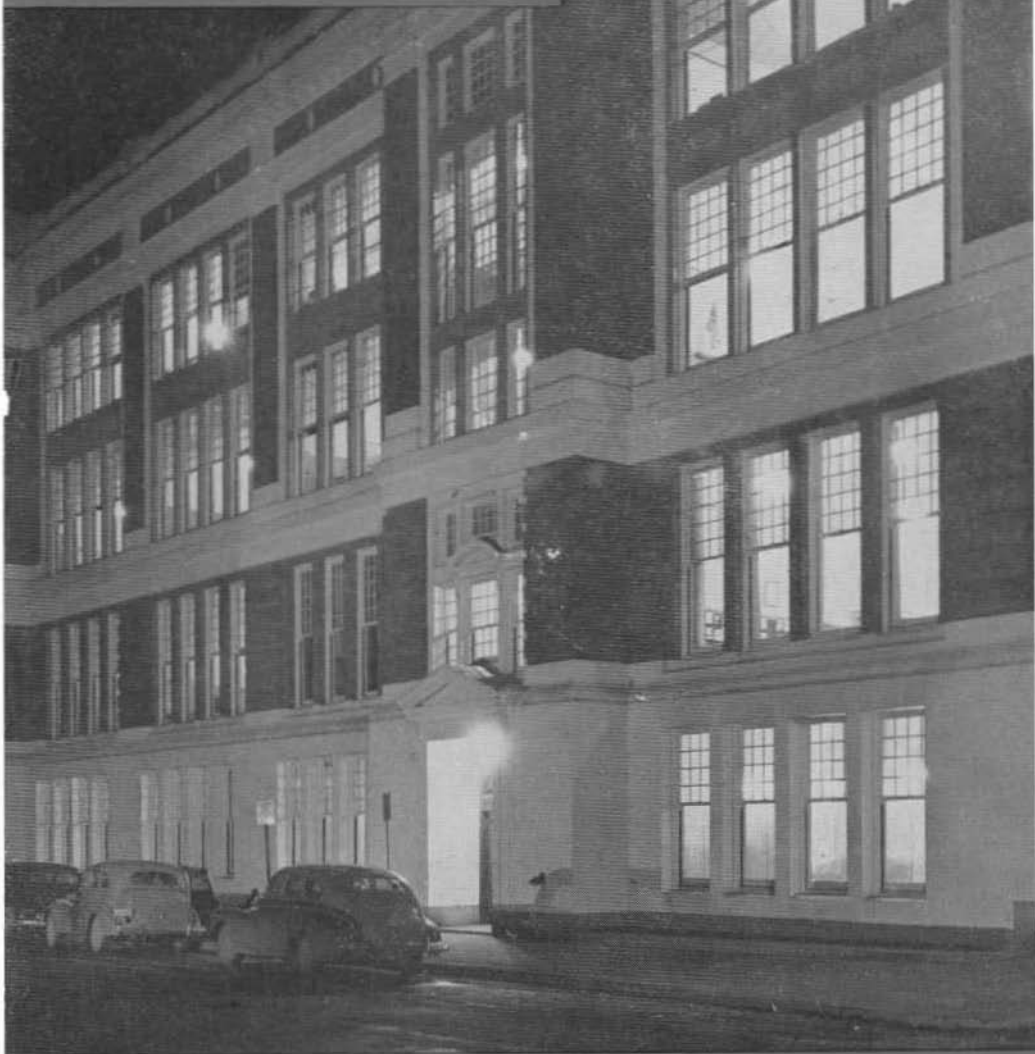


BULLETIN

PORTLAND
EXTENSION CENTER



NIGHT CLASSES 1948 • 1949

OREGON STATE SYSTEM OF HIGHER EDUCATION



**PORTLAND EXTENSION
CENTER**

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

**CATALOG
1948-49**

**207 EDUCATION CENTER BUILDING
220 SOUTHWEST ALDER STREET
PORTLAND 4, OREGON**

Oregon State System of Higher Education

THE Oregon State System of Higher Education, as organized in 1932 by the State Board of Higher Education following a 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 Expires |
|--------------------------------------|-----------------|
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Office of the State Board of Higher Education
Eugene, Oregon

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DEAN ANDERSON.....Executive Secretary

**PORTLAND EXTENSION CENTER
CALENDAR, 1948-49**

Fall Term

September 20-25, Monday to Saturday.....Classes begin as scheduled
 October 2, Saturday.....Last day for payment of fees without penalty
 (before noon)
 October 9, Saturday.....Last day to add a course or to change
 from audit to credit
 November 13, Saturday.....Last day to withdraw from a course or to
 change from credit to audit
 November 25-28, Thursday to Sunday.....Thanksgiving vacation
 December 6-11, Monday to Saturday.....Final examinations

Winter Term

January 3-8, Monday to Saturday.....Classes begin as scheduled
 January 15, Saturday.....Last day for payment of fees without penalty
 (before noon)
 January 22, Saturday.....Last day to add a course or to change
 from audit to credit
 February 19, Saturday.....Last day to withdraw from a course or to
 change from credit to audit
 March 14-19, Monday to Saturday.....Final examinations

Spring Term

March 28-April 2, Monday to Saturday.....Classes begin as scheduled
 April 9, Saturday.....Last day for payment of fees without penalty
 (before noon)
 April 16, Saturday.....Last day to add a course or to
 change from audit to credit
 May 14, Saturday.....Last day to withdraw from a course or to
 change from credit to audit
 May 30, Monday.....Memorial Day holiday
 June 6-11, Monday to Saturday.....Final examinations

Summer Session

June 21, Tuesday.....Summer quarter begins

Portland Extension Center

OREGON STATE SYSTEM OF HIGHER EDUCATION

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The Portland Extension Center

THE 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 1948-49 the Portland Center announces 226 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 1948-49 the dates are as follows: fall term, September 20 to December 11; winter term, January 3 to March 19; spring term, March 28 to June 11.

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

SINCE 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 masters' degrees, or enrolled for credit beyond bachelors' degrees.
- (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, 1 unit in algebra, $\frac{1}{2}$ unit in higher algebra, and 1 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

RESIDENT 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.

Requirements for Junior Certificate. The Junior Certificate admits the student to upper-division standing. The requirements are as follows:

Term Hours: Minimum, 93.

Grade-Point Average: Minimum, 2.00.

English Composition: 9 term hours, unless excused.

Group Requirements: A prescribed amount of work selected from three "groups" in courses numbered from 100 to 110 and 200 to 210. College of Liberal Arts majors must take all three groups as well as a 9-hour sequence in courses numbered 200 to 210 in one of the three groups. Students in professional schools are required to take only two of the three groups.

Group I: Language and Literature, 9 term hours.

Group II: Social Science, 9 term hours.

Group III: Science, 9 term hours.

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

Required Courses. Lower-division requirements for majors in Business Administration and Prelaw include Constructive Accounting (BA 111, 112, 113). Majors in Business Administration are also required to take the following:

Elements of Finance (BA 222)

Elements of Marketing (BA 223)

Principles of Economics (Ec 201, 202, 203)

Business English (Rht 217)

Majors in School Administration and those desiring administrative and supervisory credentials in Oregon are required to take:

Basic Course in School Organization (Ed 572)

Basic Course in School Administration (Ed 573)

Basic Course in School Supervision (Ed 574)

School Finance (Ed 575)

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

STUDENTS may register daily, except Saturday, from 9:30 a.m. to 4:30 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 Saturday, from 6:45 p.m. to 9:00 p.m., at Lincoln High School, 1620 Southwest Park Avenue.

Registration 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 2; for the winter term, January 15; for the spring term, April 9.

Fees and Refunds

REGISTRATION 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 of \$1.00 per week in addition to the regular fee. During the third week the late-registration fee is \$1.00; fourth week, \$2.00; fifth week, \$3.00. Registration fees may not be paid after the fifth 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 Fees. 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. Fee for graduate-record examination is \$5.00.

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 compelled 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

THE 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

THE 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 300-499; 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 registration fee is \$10.00 per term for 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 23 at the Museum Art School.

In-Service Training Courses for Portland Teachers. In cooperation with the Portland Public Schools, 23 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 the 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

GRADUATE 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), the Master of Science, and the Master of Science in General Studies degrees 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 blue and class cards are 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 spe-

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

Master of Science (General Studies). A program of graduate study is planned especially for students working toward the satisfaction of the requirements for regular high-school teacher certification. The program leads to the degree of Master of Science in General Studies.

Enrollment in the program is open to any person who is eligible for admission to the Graduate School; the student must, however, have a reasonable background of undergraduate study in the fields or departments in which he proposes to work, and must complete prerequisites for specific courses. The requirements for the degree of Master of Science in General Studies are:

- (1) A total of between 45 and 51 term hours in graduate courses, distributed in accordance with (a) and (b), below:
 - (a) A total of 36 term hours in graduate courses in two departments or fields of study, including not less than 15 term hours in each field. At least 6 term hours must be in 500 courses in one of the two departments; the student's program must be planned to provide well-rounded knowledge, and must not be made up of scattered, unrelated courses.
 - (b) Between 9 and 15 term hours in graduate courses in the field of education, the number of hours to be determined on the basis of the work in education completed by the student as an undergraduate. (The state certification requirement specifies 9 term hours of

graduate work in education and 6 term hours in education electives, which may be taken either at the undergraduate or graduate level; students who take these electives as graduate students must complete a total of 15 term hours of graduate work in education to qualify for the degree of Master of Science in General Studies.)

- (2) Satisfaction of the regular requirements of the Graduate School for the master's degree, except that no thesis is required.

The program is administered by the dean of the Graduate School and supervised by the Committee on General Studies.

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 15 of this catalog also applies in its entirety to the State-Wide Classes. Address all communications to General Extension Division, Eugene, Oregon. For list of State-Wide Classes see page 54-56.

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

FOR an explanation of the course-numbering system see page 16. 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

cosmic 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 113.

ANTHROPOLOGY

Assistant Professor: MERZ

UPPER-DIVISION COURSE

Anth 314, 315, 316. **Beginnings and Development of Civilizations.** 3 hours each term.

Fall: the palaeolithic world; its environment, technology, preagricultural economy, society, and art forms. *Winter:* the development of agriculture and sedentary life in the Near East; economy and society based on metallurgy; urban civilization; development of cultural complexes basic to Western civilization. *Spring:* diffusion of Near-Eastern complexes to Europe and Asia; selected Asiatic and New-World developments. Emphasis on cultural processes. Prerequisite: upper-division standing. Wednesday, 6:45-9:25; Room 202.

ART

Instructors: BUNCE, GIVLER, GRIFFIN, HALVORSEN, LITTMAN, LYNCH, McLARTY, 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, for the purpose of increasing the student's powers of observation and expression and leading to a better understanding of the arts. McLarty, Taylor. Tuesday, 7:30-9:30. Course fee, \$1.50 in addition to registration fee.

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*, Voorhies. Tuesday, 7:30-9:30. *Section II*, Givler. Wednesday, 7:30-9:30. *Section III*, Voorhies. 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. Wiley. 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. Russo. Wednesday, 7:30-9:30.

AA 292. **Lower-Division Composition (Serigraph-Silk Screen).** 1 hour each term.

Compositional painting in black and white medium, with opportunity for development of painting in serigraph and silk screen. Bunce. Wednesday, 7:30-9:30. Course fee, \$5.00 in addition to registration fee.

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. *Section I*, Griffin, Tuesday, 7:30-9:30. *Section II*, Littman. Thursday, 7:30-9:30. Course fee, \$2.00 in addition to registration fee.

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.

AA 297. Lower-Division Design. 1 hour any term.

No-grade course. Study of basic art structure—elements, line, dark and light, and color. Taylor. Thursday, 7:30-9:30.

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. Wiley. Wednesday, 7:30-9:30.

AA 492. Upper-Division Composition (Serigraph-Silk Screen). 1 hour each term.

Advanced problems in composition. Opportunity for development of painting in serigraph and silk screen. Prerequisite: 15 hours credit in AA 292. Bunce. Wednesday, 7:30-9:30. Course fee, \$5.00 in addition to registration fee.

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. Course fee, \$2.00 in addition to registration fee.

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

Instructor: HALVORSEN

UPPER-DIVISION COURSES

A 352. Art in Environment. 2 hours spring.

Study and observation in improving the home, school, civic, and community life. Class participation in fruit and flower arrangement. Use of color and line applied to clothing and furnishings. Thursday, 7:15-9:00; Room 315.

