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OF HIGHER EDUCATION

BULLETIN

PORTLAND
EXTENSION CENTER

NIGHT CLASSES 1949-1950



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

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*portland
extension
center*

**University of Oregon
Oregon State College
Oregon Colleges of Education**

**ANNOUNCEMENTS
1949-50**

**207 Education Center Building
220 Southwest Alder Street
Portland 4, Oregon**

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portland extension center

1949

September

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
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October

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November

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December

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January—1950

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February

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12	13	14	15	16	17	18
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26	27	28				

Academic Calendar

Fall Term 1949-50

September 19-24, *Monday to Saturday*

Classes begin as scheduled.

October 1, *Saturday*

Last day for payment of fees without penalty.

October 8, *Saturday*

Last day to add a course or to change from audit to credit.

November 12, *Saturday*

Last day to withdraw from a course or to change from credit to audit.

November 24-27, *Thursday to Sunday*

Thanksgiving vacation.

December 5-10, *Monday to Saturday*

Final examinations.

December 10, *Saturday*

Term ends.

Winter Term 1949-50

January 3-9, *Tuesday to Monday*

Classes begin as scheduled.

January 14, *Saturday*

Last day for payment of fees without penalty.

January 21, *Saturday*

Last day to add a course or to change from audit to credit.

February 18, *Saturday*

Last day to withdraw from a course or to change from credit to audit.

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March

March 14-20, *Tuesday to Monday*

Final examinations.

March 20, *Monday*

Term ends.

S	M	T	W	T	F	S
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April

Spring Term 1949-50

March 27-April 1, *Monday to Saturday*

Classes begin as scheduled.

April 8, *Saturday*

Last day for payment of fees without penalty.

April 15, *Saturday*

Last day to add a course or to change from audit to credit.

May 13, *Saturday*

Last day to withdraw from a course or to change from credit to audit.

S	M	T	W	T	F	S
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30						

May

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June

May 30, *Tuesday*

Memorial Day holiday.

June 5-10, *Monday to Saturday*

Final examinations.

June 10, *Saturday*

Term ends.

S	M	T	W	T	F	S
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18	19	20	21	22	23	24
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July

Summer Session 1950

June 19, *Monday*

Opening of registration.

June 20, *Tuesday*

Classes begin.

July 4, *Tuesday*

Holiday.

August 11, *Friday*

Term ends:

S	M	T	W	T	F	S
						1
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23	24	25	26	27	28	29
30	31					

August

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27	28	29	30	31		

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 1949-50 the Portland Center announces 246 evening courses in 31 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 1949-50 the dates are as follows: fall term, September 19 to December 10; winter term, January 3 to March 20; spring term, March 27 to June 10.

The office of the Portland Center is at 207 Education Center Building, 220 S. W. 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 S. W. 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. By action of the University of Oregon faculty, 12 hours in the last 45 must be earned in residence on the Eugene campus.

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.

Students completing work for degrees in the Portland Extension Center must notify the Portland Center office during fall term preceding graduation, as well as the registrar of the institution in the Oregon State System of Higher Education from which they expect to receive degrees.

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 6 term hours for those who are employed; in no case may such students register for more than 6 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 6 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 S. W. 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 S. W. 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 1; for the winter term, January 14; for the spring term, April 8.

Fees and Refunds

Registration is not complete until all fees are paid. Checks should be drawn to the order of the Portland Extension Center in the exact amount. *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 educational benefits available under Federal and state laws for work in the Portland Extension Center courses. It is necessary that students planning to use benefits under Federal and state laws obtain their Letters of Eligibility and forms prior to the opening of the term.

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.

FEE REFUNDS. Students who withdraw from the Portland Extension Center and who have complied with the regulations governing withdrawals are entitled to certain refunds of fees paid, depending on the time of withdrawal. The refund schedule has been established by the State Board of Higher Education and is on file in the Portland Extension Center office. All refunds are subject to the following regulations:

(1) Any claim for refund must be made in writing before the close of the term in which the claim originated.

(2) Refunds in all cases are calculated from the date of application for refund and not from the date when the student ceased attending classes, except in unusual cases when formal withdrawal has been delayed through causes largely beyond the control of the student.

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 to 499; courses numbered from 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 8 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 22 at the Museum Art School.

IN-SERVICE TRAINING COURSES FOR PORTLAND TEACHERS. In cooperation with the Portland Public Schools, 22 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 12 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). In addition to the regular Master of Arts (departmental) degrees, the University of Oregon and Oregon State College offer the degree of Master of Arts (General Studies) in fields in which graduate work is allocated to the institution. This degree is granted for achievement in cultural scholarship rather than for specialized study in one of the traditional fields of learning. The degree is centered about the thesis, which must not be of a specialized departmental type nor one that falls under the provisions for a joint thesis between

two departments, but one for which the supporting work is found in three or more departments. It is this approach through the resources of several departments that characterizes it as a "general" degree.

The thesis provides the focus for the