A 353. Art Appreciation. 2 hours winter.

Designed to offer opportunity to better understand through lectures, slides,

and classroom discussions the fields of painting, architecture, sculpture, and the minor arts of contemporary life. Thursday, 7:15-9:00; Room 315.

Methods and Materials

(See EDUCATION)

BUSINESS ADMINISTRATION

Professors: BALLAINE, COMISH, LOMAX. Associate Professors: R. CAMPBELL, COLLIER, JANNEY, WOLFF, ZIEBARTH. Instructors: CONKLING, CROOKS, PARKER, PATTULLO, SKELTON, STANDING, TROWBRIDGE, WALLSINGER, WILLIAMS, WILSON.

Accounting

LOWER-DIVISION COURSES

BA 111, 112, 113. Constructive Accounting. 3 hours each term.

Introductory course to the field of accounting. Technique of account construction; preparation of financial statements. Application of accounting principles to practical business problems. Required of business-administration majors. 6:45-9:25.

Fall: BA 111, Wallsinger. Monday, Room 105.
BA 111, Skelton. Monday, Room 104.
BA 111, Skelton. Tuesday, Room 104.
BA 113, Parker. Thursday, Room 104.

Winter: BA 111, Parker. Thursday, Room 104.
BA 111, Wallsinger. Thursday, Room 105.
BA 112, Wallsinger. Monday, Room 105.
BA 112, Skelton. Monday, Room 104.
BA 112, Skelton. Tuesday, Room 104.

Spring: BA 112, Parker. Thursday, Room 104.
BA 112, Wallsinger. Thursday, Room 105.
BA 113, Skelton. Monday, Room 104.
BA 113, Skelton. Tuesday, Room 104.

UPPER-DIVISION COURSES

BA 420a, 420b. C. P. A. Problems. 2 hours each term, fall and winter.

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 102.

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. 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 114.

BA 489, 490, 491. Advanced Accounting Theory and Practice. 3 hours each term.

Professional training in practical accounting theory and practice in prepara-

tion 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 114.

BA 492, 493. **Income-Tax Procedure.** 2 hours each term, fall and winter.

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. Thursday, 7:15-9:00; Room 113.

General Business Courses

LOWER-DIVISION COURSES

BA 221. **Elements of Organization and Production.** 3 hours spring.

Principles of management as applied to commercial and industrial concerns. Ziebarth. Friday, 6:45-9:25; Room 102.

BA 222. **Elements of Finance.** 3 hours winter.

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 216.

BA 223. **Elements of Marketing.** 3 hours fall.

Methods, policies, and problems. Private and cooperative channels, auctions, exchanges, middlemen; demand creation, assembly, standardization, packaging, financing, risk taking, distribution. Ballaine. Thursday, 6:45-9:25; Room 216.

UPPER-DIVISION COURSES

BA 323. **Office Organization and Management.** 2 hours spring.

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. Wallsinger. Monday, 7:15-9:00; Room 105.

BA 339. **General Advertising.** 3 hours fall.

Advertising as a factor in the distributive process; the advertising agency; the "campaign"; function of research and testing; use of media; newspapers, magazines, broadcasting, outdoor advertising, direct mail, etc. Millican. Wednesday, 6:45-9:25; Room 315.

BA 412, 413. **Personnel Management.** 2 hours each term.

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 103.

BA 416, 417, 418. **Business Law.** 3 hours each term.

Fall: 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:* the law of agency, negotiable instruments, real-property mortgages, landlord and tenant, and mechanics' lien law. *Spring:* 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 201.

BA 428, 429. **Human Relations in Supervision.** (G) 3 hours each term, winter and spring.

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: consent of instructor. *Winter:* Standing. *Spring:* Campbell. Thursday, 6:45-9:25; Room 214.

BA 432. **Business Statistics.** 3 hours spring.

Emphasis on appreciation and understanding of statistical methods. Charts and tables; sampling; averages, time-series analysis; index numbers; a brief introduction to the concept of linear correlation. Ballaine. Thursday, 6:45-9:25; Room 216.

BA 436a, 436b. **Retail Merchandising.** (G) 2 hours each term, fall and winter.

Retail policies and problems. Stock-control systems, buying, methods of sales promotion, plant operation, personnel, credit, turnovers, pricing, expense classification and distribution. Comish. Friday, 7:15-9:00; Room 113.

BA 441. **Radio Advertising.** 2 hours spring.

A study of the principles of radio advertising and of the techniques involved. Radio's place in modern advertising; methods of measuring circulation, planning campaigns, writing copy, checking results. Millican. Wednesday, 7:15-9:00; Room 315.

BA 442. **Principles of Salesmanship.** 3 hours spring.

Principles and techniques of personal salesmanship; selling reactions. From the standpoints of seller and buyer. Friday, 6:45-9:25; Room 113.

BA 446. **Advertising Copywriting.** 2 hours winter.

Training and practice in the art of writing advertising copy for various media. Study of diction, sentence structure, headline and slogans, style development. Prerequisite: consent of instructor. Millican. Wednesday, 7:15-9:00; Room 315.

BA 450, 451. **Industrial Traffic Management.** (G) 3 hours each term, fall and winter.

The organization of a traffic department; services and organization of rail, truck, and air lines; theory and application of freight rates. Ziebarth. Friday, 6:45-9:25; Room 102.

BA 467. **Public-Utility Management.** (G) 3 hours winter.

Production, distribution, and finance problems of public utilities; rates; accounting methods, flotation of securities, public relations, and consolidations. Prerequisite: BA 221, 222, 223. Conkling. Tuesday, 6:45-9:25; Room 315.

BA 471, 472, 473. **Foreign-Trade Technique.** (G) 3 hours each term.

A year course in shipping economics. *Fall:* an examination of ocean-carrier organization, the operations-manager's functions; functions of the Portland captain and port engineer; ship classification; operation, power plant, fuel; ship services and types; trade routes. *Winter:* functions of the terminal superintendent, terminal administration; the harbor belt line; foreign-trade zone; handling and stowage of cargo; various papers and documents used in

shipping; administration of the traffic department. *Spring*: chartering; freight forwarding; marine insurance; special aspects of admiralty law; national transportation policy. Lomax. Thursday, 6:45-9:25; Room 114.

BA 05, 06, 07. Elements of Supervision. No credit, three terms.

Basic course in training following the outlines of the National Association of Foremen. For young men in industry who hope for advancement. Elements of foremanship; basic principles of organization and supervision of employees. Trowbridge. Tuesday, 7:15-9:00; Room 204.

BA 08, 09, 010. Advanced Course in Industrial Supervision. No credit, three terms.

Advanced course in industrial organization; policy making; production standards; wage determination; human relations within the plant and organization. Prerequisite: BA 05, 06, 07 or consent of instructor. Crooks. Monday, 7:15-9:00; Room 308.

See also:

Ec 201, 202, 203. Principles of Economics (under Economics).
Ec 425a, 425b. Labor Problems (under Economics).
Ec 438. Government Control of Private Business (under Economics).
Rht 217. Business English (under English-Rhetoric).
Sp 221. Public Discussion (under Speech).
Sp 225, 226. Public Speaking for Business and Professional Men and Women (under Speech).

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.

DAIRY MANUFACTURING

Professor: WILSTER.

NONCREDIT COURSE

DH 01. In-Service Training Course in Milk Processing. No credit, winter.

A basic training course for men and women engaged in the processing, manufacture, and handling of milk and milk products. Composition of milk and milk products; sanitary standards for milk and milk products and dairy plants; laws and regulations affecting the dairy industry; standardization of milk and cream for fat; regulation of bacteria, yeasts, and molds; basic principles of heating and cooling; principles of refrigeration and heating and cooling; storing dairy products; methods of cleaning and sterilizing plant equipment; equipment, utensils, instruments, and maintenance; nutritional value of milk and milk products. Monday, 7:15-9:00; Room 2. Course fee, \$12.00. Limited to 30.

DRAMA

(See SPEECH)

ECONOMICS

Professor: ELKINTON. Instructors: MATER, STATEN.

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 203.

UPPER-DIVISION COURSES

Ec 425a, 425b. Labor Problems. (G) 2 hours each term, fall and winter.

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 106.

Ec 437. Economic Problems of Federal Regulation. (G) 2 hours fall.

Regulation of common carriers and public utilities through Federal boards and commissions. Prerequisite: consent of instructor. Staten. Tuesday, 7:15-9:00; Room 203.

Ec 438. Government Control of Private Business. (G) 3 hours winter.

Survey of the general movement to subject business and personal and property rights to regulation by state or Federal agencies. Prerequisite: consent of instructor. Staten. Tuesday, 6:45-9:25; Room 203.

EDUCATION

Professors: CLINTON, CRAMER, JACOBSON, KAMBLY, KILLGALLON, WILLIAMSON, WOOD, ZERAN.
Assistant Professors: BARON, BERNARD, CAUGHLAN, EISERER, HAHN, HOPSTETTER.
Instructors: BORTOLAZZO, D. CAMPBELL, DEBERNARDIS, FERRIER, HALVORSEN, LANGSTON, LANTZ, MASTEN, D. MORRIS, J. MORRIS, PHELPS.

UPPER-DIVISION COURSES

Ed 311. Secondary Education in American Life. 3 hours winter.

Study of the problems of the high school from the standpoint of the teacher; consideration of its aims, program, functions, and characteristics, and its place in the American scene. Bortolazzo. Monday, 6:45-9:25; Room 204.

Ed 312. Educational Psychology. 3 hours fall.

The laws of learning and their application in the classroom; motivation in learning, transfer of training, memory, forgetting. Prerequisite: two terms of general psychology. Masten. Monday, 6:45-9:25; Room 113.

Ed 313. Principles of Teaching. 3 hours spring.

Study of the actual classroom teaching process, including classroom organization and management, planning teaching units, evaluating pupil learning, and similar problems. Prerequisite: Ed 312. Bortolazzo. Monday, 6:45-9:25; Room 204.

Ed 316. Oregon School Law and System of Education. 2 hours fall or spring.

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 102.

Ed 358. Primary Education. 3 hours fall.

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 the guidance of children's learning. Prerequisite: general psychology. Phelps. Friday, 6:45-9:25; Room 103.

Ed 359. Intermediate and Upper-Grade Education. 3 hours winter.

Principles and procedures of curriculum for intermediate and upper grades. Designed to acquaint the student with modern teaching procedures and materials and to provide opportunity for application of sound psychological principles to the guidance of children's learning. Prerequisite: general psychology. Phelps. Friday, 6:45-9:25; Room 103.

Ed 362. Story Telling. 2 hours winter.

Materials, techniques, and principles underlying the presentation of poetry and stories for very young children, with actual practice under supervision in their presentation. D. Morris. Wednesday, 7:15-9:00; Room 105.

Ed 380. Elementary-School Library. 2 hours winter.

Organization, administration, and development of the elementary-school library, including instruction in simple methods of handling essential technical, mechanical, and business processes; the care and repair of books; evaluation of reference materials useful for both teacher and children; stimulation of wider use of books for study and recreation; utilization of the library resources of Oregon, and service of the school library to the community. Hofstetter. Thursday, 7:15-9:00; Room 318.

Ed 406. Problems in Elementary Education. 3 hours spring.

Designed as an elective for candidates for the bachelor's degree in elementary education. Study and investigation of selected problems in teaching, to meet the needs of individual candidates. Phelps. Friday, 6:45-9:25; Room 103.

Ed 408(a). Methods and Materials. 3 hours fall.

Selection and organization of materials for instruction. Discussion in building a program in arts and crafts for either the self-contained classroom or the workshop. Laboratory techniques, supplies, equipment, as well as an opportunity for developing projects and meeting problems. Halvorsen. Thursday, 6:45-9:25; Room 315.

Ed 418. Educational Tests and Measurements. 3 hours spring.

Presentation of standardized tests in the various subjects taught in elementary schools and in group intelligence tests, the uses and limitations of such tests, the general principles of classroom test-making, and practice in administering, scoring, and interpreting various tests given in the elementary school. Baron. Wednesday, 6:45-9:25; Room 105.

Ed 431. Construction and Use of Visual Aids. (G) 3 hours spring.

Film, slide, chart, and other visual materials; selection and use to best advantage; operation of projectors and other equipment. Hahn. Tuesday, 6:45-9:25; Room 103.

Ed 435p. Audio-Visual Aids. (G) 2 hours fall.

The development and use of audio-visual aids in education. Historical background, psychological and educational principles, and experimental studies. Emphasis on actual learning situations in which radio, recordings, films, slides, film strips, pictures, etc., are used. Sources of materials and equipment; administration of program. DeBernardis. Wednesday, 7:15-9:00; Room 103.

Ed 450. Radio Education. (G) 3 hours spring.

A study of the use of radio as an instrument of education. The course includes discussion, demonstrations, reports, and lectures on radio's place in education; philosophy of radio education; planning and supervising the school use of radio; organizing the school and community for selection and use of programs; evaluating instruction by radio; objectives in developing discrimination; possibilities of future developments. J. Morris. Tuesday, 6:45-9:25; Room 203.

Ed 460. Applied Mental Hygiene. 3 hours winter.

Application of mental-hygiene principles, stressing their use and limitations in education. Opportunity is offered for the use of case-study technique. Required for graduation from Oregon College of Education. Masten. Monday, 6:45-9:25; Room 113.

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

The facts and principles of child behavior and development from conception to adolescence. Prerequisite: general psychology. Caughlan. Thursday, 6:45-9:25; Room 202.

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

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. Bernard. Wednesday, 6:45-9:25; Room 216.

Ed 461. Child Development. 3 hours spring.

Consideration of the child as an individual and as a member of the social group. Included is a study of the kinds of home and school environment essential to the best intellectual, physical, and emotional development of the child. Masten. Monday, 6:45-9:25; Room 113.

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

The discovery and treatment of the emotionally and socially maladjusted child; the home, school, and community in relation to the child's mental health. Satisfies the requirement in mental hygiene for certain special certificates. Killgallon. Monday, 6:45-9:25; Room 318.

Ed 465. Diagnostic and Remedial Instruction in Reading and Literature. 2 hours fall.

Opportunities for experienced teachers to consider the typical causes of difficulty in the reading program and to evaluate procedures to be used in remedial classes by means of lectures, demonstrations, readings, and case studies. Phelps. Thursday, 6:45-9:25; Room 110.

Ed 466. Diagnostic and Remedial Instruction in the Skills. 3 hours winter.

Opportunity to study the diagnostic and remedial treatment of difficulties in arithmetic, written and spoken language, spelling, and handwriting. Consideration is given to the prevention of errors, standardized and informal tests, the psychology of drill, practice exercises, and the provision for individual differences. Phelps. Thursday, 6:45-9:25; Room 110.

Ed 481. Alcohol Studies in the School Curriculum. 2 hours fall.

Scientific approach to the alcohol problem; incorporation of such information in the school curriculum. Physiological, psychological, sociological, and legal aspects of alcoholism. Development of teaching materials and methods. Limited enrollment. Ferrier. Wednesday, 7:15-9:00; Room 106.

Ed 485. Guidance and Personnel Practices. (G) 3 hours fall.

An introduction to the field of guidance and counseling. Means and methods

- of assisting students with personal and vocational problems; necessary school policies. Zeran. Tuesday, 6:45-9:25; Room 216.
- Ed 486. **Current Occupational Trends.** (G) 3 hours winter.
Materials available in occupational world; interpretations of present trends; sources of such material; value and usefulness for high school and college students. Zeran. Tuesday, 6:45-9:25; Room 216.
- Ed 487. **Counseling.** (G) 3 hours spring.
Mental, achievement, trade, and other tests; administration of such tests; classification, methods in vocational and educational counseling. Prerequisite: Ed 485. Williamson. Tuesday, 6:45-9:25; Room 216.
- Ed 492. **Recent Trends in Language Arts.** (G) 3 hours spring.
Designed to provide guidance and assistance to in-service teachers and other qualified students 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 reading, class discussion, and demonstration, students become acquainted with each of the four areas of the language arts: reading, speaking, writing, and listening. Individual reports and projects. Phelps. Thursday, 6:45-9:25; Room 110.
- Ed 501. **Educational Research.** Terms and hours to be arranged.
Supervised research by qualified graduate students and the faculty member in whose field the investigation lies.
- Ed 501. **Educational Research (Field Study).** Terms and hours to be arranged.
Field study for graduate students who plan to take the Master of Education degree from the University of Oregon.
- Ed 503(B). **Field Study.** Terms and hours to be arranged.
Field study for graduate students who plan to take the Master of Education degree from Oregon State College.
- Ed 503. **Thesis.** Terms and hours to be arranged.
Staff.
- Ed 505. **Reading and Conference.** Terms and hours to be arranged.
Caughlan and staff.
- 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, and special education will provide leadership for the seminar. Prerequisite: consent of instructor. Caughlan, staff. Monday; hours and place to be arranged.
- Ed 512. **Research Procedures in Education.** 3 hours fall or spring.
The nature and procedures of research in education; special techniques of study. Open to graduate students in other fields. Required for candidates for Master of Education degrees from University of Oregon. *Fall*: Clinton. Tuesday, 6:45-9:25; Room 202. *Spring*: Bernard. Wednesday, 6:45-9:25; Room 216.
- Ed 517. **Statistical Methods in Education.** 3 hours spring.
Elements of statistical method; methods of treating collective facts, average facts, and correlated facts as applied to giving and scoring tests, finding costs, etc. Prerequisite: consent of instructor. Clinton. Tuesday, 6:45-9:25; Room 202.
- Ed 522. **Problems in American Secondary Education.** 3 hours winter.
An advanced course for experienced teachers. The school in the community;

- guidance activities in the school; extraclass activities; the role of the school in contemporary society; the teacher in the local community. Jacobson. Friday, 6:45-9:25; Room 112.
- Ed 524. **Measurement in Education.** 3 hours fall.
Construction and desirable uses of various standard tests and scales for measuring achievements in school subjects. Such elements of statistical method as are necessary for intelligent use of the tests. Kambly. Monday, 6:45-9:25; Room 204.
- Ed 552. **Organization of Elementary Schools.** 3 hours fall.
A comprehensive survey of the development, responsibilities, and opportunities in the elementary schools. Intended for mature persons who plan a career in education. Langston. Wednesday, 6:45-9:25; Room 204.
- Ed 553. **Curriculum of the Elementary Schools.** 3 hours winter.
A systematic study of the elementary school curriculum, with a view to its improvement. Intended for mature teachers and administrators who plan a career in elementary education. Langston. Wednesday, 6:45-9:25; Room 204.
- Ed 554. **Supervision of Elementary Schools.** 3 hours spring.
Special problems and techniques of supervision in the elementary schools. Intended for mature persons who are or expect to be responsible for supervision in elementary schools. Langston. Wednesday, 6:45-9:25; Room 204.
- Ed 561. **Advanced Educational Psychology.** 3 hours fall.
Review of some modern viewpoints in educational psychology; discussion of useful experimental material. Prerequisite: graduate standing in education. Eiserer. Friday, 6:45-9:25; Room 112.
- Ed 572. **Basic Course in School Organization.** 3 hours fall.
Deals with organization of both grade and high schools; emphasis on the small system with attention to town and city school systems. Prerequisite: Ed 311, 312, 313 or teaching experience. Lantz. Tuesday, 6:45-9:25; Room 113.
- Ed 573. **Basic Course in School Administration.** 3 hours winter.
Relations of the principal or superintendent to the school board; school records; school buildings and building programs; pupil accounting; the teaching staff. Prerequisite: Ed 311, 312, 313 or teaching experience. Lantz. Tuesday, 6:45-9:25; Room 113.
- Ed 574. **Basic Course in School Supervision.** 3 hours spring.
Purpose and plans for supervision, use of texts, diagnosis of pupil difficulty, etc., as applied to both elementary and secondary schools. Prerequisite: Ed 311, 312, 313 or teaching experience. Lantz. Tuesday, 6:45-9:25; Room 113.
- Ed 575. **School Finance.** 3 hours winter.
Study of the major problems of financing education and computing the cost of education. Problems of school revenues, the capital cost of education, budget making. Prerequisite: Ed 311, 312, 313 or teaching experience. Cramer. Tuesday, 6:45-9:25; Room 103.
- Ed 581. **Curriculum Foundations.** 3 hours fall.
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. Thursday, 6:45-9:25; Room 202.
- Ed 582. **Curriculum Survey.** 3 hours spring.
General principles of course-of-study construction; selection and organization of materials and activities; evaluation in terms of pupil growth. Prerequisite: Ed 581 or consent of instructor. Wood. Friday, 6:45-9:25; Room 112.

Ed 583. Unit Construction. 3 hours winter.

How to plan and teach a unit; study of the unit concept and different types of units; selection, organization, and development of materials and activities. Caughlan. Thursday, 6:45-9:25; Room 202.

Ed 586. Philosophy of Education. 3 hours winter.

Study of the broad fundamental principles and problems of education, as evaluated by the various schools of philosophical thought. Bernard. Wednesday, 6:45-9:25; Room 216.

IN-SERVICE TRAINING COURSES

Instructors: BAIN, BARR, DEAN, DEBERNARDIS, DOBSON, ERNST, FOREST, GREEN, HALVORSEN, HENRIKSEN, HOEL, JENNE, LOGAN, MCGILL, MORRISON, S. SMITH, WOLF, ZOLLINGER.

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 4:30-6:15, at U. S. Grant High School, 2245 Northeast 36th Avenue.

LOWER-DIVISION COURSES**Mth 211. Foundations of Mathematics.** 2 hours fall or winter.

Study of the development of mathematical concepts. Materials which may be used in the primary and intermediate grades. Diagnostic and remedial techniques. Limited to 40. Hoel.

A 218. Crafts. 2 hours fall.

The application of original designs in the creation and enrichment of useful or commercial art and craft objects. For industrial-arts instructors. Henriksen.

UPPER-DIVISION COURSES**Ed 316. Oregon School Law and System of Education.** 2 hours winter.

An analysis of the Oregon school system and the laws on which it is based. Attention given to the problems of Oregon schools; plans proposed for their solution; the course of study and trends in educational development in the state. Required for teacher's certificate in Oregon. Bain.

Eng 324. English Composition for Teachers (Upper Grades and High School). 2 hours fall.

Practice in writing and review of the rules of composition; grammar, usage, spelling, punctuation, and other mechanics; practice in evaluating and criticizing pupils' composition; examination of textbooks and courses of study. Zollinger.

Mus 335. Instrumental Music in the Elementary School. 2 hours winter.

Problems of organization, teaching techniques, teaching materials, public performance, aptitude tests, and preparatory instruments as they affect the total program of instrumental music in the elementary school. Ernst.

Ed 344, 345. Physical Education in the Elementary Grades. 1 hour fall and winter.

A course for elementary classroom teachers expected to do all or part of the physical education for a homeroom group. Jenne.

Eng 348. Poetry Appreciation. 2 hours winter.

Study of available materials for the classroom; development of objectives in teaching poetry, and suggestions for desirable experiences to build apprecia-

tion of poetry. Study of related subjects such as creative expression and choral reading. Zollinger.

Ed 351. Health Education. 2 hours fall or winter.

General course to meet the needs of teachers. Development of specific subjects based on health knowledge, habits, and attitudes for use in the classrooms of the teachers who are enrolled in the course. Logan.

A 353. Art Appreciation. 2 hours fall or winter.

Workshop technique used in development of a unified art curriculum. Experiences in utilizing art to advantage, experiences in creative expression and art appreciation. Resources of common daily life and its environment will be used. Halvorsen.

Hst 377. Oregon History. 2 hours fall.

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

Mus 384p. Primary Music. 2 hours fall.

A course for kindergarten, first-, second-, and third-grade teachers who need assistance in developing their own musical ability as a necessary factor in improving classroom music teaching. Ernst.

Ed 407. Seminar: Education Throughout the Ages. 2 hours fall.

The struggle of mankind to educate itself. Traces relationship of education to politics, to nationalism, to economics, and to sociology in succeeding periods of history. Review of methodology, curriculum construction, and school organization in their historical aspects. Lectures, individual projects, and discussion. Barr.

Ed 407. Seminar: Understanding the Behavior of Children. 2 hours fall.

The growth and development of the child as it relates to his physical, social, and emotional adjustment in the classroom. Morrison.

HEd 407. Seminar: Curriculum Problems in Homemaking. 2 hours fall.

See Ed 508, Curriculum Workshop (Homemaking).

Ed 408(e). Special Teaching Methods (Industrial Arts). 2 hours fall.

A course designed to train industrial teachers in organizing and controlling shop instruction, handling supplies, maintaining equipment and tools, purchasing materials, keeping records, making inventories, and meeting the other problems of setting up and operating shop instruction courses. Study of shop plans and layout. Henriksen.

Ed 408(ss). Special Teaching Methods (Social Studies). 2 hours winter.

The place of social studies in the curriculum; problems of scope and sequence; unit development; utilizing community resources. Limited to 40. Wolf.

Ed 431. Construction and Use of Visual Aids. (G) 2 hours winter.

Film, slide, chart, and other visual materials; selection and use to best advantage; operation of projectors and other equipment. DeBernardis.

Ed 451. Workshop for Radio Coordinators. 2 hours fall.

A survey of problems, methods, and techniques of utilization and production of radio programs in the schools. Green.

Ed 465, 466. Diagnostic and Remedial Techniques. (G) 3 hours each term, fall and winter.

Difficulties in reading, spelling, and arithmetic among children at the primary and elementary-school levels; techniques of diagnostic and remedial proce-

dures; consideration of class organization for individual instruction in remedial classes. Dean.

Ed 482. Intercultural Education. (G) 2 hours fall.

Classroom methods in promoting better human relations. Special techniques in group management and integration of the rejected individual into group situations. Review of background materials needed by the teacher. Limited to 30. Wolf.

Ed 485. Guidance and Personnel Practices. (G) 2 hours winter.

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, Dobson.

Ed 493. Utilization of Regional and Community Resources. (G) 2 hours fall.

Survey of community resources available to teachers of the Portland area. Field work to document and evaluate resources. Methods and technique for using field trips and resource people. Study of conservation of national and regional resources. Use of community resources in the modern school; organization and administrative problems. DeBernardis.

Ed 508. Curriculum Workshop (Homemaking). 2 hours fall.

For teachers of homemaking in high schools. Oregon curriculum in homemaking will be reviewed and evaluated. Individual and group projects on significant problems in homemaking education. Forest.

ENGINEERING

Professors: ALBERT, HOLCOMB; STARR. Instructors: H. ARNETT, BILLS, BROWN, COMFORT, GREILING, ROBERTS, R. SMITH.

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:* Comfort. *Spring:* Greiling. Monday, Room 313, and Wednesday, Room 318, 6:45-9:25.

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

Training in the use of drafting tools. Fundamental principles and the rules of composition. Smith. Tuesday and Thursday, 6:45-9:25; Vanport Extension Center.

UPPER-DIVISION COURSES

CE 382a, 382b. Structural Analysis. 2 hours each term, fall and winter.

Graphical and algebraic analysis of statically determinate structures. Prerequisite: consent of instructor. Holcomb. Wednesday, 7:15-9:00; Room 214.

CE 405. Reading and Conference: Soil Mechanics. 2 hours fall.

Application of the fundamentals of soil mechanics to engineering problems. Particular emphasis will be placed on earth-dam construction, foundation supports, highway and airport subgrades, revetments, and levees. Brown. Tuesday, 7:15-9:00; Room 105.

EE 405. Reading and Conference: Engineering Law. 3 hours spring.

Study of fundamental law as it applies to engineers, made concrete by actual cases and illustrative problems. Contracts, negotiable instruments, torts, bids and sales, land and water rights, mortgages. Instructor to be announced. Tuesday, 6:45-9:25; Room 315.

EE 405. Reading and Conference: National Electric Code and National Safety Code. 3 hours spring.

Study of the requirements of the national codes for electrical engineers. Prepares electricians to take state wiremen's examinations. Arnett. Monday, 6:45-9:25; Room 315.

EE 461. Wire Communication. (g) 3 hours winter.

Fundamental theory of wire communication, including telephone and telegraph equipment and systems. Given under the supervision of A. L. Albert, Professor of Electrical Engineering, Oregon State College. Instructor: Roberts. Monday, 6:45-9:25; Room 315.

EE 541. Electric Power Systems: Power System Steady-State and Transient Stability. 3 hours fall.

Transmission network analysis, including the influence of machine characteristics, switching, and circuit arrangements. Given under the supervision of E. C. Starr, Professor of Electrical Engineering, Oregon State College. Instructor: Bills. Monday, 6:45-9:25; Room 315.

ENGLISH

Professor: POWERS. Associate Professors: ALLEN, COLLIER, FRANCHÈRE, HENKLE.
Assistant Professors: HUNNER, LITCHFIELD.

Literature

LOWER-DIVISION COURSES

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

From *Beowulf* to the present. *Fall:* *Beowulf* to Milton. *Winter:* Milton to Byron. *Spring:* Byron to the present time. Franchère. Thursday, 6:45-9:25; Room 112.

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 112.

UPPER-DIVISION COURSES

Eng 331, 332, 333. The Democratic Tradition in Literature. 3 hours each term.

Study and search of the most significant utterances on democracy in the literature of western civilization from ancient times to the present. Not open to freshmen and sophomores except by permission of instructor. Franchère. Tuesday, 6:45-9:25; Room 112.

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

Acquaintance with, and appreciation of, the great body of literature belonging to the elementary-school program. Investigations in the field of children's interests in reading, and in grade placement of types and pieces of literature. Henkle. Monday, 6:45-9:25; Room 318.

Eng 430, 431, 432. Literature of the Renaissance. (G) 3 hours each term.

Fall: Renaissance thought. *Winter:* Renaissance epic and prose narrative. *Spring:* English lyric from Wyatt to Herrick. Allen. Monday, 6:45-9:25; Room 111.

Eng 470, 471, 472. Nineteenth-Century Prose. (G) 3 hours each term.

The prose and poetry of the century studied in relation to the social, political, and aesthetic ideas which gave the period its peculiar character. Hunner. Tuesday, 6:45-9:25; Room 205.

Eng 478, 479, 480. **The Modern Spirit in American Literature.** (G) 3 hours each term.

From Whitman to the present. Franchère. Wednesday, 6:45-9:25; Room 112.

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. 6:45-9:25.

Fall: Rht 111, Collier. Tuesday, Room 201.
Rht 111, Litchfield. Thursday, Room 203.
Rht 111, Hunner. Thursday, Room 205.
Rht 111, Hunner. Friday, Room 110.

Winter: Rht 111, Hunner. Wednesday, Room 205.
Rht 112, Collier. Tuesday, Room 201.
Rht 112, Litchfield. Thursday, Room 203.
Rht 112, Hunner. Thursday, Room 205.
Rht 112, Hunner. Friday, Room 110.

Spring: Rht 112, Hunner. Wednesday, Room 205.
Rht 113, Collier. Tuesday, Room 201.
Rht 113, Litchfield. Thursday, Room 203.
Rht 113, Hunner. Friday, Room 110.

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

Designed to expand 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. Monday, 7:15-9:00; Room 201.

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. Hunner. Monday, 7:15-9:00; Room 205.

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

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. Hunner. *Fall:* Wednesday, 6:45-9:25; Room 205. *Spring:* Thursday, 6:45-9:25; Room 205.

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 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 110.

Rht 317. **Versification.** 2 hours spring.

Verse writing; study of various forms as mediums of expression. Analysis of class work. Prerequisite: consent of instructor. Powers. Tuesday, 7:15-9:00; Room 110.

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

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 110.

Rht 01, 02, 03. **Workshop in Long Fiction.** No credit, three terms.

For a limited number of advanced students with book-length projects in imaginative writing. Conducted by individual conferences, group discussions, and class meetings. Prerequisite: consent of instructor. Powers. Monday, 7:15-9:00; Room 110.

FOREIGN LANGUAGES

Professor: YOUNG. Instructors: APSLER, M. ARNETT, BRATTIE, CLIFFORD, HERMAN, KRIVOSHEIN.

Esperanto

NONCREDIT COURSE

AL 01, 02, 03. **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 318.

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. Monday, 7:15-9:00; Room 206.

RL 4a, 4b, 5a. **Second-Year French (First Course).** 2 hours each term.

Review of grammar, composition, conversation; translation of modern French authors. Beattie. Wednesday, 7:15-9:00; Room 206.

UPPER-DIVISION COURSE

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

Training in pronunciation, comprehension, and composition. Ample opportunity for practice in conversation. Prerequisite: two years of college French or equivalent. Beattie. Thursday, 7:15-9:00; Room 213.

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. Monday, 7:15-9:00; Room 310.

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

This course extends the study of grammar. Translation of prose and poetry; conversation and composition. Apsler. Wednesday, 7:15-9:00; Room 310.

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, 7:15-9:00; Room 103.

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, 7:15-9:00; Room 2.

Spanish

LOWER-DIVISION COURSE

RL 11a, 11b, 12a. **First-Year Spanish (First Course).** 2 hours each term.

Translation of common prose, conversation, composition, and grammar. *Section I*, Herman. Tuesday, 7:15-9:00; Room 214. *Section II*, Arnett. Tuesday, 7:15-9:00; Room 213.

UPPER-DIVISION COURSES

RL 347, 348, 349. **Intermediate Spanish Composition and Conversation.** 2 hours each term.

Prerequisite: two years of college Spanish. Young. Wednesday, 7:15-9:00; Room 213.

RL 461, 462, 463. **Advanced Spanish Composition and Conversation.** 2 hours each term.

Normally required of all Spanish majors. Prerequisite: RL 347, 348, 349 or equivalent. Conducted in Spanish. Young. Thursday, 7:15-9:00; Room 204.

GENERAL STUDIES

Portland Center Adviser: DR. JAMES C. CAUGHLAN. University Committee: DR. E. H. MOORE, Chairman. State College Committee: DR. E. A. YUNKER, 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 distribution 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 102.

UPPER-DIVISION COURSES

Geo 429. **Geography of North America.** (G) 3 hours fall.

Physiography and resources of the continent; outstanding economic, social, and political trends, as influenced by these facts. Prerequisite: Geo 201, 202, 203 or consent of instructor. Thursday, 6:45-9:25; Room 106.

Geo 431. **Geography of Asia.** (G) 3 hours spring.

Physical geography of the continent; the main economic, social, and political problems viewed in relation to geography. Prerequisite: Geo 201, 202, 203 or consent of instructor. Thursday, 6:45-9:25; Room 106.

Geo 432. **Geography of Africa.** (G) 3 hours winter.

Physical geography of the continent; the main economic, social, and political problems viewed in relation to geography. Prerequisite: Geo 201, 202, 203 or consent of instructor. Thursday, 6:45-9:25; Room 106.

GEOLOGY

Instructor: DOLE.

LOWER-DIVISION COURSE

G 201, 202, 203. **Geology.** 3 hours each term.

Processes of nature by which the earth's surface has been built up, deformed, and torn down; natural history and occurrence of common rocks and useful minerals; outline of history of earth and life. Monday, 6:45-9:25; Room 214.

UPPER-DIVISION COURSES

G 350. **Rocks and Minerals.** 3 hours spring.

This course gives opportunity to become acquainted with rocks and minerals without having to meet the requirements of the more technical courses. Especially useful to students expecting to teach general science. Wednesday, 6:45-9:25; Room 106.

G 352. Geology of Oregon. 3 hours winter.

Affords opportunity to obtain a general knowledge of the geology of the state without having to meet the technical requirements imposed for a geology major. Wednesday, 6:45-9:25; Room 106.

HEALTH AND PHYSICAL EDUCATION

Professor: LEIGHTON. Associate Professors: MOORHEAD, POLEY.
Assistant Professors: SIGERSETH, WENTWORTH.

UPPER-DIVISION COURSES**HE 411, 412, 413. Health-Education Workshop.** (g) 3 hours each term.

For health teachers in the public schools. Each student will work out and organize complete materials, methods, daily assignments, class activities, and evaluations for health teaching, prepared and adjusted to his particular school. All work will be based on the manuals, *Health Instruction* and *Health Guide Units for Oregon Teachers*. *Fall*: units in structure and functions of the human body, first aid and safety, choice and use of health services, and health products. *Winter*: units on personal hygiene (including effects of alcoholic drinks, stimulants, and narcotics), nutrition, community health, and sanitation. *Spring*: units on physiology of exercise, communicable diseases, non-communicable diseases, and mental health (including family-life education). Prerequisite: consent of instructor. Moorhead. Tuesday: 6:45-9:25; Room 106.

PE 406. Special Problems: Fundamentals of Body Movement. 3 hours winter.
See course description under Graduate Courses.**PE 406. Special Problems: Materials and Methods of Folk Dancing.** 3 hours spring.
See course description under Graduate Courses.**GRADUATE COURSES****PE 506. Special Problems: Fundamentals of Body Movement.** 3 hours winter.
Designed particularly to aid women teachers by presenting methods and materials for teaching the fundamental body movements stressed in the physical-education program. Movement mechanics of walking, running, dancing, etc., functional posture, principles of conditioning the body for proper movement, methods of training in body movement. Prerequisite: consent of instructor. Wentworth. Thursday, 6:45-9:25; Room 2.**PE 506. Special Problems: Materials and Methods of Folk Dancing.** 3 hours spring.

American and foreign folk dances for the junior and senior high schools. Analysis of materials in terms of the objectives and standards of the Oregon physical-education programs. Special emphasis on teaching procedures directed to the achievement of objectives. Prerequisite: consent of instructor. Wentworth. Thursday, 6:45-9:25; Room 2.

PE 507. Seminar: Current Movements. 3 hours fall.

Analysis of recent interpretations of the functions and purposes of physical education. Study of different types of programs involved in recent trends in physical education. Particularly adapted to college teachers, supervisors, and administrators in physical education. Prerequisite: consent of instructor. Leighton. Tuesday, 6:45-9:25; Room 2.

PE 507. Seminar: Research Techniques. 3 hours winter.

Devoted to preparation for the use of research techniques in theses and other research. Prerequisite: consent of instructor. Sigerseth. Tuesday, 6:45-9:25; Room 2.

PE 507. Seminar: Developmental and Remedial Physical-Education Programs. 3 hours spring.

Prerequisite: consent of instructor. Poley. Tuesday, 6:45-9:25; Room 2.

HISTORY

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

LOWER-DIVISION COURSES**Hst 201, 202, 203. History of Western Civilization.** 3 hours each term.

The development of western civilization from early beginnings to the present time; political, social, and cultural factors; present conditions and problems. The three terms constitute a sequence but may be taken separately. Spurlock. Friday, 6:45-9:25; Room 111.

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 202.

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*: 1850 to 1870. *Winter*: 1870 to 1919. *Spring*: 1919 to the present. Learned. Tuesday, 6:45-9:25; Room 111.

Hst 443. History of France (Third Term). (G) 3 hours fall.

The history of France since 1815. Prerequisite: consent of instructor. Jonasson. Wednesday, 6:45-9:25; Room 111.

Hst 446. Recent Germany. (G) 3 hours winter.

The German Empire, the republican experiment, 1918-33, the National Socialist regime, World War II and after. Prerequisite: consent of instructor. Jonasson. Wednesday, 6:45-9:25; Room 111.

Hst 469. Recent England. (G) 3 hours spring.

Recent social, political, economic, and intellectual changes in Great Britain. Prerequisite: consent of instructor. Jonasson. Wednesday, 6:45-9:25; Room 111.

Hst 477. History of the Pacific Northwest. (G) 3 hours winter.

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 111.

Hst 478. History of Political Parties in the United States. (G) 3 hours fall.

Origin and history of political parties; issues; policies; changes in methods of nomination; presidential campaigns; minor parties. Prerequisite: Hst 201, 202, 203 or consent of instructor. Pollard. Thursday, 6:45-9:25; Room 111.

Hst 479. Forces and Influences in American History. (G) 3 hours spring.

Geographic influences; influence of the frontier; inheritance and tradition; economic forces; nationalism; sectionalism; manifest destiny; democracy. Prerequisite: Hst 201, 202, 203 or consent of instructor. Pollard. Thursday, 6:45-9:25; Room 111.

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 fall.
 To develop appreciation of beauty and suitability in home furnishings; materials and processes involved. Elective for students other than home economics majors. Jonasson. Wednesday, 7:15-9:00; Room 114.
- HAd 222. **Family Relationships.** 2 hours winter.
 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 114.

UPPER-DIVISION COURSES

- HAd 311, 312. **Child Development.** 3 hours each term, fall and winter.
 Growth and development of normal preschool child; observations in nursery school. Three recitations; 1 one-hour observation period. Jacoby. Thursday, 6:45-9:25; Room 206.
- HAd 413. **Child Development.** 3 hours spring.
 Growth and development in middle and late childhood and early adolescence. Prerequisite: HAd 311, 312. Jonasson. Monday, 6:45-9:25; Room 106.
- HAd 422. **Family Relationships.** 2 hours spring.
 Factors entering into adjustments within the modern family group. Prerequisite: HAd 222 or consent of instructor. Jonasson. Wednesday, 7:15-9:00; Room 114.

HORTICULTURE

Professor: BOUQUET.

LOWER-DIVISION COURSE

- Hrt 111. **Home Horticulture.** 2 hours winter.
 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 105.

LANDSCAPE ARCHITECTURE

Instructor: GERKE.

LOWER-DIVISION COURSE

- LA 277. **Planning Home Grounds.** 2 hours winter.
 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. Limited enrollment. Monday, 7:15-9:00; Room 203.

MATHEMATICS

Professor: PRICE.

LOWER-DIVISION COURSE

- Mth 201, 202, 203. **Differential and Integral Calculus.** 4 hours each term.
 Algebraic functions and their graphic representation; trigonometric and exponential functions and logarithms; hyperbolic functions, and technique in integration. Standard sequence for students of physical, biological, and social sciences. Prerequisite: Elementary Analysis or consent of instructor. Monday and Thursday, 7:15-9:00; Room 314.

MUSIC

Professor: WOLD. Instructor: BENTLEY.

LOWER-DIVISION COURSES

- Mus 111a, 111b, 112a. **Theory I (First Course).** 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. Monday, 7:15-9:00; Room 108.
- Mus 112b, 113a, 113b. **Theory I (Second Course).** 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. Tuesday, 7:15-9:00; Room 108.
- 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. Wold. Wednesday, 7:15-9:00; Room 108.

NURSING EDUCATION

Associate Professor: VREELAND. Instructors: FISHER, PECORE.

LOWER-DIVISION COURSES

- Nur 230. **Home Nursing.** 2 hours fall.
 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 105.
- Nur 450. **Technique in Ward Administration.** 3 hours fall.
 Responsibilities of the head nurse in ward management, teaching, and supervision. Fisher. Thursday, 6:45-9:25; Room 310.
- Nur 452. **Principles of Supervision.** 3 hours winter.
 A study of the fundamental principles underlying supervision. Vreeland. Thursday, 6:45-9:25; Room 310.

PHOTOGRAPHY

(See PHYSICS)

PHYSICAL EDUCATION

(See HEALTH AND PHYSICAL EDUCATION)

PHYSICS

Instructors: DEBERNARDIS, HELLER.

LOWER-DIVISION COURSES

Ph 161. Rudiments of Photography. 2 hours spring.

Planned for beginners in photography. The topics covered include cameras, printing, enlarging, developing, composition, materials, and lighting. Opportunities for field trips and print clinics will be provided. Limited enrollment. DeBernardis. Wednesday, 7:15-9:00; Room 103.

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. Heller. *Lecture and recitation*, Monday, 6:45-9:25; Room 306. *Laboratory*, Wednesday, 7:00-9:00; Room 306.

PSYCHOLOGY

Professor: GRIFFITH. Assistant Professors: COURTS, 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 reference to motivation, learning, thinking, perceiving, and individual differences. Wilcox. 6:45-9:25.

Fall: Psy 201. Section I, Monday, Room 216.
Psy 201. Section II, Wednesday, Room 104.

Winter: Psy 201. Wednesday, Room 104.
Psy 202. Monday, Room 216.

Spring: Psy 201. Monday, Room 216.
Psy 202. Wednesday, Room 104.

Psy 204. Psychology of Adjustment. 3 hours spring.

The nature and origins of differences in personality; means of making desired changes. Prerequisite: Psy 201, 202. Courts. Friday, 6:45-9:25; Room 104.

Psy 205. Applied Psychology. 3 hours winter.

A survey of the ways in which psychology is applied to advertising, salesmanship, market research, measurement of opinion, occupational placement, development of personal efficiency. Prerequisite: Psy 201, 202. Courts. Friday, 6:45-9:25; Room 104.

UPPER-DIVISION COURSES

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

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. Griffith. Friday, 6:45-9:25; Room 104.

Psy 421, 422, 423. Systematic Psychology. (G) 2 hours each term.

Contemporary systems: Gestalt psychology, purposive behaviorism, topological psychology, psychoanalysis, etc. Aims of psychology, nature of explanation, and functions of abstractions in psychology. Prerequisite: consent of instructor. Courts. Wednesday, 7:15-9:00; Room 308.

PUBLIC HEALTHProfessors: SEARS, WEINZIRL. Assistant Professor: VEAZIE.
Instructors: JUNGCK, MADDOCK.

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. Sears. Tuesday, 7:15-9:00; Room 314.

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.

Phy 411p, 412p, 413p. Human Physiology. 2 hours each term.

A study of the function of the various tissues, organs, and systems of the human body. *Fall:* blood, heart circulation, and respiration. *Winter:* digestive system, metabolism, kidney, and endocrine system. *Spring:* brain and spinal cord, nerve and muscle, and special senses. Prerequisite: high-school chemistry or its equivalent. Jungck and Maddock. Wednesday, 7:15-9:00; Room 314.

GRADUATE COURSE

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

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 315.

PUBLIC SPEAKING

(See SPEECH)

SCIENCE

(See CHEMISTRY, PHYSICS, ZOOLOGY)

SOCIOLOGY

Professor: W. SMITH. Associate Professor: BERREMAN. Assistant Professor: PARSONS.
Instructor: DRUM.

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 103.

UPPER-DIVISION COURSES

Soc 340p, 341p, 342p. **Social Work and Public Welfare.** 3 hours each term.

Fall: history and current philosophies of social work; the fields of case work, group work, and community organization; qualifications for and training of social workers. *Winter:* the field of public welfare as an extension of governmental responsibility; history, principles, and current practices of public welfare. *Spring:* problems of child welfare; the child as seen in his own home and in the substitute home; the responsibilities of the state for children, historically and in current practices. The work of any term may be taken independently. Parsons. Tuesday, 6:45-9:25; Room 310.

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

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. Drum. Wednesday, 6:45-9:25; Room 2.

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

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. Drum. Wednesday, 6:45-9:25; Room 2.

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

Nature and extent of delinquent behavior; contributing factors; current preventive programs and rehabilitating agencies. Prerequisite: general sociology or consent of instructor. Drum. Wednesday, 6:45-9:25; Room 2.

Soc 437. **Sociology of Race Relations.** (G) 3 hours winter.

The development of "race consciousness" and emergent problems of race-culture contacts. Prerequisite: introductory course in sociology, anthropology, or psychology. Berreman. Wednesday, 6:45-9:25; Room 103.

SPEECH

Associate Professor: COLLIER. Instructors: CHURCHILL, MARYE, D. SMITH, H. SMITH.

LOWER-DIVISION COURSES

Sp 111, 112, 113. **Fundamentals of Speech.** 2 hours each term.

Emphasis on the following basic skills: adjustment to the speech situation, symbolic formulation and expression, phonation and articulation. Projects in extempore speaking, discussion, oral reading, and interpretation. To lay the foundation for a direct, forceful way of speaking. Collier. Thursday, 7:15-9:00; Room 201.

Sp 114. **Voice and Diction.** 3 hours each term, fall and spring.

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. Monday, 6:45-9:25; Room 203.

Sp 221. **Public Discussion.** 2 hours spring.

Preparation of speeches for delivery before public audiences. Practice in group discussion and chairmanship. Collier. Friday, 7:15-9:00; Room 106.

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

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, 7:15-9:00; Room 106.

Sp 241. **Survey of Broadcasting.** 2 hours fall.

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. H. Smith. Monday, 7:15-9:00; Room 2.

UPPER-DIVISION COURSES

Sp 341. **Radio Workshop.** 2 hours spring.

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. H. Smith. Monday, 7:15-9:00; Room 313.

Sp 344. **Radio Program Production.** 2 hours winter.

A survey of the considerations and techniques used by a producer in preparing for broadcast and in broadcasting the chief types of radio programs. The approach will be from the standpoint of the producer who is responsible for the direction of all elements of the presentation from the inception of an idea through rehearsal and actual broadcast. Students will participate in projects designed to give practical application to the techniques discussed. Prerequisite: Sp 341 or consent of instructor. H. Smith. Monday, 7:15-9:00; Room 313.

Sp 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. D. Smith. Wednesday, 7:00-8:45; Room D, Central Library.

Sp 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: Sp 351, 352, 353 or consent of instructor. Smith, Marye. Thursday, 7:15-9:00; Room 318.

ZOOLOGY

Professor: MACNAB. Instructor: FOULK.

LOWER-DIVISION COURSE

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 213. *Laboratory*, Foulk. Wednesday, 6:45-9:25; Room 313. Laboratory fee, \$3.00 each term.

Schedule of Classes

LINCOLN HIGH SCHOOL

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

MONDAY

| Course, Term, Instructor | Time | Room |
|---|-------------------------------------|------|
| BUSINESS ADMINISTRATION | | |
| BA 111, 112, 113. Constructive Accounting (F,W,S) Skelton | 6:45-9:25 | 104 |
| BA 111, 112, 113. Constructive Accounting (F,W) Wallsinger | 6:45-9:25 | 105 |
| BA 323. Office Organization and Management (S) Wallsinger | 7:15-9:00 | 105 |
| BA 412, 413. Personnel Management (F,W,S) Williams | 7:15-9:00 | 103 |
| BA 420a, 420b. C. P. A. Problems (F,W) Wilson | 7:15-9:00 | 102 |
| BA 483, 484, 485. Accounting Theory and Practice (F,W,S) Janney | 6:45-9:25 | 114 |
| BA 08, 09, 010. Advanced Course in Industrial Supervision (F,W,S) Crooks | 7:15-9:00 | 308 |
| DAIRY MANUFACTURING | | |
| DH 01. In-Service Training Course in Milk Processing (W) Wilster | 7:15-9:00 | 2 |
| ECONOMICS | | |
| Ec 425a, 425b. Labor Problems (G) (F,W) Mater | 7:15-9:00 | 106 |
| EDUCATION | | |
| Ed 311. Secondary Education in American Life (W) Bortolazzo | 6:45-9:25 | 204 |
| Ed 312. Educational Psychology (F) Masten | 6:45-9:25 | 113 |
| Ed 313. Principles of Teaching (S) Bortolazzo | 6:45-9:25 | 204 |
| Ed 460. Applied Mental Hygiene (W) Masten | 6:45-9:25 | 113 |
| Ed 463. The Maladjusted Child (G) (W) Killgallon | 6:45-9:25 | 318 |
| Ed 507. Seminar: Research Problems in Education (F,W,S) Caughlan | (Hours and place to be arranged) | |
| Ed 461. Child Development (S) Masten | 6:45-9:25 | 113 |
| Ed 524. Measurement in Education (F) Kambly | 6:45-9:25 | 204 |
| ENGINEERING | | |
| GE 101, 102, 103. Engineering Problems (F,W,S) Comfort, Greiling | 6:45-9:25 | 313 |
| EE 405. Reading and Conference: National Electric Code and National Safety Code (S) Arnett | 6:45-9:25 | 315 |
| EE 461. Wire Communication (W) Roberts | 6:45-9:25 | 315 |
| EE 541. Electric Power Systems (F) Bills | 6:45-9:25 | 315 |
| ENGLISH | | |
| Eng 201, 202, 203. Shakespeare (F,W,S) Franchère | 6:45-9:25 | 112 |
| Eng 388. Children's Literature (F) Henkle | 6:45-9:25 | 318 |
| Eng 430, 431, 432. Literature of the Renaissance (G) (F,W,S) Allen | 6:45-9:25 | 111 |
| Rht 114, 115, 116. Vocabulary Building (F,W,S) Collier | 6:45-9:25 | 201 |
| Rht 117, 118, 119. Good Usage in Speech and Writing (F,W,S) Hunner | 7:15-9:00 | 205 |
| Rht 01, 02, 03. Workshop in the Long Fiction (F,W,S) Powers | 7:15-9:00 | 110 |
| FOREIGN LANGUAGES | | |
| RL 2h, 3a, 3b. First-Year French (Second Course) (F,W,S) Beattie | 7:15-9:00 | 206 |
| GL 2h, 3a, 3b. First-Year German (Second Course) (F,W,S) Apsler | 7:15-9:00 | 310 |
| GEOLOGY | | |
| G 201, 202, 203. Geology (F,W,S) Dole | 6:45-9:25 | 214 |
| HISTORY | | |
| Hst 201, 202, 203. History of the United States (F,W,S) Spurlock | 6:45-9:25 | 202 |
| HOME ECONOMICS | | |
| HAd 413. Child Development (S) Jonasson | 6:45-9:25 | 106 |

| Course, Term, Instructor | Time | Room |
|--|-----------|------|
| LANDSCAPE ARCHITECTURE | | |
| LA 277. Planning Home Grounds (W) Gerke | 7:15-9:00 | 203 |
| MATHEMATICS | | |
| Mth 201, 202, 203. Differential and Integral Calculus (F,W,S) Price | 7:15-9:00 | 314 |
| MUSIC | | |
| Mus 111a, 111b, 112a. Theory I (First Course) (F,W,S) Bentley | 7:15-9:00 | 108 |
| PHYSICS | | |
| Ph 201, 202, 203. General Physics (F,W,S) Heller | 6:45-9:25 | 306 |
| PSYCHOLOGY | | |
| Psy 201, 202. General Psychology (F,W) Wilcox | 6:45-9:25 | 216 |
| SPEECH | | |
| Sp 114. Voice and Diction (F,S) Churchill | 6:45-9:25 | 203 |
| Sp 241. Survey of Broadcasting (F) H. Smith | 7:15-9:00 | 2 |
| Sp 341. Radio Workshop (S) H. Smith | 7:15-9:00 | 313 |
| Sp 344. Radio Program Production (W) H. Smith | 7:15-9:00 | 313 |
| ZOOLOGY | | |
| Z 201, 202, 203. General Zoology (F,W,S) Macnab | 7:15-9:00 | 213 |

TUESDAY

| Course, Term, Instructor | Time | Room |
|---|-----------|------------------|
| BUSINESS ADMINISTRATION | | |
| BA 111, 112, 113. Constructive Accounting (F,W,S) Skelton | 6:45-9:25 | 104 |
| BA 489, 490, 491. Advanced Accounting Theory and Practice (F,W,S) Janney | 6:45-9:25 | 114 |
| BA 05, 06, 07. Elements of Supervision (F,W,S) Trowbridge | 7:15-9:00 | 204 |
| BA 467. Public Utility Management (G) (W) Conkling | 6:45-9:25 | 315 |
| ECONOMICS | | |
| Ec 437. Economic Problems of Federal Regulation (G) (F) Staten | 7:15-9:00 | 203 |
| Ec 438. Government Control of Private Business (G) (W) Staten | 6:45-9:25 | 203 |
| EDUCATION | | |
| Ed 431. Construction and Use of Visual Aids (G) (S) Hahn | 6:45-9:25 | 103 |
| Ed 450. Radio Education (G) (S) Morris | 6:45-9:25 | 203 |
| Ed 485. Guidance and Personnel Practices (G) (F) Zeran | 6:45-9:25 | 216 |
| Ed 486. Current Occupational Trends (G) (W) Zeran | 6:45-9:25 | 216 |
| Ed 487. Counseling (G) (S) Williamson | 6:45-9:25 | 216 |
| Ed 512. Research Procedures in Education (F) Clinton | 6:45-9:25 | 202 |
| Ed 517. Statistical Methods in Education (S) Clinton | 6:45-9:25 | 202 |
| Ed 572. Basic Course in School Organization (F) Lantz | 6:45-9:25 | 113 |
| Ed 573. Basic Course in School Administration (W) Lantz | 6:45-9:25 | 113 |
| Ed 574. Basic Course in School Supervision (S) Lantz | 6:45-9:25 | 113 |
| Ed 575. School Finance (W) Cramer | 6:45-9:25 | 103 |
| ENGINEERING | | |
| GE 111, 112, 113. Engineering Drawing (F,W,S) Smith | 6:45-9:25 | Vnpt. Ext. Cntr. |
| GE 405. Reading and Conference: Soil Mechanics (F) Brown | 7:15-9:00 | 105 |
| EE 405. Reading and Conference: Engineering Law (S) (Instructor to be announced) | 6:45-9:25 | 315 |
| ENGLISH | | |
| Eng 111, 112, 113. English Composition (F,W,S) Collier | 6:45-9:25 | 201 |
| Eng 331, 332, 333. The Democratic Tradition in Literature (F,W,S) Franchère | 6:45-9:25 | 112 |
| Eng 470, 471, 472. Nineteenth-Century Prose (G) (F,W,S) Hunner | 6:45-9:25 | 205 |
| Rht 317. Versification (S) Powers | 7:15-9:00 | 110 |
| Rht 354, 355. Advanced Creative Writing (F,W) Powers | 7:15-9:00 | 110 |
| FOREIGN LANGUAGES | | |
| AL 01, 02, 03. Esperanto (F,W,S) Clifford | 7:15-9:00 | 318 |
| RL 1a, 1b, 2a. First-Year French (First Course) (F,W,S) Beattie | 7:15-9:00 | 206 |
| RL 11a, 11b, 12a. First-Year Spanish (F,W,S) Herman | 7:15-9:00 | 214 |
| RL 11a, 11b, 12a. First-Year Spanish (F,W,S) Arnett | 7:15-9:00 | 213 |
| SL 11a, 11b, 12a. First-Year Russian (First Course) (F,W,S) Krivoshein | 7:15-9:00 | 103 |

| Course, Term, Instructor | Time | Room |
|---|-----------|-------------|
| GEOGRAPHY | | |
| Geo 201, 202, 203. Geography (F,W,S) Newhouse..... | 6:45-9:25 | 102 |
| HEALTH AND PHYSICAL EDUCATION | | |
| HE 411, 412, 413. Health-Education Workshop (G) (F,W,S) Moorhead..... | 6:45-9:25 | 106 |
| PE 507. Seminar: Current Movements. (F) Leighton..... | 6:45-9:25 | 2 |
| PE 507. Seminar: Research Techniques (W) Sigereth..... | 6:45-9:25 | 2 |
| PE 507. Seminar: Development and Remedial Physical- Education Programs (S) Poley..... | 6:45-9:25 | 2 |
| HISTORY | | |
| Hst 341, 342, 343. Europe Since 1815 (F,W,S) Learned..... | 6:45-9:25 | 111 |
| HORTICULTURE | | |
| Hrt 111. Home Horticulture (W) Bouquet..... | 7:15-9:00 | 105 |
| MUSIC | | |
| Mus 112b, 113a, 113b. Theory I (Second Course) (F,W,S) Bentley..... | 7:15-9:00 | 108 |
| PUBLIC HEALTH | | |
| Bac 348, 349, 350. Microbiology and Communicable Diseases (F,W,S) Sears..... | 7:15-9:00 | 314 |
| Bac 352a, 352b, 352c. Medical Bacteriology and Parasitology Laboratory (F,W,S) Veazie..... | 7:15-9:00 | Med. School |
| SOCIOLOGY | | |
| Soc 340p, 341p, 342p. Social Work and Public Welfare (F,W,S) Parsons..... | 6:45-9:25 | 310 |

WEDNESDAY

| Course, Term, Instructor | Time | Room |
|---|-----------|-------------|
| ANTHROPOLOGY | | |
| Anth 314, 315, 316. Beginning and Development of Civilizations (F,W,S) Merz..... | 6:45-9:25 | 202 |
| BUSINESS ADMINISTRATION | | |
| BA 339. General Advertising (F) Millican..... | 6:45-9:25 | 315 |
| BA 416, 417, 418. Business Law (F,W,S) Collier..... | 6:45-9:25 | 201 |
| BA 441. Radio Advertising (S) Millican..... | 7:15-9:00 | 315 |
| BA 446. Advertising Copywriting (W) Millican..... | 7:15-9:00 | 315 |
| CHEMISTRY | | |
| Ch 104, 105, 106. General Chemistry Lecture (F,W,S) Todd..... | 6:30-8:30 | Med. School |
| ECONOMICS | | |
| Ec 201, 202, 203. Principles of Economics (F,W,S) Elkinton..... | 6:45-9:25 | 203 |
| EDUCATION | | |
| Ed 316. Oregon School Law and System of Education (F,W,S) Campbell..... | 7:15-9:00 | 102 |
| Ed 362. Story Telling (W) Morris..... | 7:15-9:00 | 105 |
| Ed 418. Educational Tests and Measurements (S) Baron..... | 6:45-9:25 | 105 |
| Ed 435. Audio-Visual Aids (G) (F) DeBernardis..... | 7:15-9:00 | 103 |
| Ed 461. Adolescence: Growth and Development of the Individual (G) (F) Bernard..... | 6:45-9:25 | 216 |
| Ed 481. Alcohol Studies in the School Curriculum (F) Ferrier..... | 7:15-9:00 | 106 |
| Ed 512. Research Procedures in Education (S) Bernard..... | 6:45-9:25 | 216 |
| Ed 552. Organization of Elementary Schools (F) Langston..... | 6:45-9:25 | 204 |
| Ed 553. Curriculum of the Elementary Schools (W) Langston..... | 6:45-9:25 | 204 |
| Ed 554. Supervision of Elementary Schools (S) Langston..... | 6:45-9:25 | 204 |
| Ed 586. Philosophy of Education (W) Bernard..... | 6:45-9:25 | 216 |
| ENGINEERING | | |
| GE 101, 102, 103. Engineering Problems (F,W,S) Comfort, Greiling..... | 6:45-9:25 | 318 |
| GE 382a, 382b. Structural Analysis (F,W) Holcomb..... | 7:15-9:00 | 214 |
| ENGLISH | | |
| Eng 478, 479, 480. The Modern Spirit in American Literature (G) (F,W,S) Franchère..... | 6:45-9:25 | 112 |
| Rht 111, 112. English Composition (W,S) Hunner..... | 6:45-9:25 | 205 |
| Rht 217. Business English (F) Hunner..... | 6:45-9:25 | 205 |
| Rht 311, 312, 313. Advanced Short-Story Writing (F,W,S) Powers..... | 7:15-9:00 | 110 |

| Course, Term, Instructor | Time | Room |
|---|-----------|-----------------|
| FOREIGN LANGUAGES | | |
| RL 4a, 4b, 5a. Second-Year French (First Course) (F,W,S) Beattie..... | 7:15-9:00 | 206 |
| GL 2b, 3a, 3b. First-Year German (First Course) (F,W,S) Apsler..... | 7:15-9:00 | 310 |
| RL 347, 348, 349. Intermediate Spanish Composition and Conversation (F,W,S) Young..... | 7:15-9:00 | 213 |
| GENERAL SCIENCE | | |
| Sc 201, 202, 203. Foundations of Physical Science (F,W,S) Lange..... | 6:45-9:25 | 113 |
| GEOLOGY | | |
| G 350. Rocks and Minerals (S) Dole..... | 6:45-9:25 | 106 |
| G 352. Geology of Oregon (W) Dole..... | 6:45-9:25 | 106 |
| HISTORY | | |
| Hst 443. History of France (Third Term) (G) (F) Jonasson..... | 6:45-9:25 | 111 |
| Hst 446. Recent Germany (G) (W) Jonasson..... | 6:45-9:25 | 111 |
| Hst 469. Recent England (G) (S) Jonasson..... | 6:45-9:25 | 111 |
| HOME ECONOMICS | | |
| CT 231. Home Furnishing (F) Jonasson..... | 7:15-9:00 | 114 |
| HAd 222. Family Relationships (W) Jonasson..... | 7:15-9:00 | 114 |
| HAd 422. Family Relationships (S) Jonasson..... | 7:15-9:00 | 114 |
| MUSIC | | |
| Mus 127, 128, 129. Appreciation of Music (F,W,S) Wold..... | 7:15-9:00 | 108 |
| NURSING EDUCATION | | |
| Nur 230. Home Nursing (F) Pecore..... | 7:15-9:00 | 105 |
| PHYSICS | | |
| Ph 161. Rudiments of Photography (S) DeBernardis..... | 7:15-9:00 | 103 |
| Ph 201, 202, 203. General Physics Laboratory (F,W,S) Heller..... | 7:00-9:00 | 306 |
| PHYSIOLOGY | | |
| Phy 411p, 412p, 413p. Human Physiology (F,W,S) Jungck, Maddock..... | 7:15-9:00 | 314 |
| PSYCHOLOGY | | |
| Psy 201, 202. General Psychology (F,W) Wilcox..... | 6:45-9:25 | 104 |
| Psy 204. Psychology of Adjustment (S) Wilcox..... | 6:45-9:25 | 104 |
| Psy 421, 422, 423. Systematic Psychology (G) (F,W,S) Courts..... | 7:15-9:00 | 308 |
| SOCIOLOGY | | |
| Soc 415. Criminology (G) (F) Drum..... | 6:45-9:25 | 2 |
| Soc 416. Penology (G) (W) Drum..... | 6:45-9:25 | 2 |
| Soc 417. Juvenile Delinquency (G) (S) Drum..... | 6:45-9:25 | 2 |
| Soc 437. Sociology of Race Relations (G) (W) Berreman..... | 6:45-9:25 | 103 |
| SPEECH | | |
| Sp 351, 352, 353. Technique of Acting (F,W,S) Smith..... | 6:45-9:25 | Central Library |
| ZOOLOGY | | |
| Z 201, 202, 203. General Zoology Laboratory (F,W,S) Fouk..... | 6:45-9:25 | 313 |

THURSDAY

| Course, Term, Instructor | Time | Room |
|---|------------|-----------|
| ART EDUCATION | | |
| A 352. Art in Environment (S) Halvorsen..... | 7:15-9:00 | 315 |
| A 353. Art Appreciation (W) Halvorsen..... | 7:15-9:00 | 315 |
| BUSINESS ADMINISTRATION | | |
| BA 111, 112. Constructive Accounting (W,S) Parker..... | 6:45-9:25 | 104 |
| BA 111, 112. Constructive Accounting (W,S) Wallsinger..... | 6:45-9:25 | 105 |
| BA 113. Constructive Accounting (F) Parker..... | 6:45-9:25 | 104 |
| BA 222. Elements of Finance (W) Ballaine..... | 6:45-9:25 | 216 |
| BA 223. Elements of Marketing (F) Ballaine..... | 6:45-9:25 | 216 |
| BA 428, 429. Human Relations in Supervision (G) (W) Standing (S) Campbell..... | 6:45-9:25 | 214 |
| BA 432. Business Statistics (S) Ballaine..... | 6:45-9:25 | 216 |
| BA 471, 472, 473. Foreign-Trade Technique (G) (F,W,S) Lomax..... | 6:45-9:25 | 114 |
| BA 492, 493. Income-Tax Procedure (F,W) Pattullo..... | 7:15-9:00 | 113 |
| CHEMISTRY | | |
| Ch 104, 105, 106. General Chemistry Laboratory (F,W,S) Bock..... | 6:30-10:00 | Med. Sch. |

| Course, Term, Instructor | Time | Room |
|---|-----------|------------------|
| EDUCATION | | |
| Ed 380. Elementary School Library (W) Hofstetter..... | 7:15-9:00 | 318 |
| Ed 408(a). Methods and Materials (F) Halvorsen..... | 6:45-9:25 | 315 |
| Ed 460. Psychology of Childhood (G) (S) Caughlan..... | 6:45-9:25 | 202 |
| Ed 465. Diagnostic and Remedial Instruction in Reading and Literature (F) Phelps..... | 7:15-9:00 | 110 |
| Ed 466. Diagnostic and Remedial Instruction in the Skills (W) Phelps..... | 6:45-9:25 | 110 |
| Ed 492. Recent Trends in Language Arts (G) (S) Phelps..... | 6:45-9:25 | 110 |
| Ed 581. Curriculum Foundations (F) Caughlan..... | 6:45-9:25 | 202 |
| Ed 583. Unit Construction (W) Caughlan..... | 6:45-9:25 | 202 |
| ENGINEERING | | |
| GE 111, 112, 113. Engineering Drawing (F,W,S) Smith..... | 6:45-9:25 | Vnpt. Ext. Cntr. |
| ENGLISH | | |
| Eng 101, 102, 103. Survey of English Literature (F,W,S) Franchère..... | 6:45-9:25 | 112 |
| Rht 111, 112, 113. English Composition (F,W,S) Litchfield..... | 6:45-9:25 | 203 |
| Rht 111, 112, 113. English Composition (F,W) Hunner..... | 6:45-9:25 | 205 |
| Rht 217. Business English (S) Hunner..... | 6:45-9:25 | 205 |
| FOREIGN LANGUAGES | | |
| SL 12b, 13a, 13b. First-Year Russian (Second Course) (F,W,S) Krivoshein..... | 7:15-9:00 | 2 |
| RL 314, 315, 316. Intermediate French Composition and Conversation (F,W,S) Beattie..... | 7:15-9:00 | 213 |
| RL 461, 462, 463. Advanced Spanish Composition and Conversation (F,W,S) Young..... | 7:15-9:00 | 204 |
| GEOGRAPHY | | |
| Geo 429. Geography of North America (G) (F) Newhouse..... | 6:45-9:25 | 106 |
| Geo 431. Geography of Asia (G) (W) Newhouse..... | 6:45-9:25 | 106 |
| Geo 432. Geography of Africa (G) (S) Newhouse..... | 6:45-9:25 | 106 |
| HEALTH AND PHYSICAL EDUCATION | | |
| PE 406 and 506. Special Problems: Fundamentals of Body Movement (W) Wentworth..... | 6:45-9:25 | 2 |
| PE 406 and 506. Special Problems: Fundamentals of ods of Folk Dancing (S) Wentworth..... | 6:45-9:25 | 2 |
| HISTORY | | |
| Hst 477. History of the Pacific Northwest (G) (W) Pollard..... | 6:45-9:25 | 111 |
| Hst 478. History of Political Parties in the United States (G) (F) Pollard..... | 6:45-9:25 | 111 |
| Hst 479. Forces and Influences in American History (G) (S) Pollard..... | 6:45-9:25 | 111 |
| HOME ECONOMICS | | |
| HAd 311, 312. Child Development (F,W) Jacoby..... | 6:45-9:25 | 206 |
| MATHEMATICS | | |
| Mth 201, 202, 203. Differential and Integral Calculus (F,W,S) Price..... | 7:15-9:00 | 314 |
| NURSING EDUCATION | | |
| Nur 450. Technique in Ward Administration (F) Vreeland..... | 6:45-9:25 | 310 |
| Nur 452. Principles of Supervision (W) Vreeland..... | 6:45-9:25 | 310 |
| PUBLIC HEALTH | | |
| Bac 351a, 352b, 351c. General Microbiology Laboratory (F,W,S) Veazie..... | 7:15-9:00 | Med. Sch. |
| Ph 511. Principles of Public Health (W) Weinzirl..... | 6:45-9:25 | 313 |
| SOCIOLOGY | | |
| Soc 204, 205, 206. General Sociology (F,W,S) Smith..... | 6:45-9:25 | 103 |
| SPEECH | | |
| Sp 111, 112, 113. Fundamentals of Speech (F,W,S) Collier..... | 7:15-9:00 | 201 |
| Sp 451, 452, 453. Theory of Acting (Blue Room Playcrs) (F,W,S) D. Smith, Marye..... | 7:15-9:00 | 318 |

FRIDAY

| Course, Term, Instructor | Time | Room |
|--|-----------|------|
| BUSINESS ADMINISTRATION | | |
| BA 221. Elements of Organization (S) Ziebarth..... | 6:45-9:25 | 102 |
| BA 450, 451. Industrial Traffic Management (G) (F,W) Ziebarth..... | 6:45-9:25 | 102 |
| BA 436a, 436b. Retail Merchandising (F,W) Comish..... | 7:15-9:00 | 113 |
| BA 442. Principles of Salesmanship (S)..... | 6:45-9:25 | 113 |
| EDUCATION | | |
| Ed 358. Primary Education (F) Phelps..... | 6:45-9:25 | 103 |
| Ed 359. Intermediate and Upper-Grade Education (W) Phelps..... | 6:45-9:25 | 103 |
| Ed 406. Problems in Elementary Education (S) Phelps..... | 6:45-9:25 | 103 |
| Ed 522. Problems in American Secondary Education (W) Jacobson..... | 6:45-9:25 | 112 |
| Ed 561. Advanced Educational Psychology (F) Eiserer..... | 6:45-9:25 | 112 |
| Ed 582. Curriculum Survey (S) Wood..... | 6:45-9:25 | 112 |
| ENGLISH | | |
| Rht 111, 112, 113. English Composition (F,W,S) Hunner..... | 6:45-9:25 | 110 |
| HISTORY | | |
| Hst 201, 202, 203. History of Western Civilization (F,W,S) Spurlock..... | 6:45-9:25 | 111 |
| PSYCHOLOGY | | |
| Psy 204. Psychology of Adjustment (S) Courts..... | 6:45-9:25 | 104 |
| Psy 205. Applied Psychology (W) Courts..... | 6:45-9:25 | 104 |
| Psy 413. Abnormal Psychology (G) (F) Griffith..... | 6:45-9:25 | 104 |
| SPEECH | | |
| Sp 221. Public Discussion (S) Collier..... | 7:15-9:00 | 106 |
| Sp 225, 226. Public Speaking for Business and Professional Men and Women (F,W) Collier..... | 7:15-9:00 | 106 |

State-Wide Adult Classes

Any group of adults anywhere in the state of Oregon may secure an extension class at the adult level, if a sufficient enrollment is guaranteed to cover actual operating cost and a meeting place is available. The fees are the same as for campus classes, and all courses meet campus credit requirements unless otherwise stated. The list of courses appearing below represents those organized throughout the state during 1947-48, and in no way limits the choice. Actually, a subject may be chosen from among those listed in the catalogs of the University, the State College, or the colleges of education; or special nonformal subjects may be selected. Approved instructors are supplied by the General Extension Division.

The statement regarding fees and refunds on page 15 of this catalog also applies in its entirety to the state-wide classes. Inquiries should be directed to the Department of State-Wide Classes, General Extension Division, Eugene, Oregon.

ARCHITECTURE AND ALLIED ARTS

- A 0290. Lower-Division Painting. No credit.
- A 0296. Lower-Division Applied Design: Weaving. No credit.
- A 0296. Lower-Division Applied Design: Ceramics. No credit.
- A 0296. Lower-Division Applied Design: Jewelry. No credit.
- A 114. Survey of Visual Arts: Art Appreciation. 2-3 hours.
- A 169. Representation I. 1 hour.
- A 211. Art Structure I. 3 hours.
- A 212. Art Structure II. 3 hours.
- A 219. Pottery. 2 hours.
- A 290. Lower-Division Painting. 2-3 hours.
- A 291. Lower-Division Drawing: Sketching. 2 hours.
- A 296. Lower-Division Applied Design: Ceramics. 1 hour.
- A 311. Art Structure III. 2-3 hours.
- A 316. Clay Modeling. 2 hours.
- A 352. Art in Environment. 2 hours.
- A 353. Art Appreciation. 3 hours.

ARTS AND LETTERS

- AL 07. Great Books: Masterpieces of Literature. No credit.
- AL 07. Great Books: Books That Have Influenced the Course of Modern Thought. No credit.
- AL 07. Recent and Contemporary Currents in Creative Thought. No credit.
- AL 321. Classic Myths. 1 hour.
- AL 477. Dante and His Times. (G) 2 hours.

BUSINESS ADMINISTRATION

- BA 111, 112, 113. Constructive Accounting. 3 hours.
- BA 211. Principles of Accounting. 3 hours.
- BA 411. Business Public Relations. 2 hours.
- BA 414. Personnel Management. (G) 2 hours.
- BA 436. Retail Merchandising. 2 hours.
- BA 465. Effective Selling and Promotion. 3 hours.

CIVIL ENGINEERING

- CE 221. Plane Surveying. 3 hours.

CLOTHING, TEXTILES, AND RELATED ARTS

- CT 250. Textiles. 3 hours.

EDUCATION

- Ed 316. Oregon School Law and System of Education. 2 hours.
- Ed 350. Elementary School Curriculum. 3 hours.
- Ed 406. Problems in Elementary Education. 2 hours.
- Ed 407. Seminar. Hours to be arranged.
- Ed 408. Methods and Materials: Teaching of Art. 3 hours.
- Ed 408. Methods and Materials: Creative Design. 2 hours.

- Ed 408. Special Teaching Methods: Music. 3 hours.
- Ed 431. Construction and Use of Visual Aids. 2 hours.
- Ed 435. Audio-Visual Aids in Education. 3 hours.
- Ed 436. Education of the Handicapped Child. 3 hours.
- Ed 445. Teaching of Art. 3 hours.
- Ed 450. Radio Education. 2 hours.
- Ed 453. Secondary Education Workshop. (G) 3-4 hours.
- Ed 455. Primary Education Workshop. (G) 3-4 hours.
- Ed 457. Intermediate and Upper-Grade Education Workshop. (G) 3-4 hours.
- Ed 460. Applied Mental Hygiene. 3 hours.
- Ed 461. Child Development. 3 hours.
- Ed 465. Diagnostic and Remedial Techniques. 3 hours.
- Ed 466. Diagnostic and Remedial Instruction in the Skills. 3 hours.
- Ed 468. Hygiene of Learning. 3 hours.
- Ed 469. Remedial Reading for Upper Grades and High School. (G) 3 hours.
- Ed 471. Personal and Family Relationships. 3 hours.
- Ed 472. Basic Course in School Organization. 3 hours.
- Ed 473. Basic Course in School Administration. 3 hours.
- Ed 474. Basic Course in School Supervision. 3 hours.
- Ed 478. Improvement of Instruction in Reading. 3 hours.
- Ed 481. Alcohol Studies in the School Curriculum. (G) 2 hours.
- Ed 485. Guidance and Personnel Practices. 3 hours.
- Ed 487. Counseling. 3 hours.
- Ed 492. Social Education. 3 hours.
- Ed 495. Principles of Education. 3 hours.
- Ed 501. Education Research. 3 hours.
- Ed 505. Reading and Conference: Philosophy of Education. 3 hours.
- Ed 507. Seminar. Hours to be arranged.
- Ed 511. Recent Trends and Problems in Education. 3 hours.
- Ed 564. Mental Tests. 3 hours.

ENGLISH

- Eng 111, 112, 113. English Composition. 3 hours.
- Eng 204, 205, 206. American Literature. 3 hours.

GENERAL ENGINEERING

- GE 121, 122. Engineering Drawing. 3 hours.

GENERAL SCIENCE

- GS. 311. Natural History of Oregon. 3 hours.

GEOGRAPHY

- Geo 106. Introductory Geography: Economic Geography. 2 hours.
- Geo 320. Political Geography. 2 hours.
- Geo 429. Geography of North America. 3 hours.
- Geo 430. Geography of South America. 3 hours.

HEALTH AND PHYSICAL EDUCATION

- PE 01. Body Conditioning for Women. No credit.
- PE 02. Square Dancing for Couples. No credit.
- PE 406. Personal Problems of Daily Living. 3 hours.
- PE 406d. Special-Problems Workshop: Physical Education. 3 hours.
- PE 506a, 506b, 506c. Special-Problems Workshop: Health Education. 3 hours.
- PE 506d. Special-Problems Workshop: Physical Education. 2 hours.

HISTORY

- Hst 203. History of Western Civilization. 3 hours.
- Hst 377. Oregon History. 2 hours.
- Hst 393. The Far East in Modern Times. 2 hours.
- Hst 447. Recent Russia. 3 hours.
- Hst 477. History of the Pacific Northwest. 3 hours.

INDUSTRIAL ARTS

- IA 112, 113. Methods in Woodworking. 1 hour.
- IA 357. Metal Crafts. 1 hour.

NURSING EDUCATION

- Nur 406. Problems of Nursing. 2 hours.
- Nur 450. Technique in Ward Administration. 3 hours.
- Nur 451. Principles of Teaching. 3 hours.
- Nur 452. Principles of Supervision. 3 hours.

PHILOSOPHY

- Phi 201, 202, 203. Introduction to Philosophy. 3 hours.

PSYCHOLOGY

| | |
|-----------------------|--|
| Psy 201. | General Psychology. 3 hours. |
| Psy 221, 222, 223. | Outlines of Psychology. 2 hours. |
| Psy 413. | Abnormal Psychology. 3 hours. |
| Psy 431. | Clinical Methods in Psychology. (G) 3 hours. |

PHYSICS

| | |
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| Ph 161. | Rudiments of Photography. 2 hours. |
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POLITICAL SCIENCE

| | |
|---------|---------------------------|
| PS 233. | Current Affairs. 3 hours. |
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RELIGION

| | |
|----------|---|
| Rel 213. | Introduction to the New Testament. 3 hours. |
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ROMANCE LANGUAGES

| | |
|-----------------------------------|---|
| RL 01, 02, 010, 011, 012. | Elementary Conversational Spanish. No credit. |
| RL 11a, 11b, 21b, 22b, 23b. | Advanced Conversational Spanish. No credit. |
| RL 11a, 11b. | First-Year Spanish. 2 hours. |
| RL 125. | First-Year Portuguese. 2 hours. |
| RL 125. | First-Year Spanish. 2 hours. |

SCIENCE

| | |
|----------------------|---|
| Sc 101, 102, 103. | Biological Science Survey. 3 hours. |
| Sc 203. | Foundations of Physical Science. 3 hours. |

SECRETARIAL SCIENCE

| | |
|----------------------|-------------------------------|
| SS 111, 112, 113. | Stenography. 2 hours. |
| SS 121, 122, 123. | Typing. 2 hours. |
| SS 211. | Applied Stenography. 2 hours. |

SOCIAL SCIENCE

| | |
|----------|---------------------------------|
| SSc 411. | Contemporary Problems. 3 hours. |
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SOCIOLOGY

| | |
|----------|----------------------------------|
| Soc 312. | The Family. 3 hours. |
| Soc 431. | Community Organization. 3 hours. |
| Soc 433. | Sociology of the City. 2 hours. |

SPEECH AND DRAMA

| | |
|---------|--|
| SD 111. | Fundamentals of Speech. 3 hours. |
| SD 411. | Speech for the Classroom Teacher. 2 hours. |

Enrollment in General Extension Division

JULY 1, 1947— JUNE 30, 1948

| | Under-graduate | Graduate | Total |
|---|----------------|----------|---------|
| Portland Extension Center | 4,353 | 484 | 4,837 |
| Vanport Extension Center | 1,961 | ..... | 1,961 |
| State-Wide Classes: | | | |
| Albany | 85 | 18 | 103 |
| Astoria | 45 | ..... | 45 |
| Baker | 44 | ..... | 44 |
| Bend | 55 | 2 | 57 |
| Clatskanie | 19 | ..... | 19 |
| Colton | 18 | ..... | 18 |
| Coos Bay | 118 | ..... | 118 |
| Coquille | 125 | ..... | 125 |
| Corvallis | 164 | 5 | 169 |
| Cottage Grove | 37 | ..... | 37 |
| Creswell | 21 | ..... | 21 |
| Dallas | 32 | ..... | 32 |
| Drain | 20 | ..... | 20 |
| Enterprise | 19 | ..... | 19 |
| Eugene | 884 | 53 | 937 |
| Florence | 38 | ..... | 38 |
| Forest Grove | 49 | ..... | 49 |
| Grants Pass | 69 | 1 | 70 |
| Hermiston | 43 | ..... | 43 |
| Hillsboro | 74 | 12 | 86 |
| Hood River | 90 | ..... | 90 |
| John Day | 26 | ..... | 26 |
| Junction City | 23 | ..... | 23 |
| Klamath Falls | 293 | 18 | 311 |
| La Grande | 14 | 12 | 26 |
| Lakeview | 19 | ..... | 19 |
| Lebanon | 74 | 7 | 81 |
| McMinnville | 59 | ..... | 59 |
| Malin | 13 | ..... | 13 |
| Medford | 95 | 19 | 114 |
| Milton | 34 | ..... | 34 |
| Myrtle Creek | 19 | ..... | 19 |
| Myrtle Point | 27 | ..... | 27 |
| Newberg | 30 | 26 | 56 |
| Newport | 43 | ..... | 43 |
| Nyssa | 25 | ..... | 25 |
| Ontario | 102 | ..... | 102 |
| Oregon City | 35 | 6 | 41 |
| Pendleton | 62 | ..... | 62 |
| Portland | 11 | 7 | 18 |
| Prineville | 55 | ..... | 55 |
| Redmond | 22 | ..... | 22 |
| Roseburg | 131 | 22 | 153 |
| Salem | 281 | 43 | 324 |
| Seaside | 27 | ..... | 27 |
| Springfield | 104 | | 104 |
| Stayton | 34 | | 34 |
| St. Helens | 74 | 4 | 78 |
| Sweet Home | 16 | | 16 |
| Taft | 18 | | 18 |
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| Toledo | 24 | | 24 |
| Vernonia | 22 | | 22 |
| Woodburn | 20 | | 20 |
| Out-of-State: | | | |
| Boise, Idaho | 40 | | 40 |
| Total, State-Wide Classes | 4,011 | 255 | *4,266 |
| Correspondence Study | 4,547 | ..... | *4,547 |
| Grand Total, General Extension Division | 14,872 | 739 | *15,611 |

*Includes 289 who took combination class and correspondence-study courses.

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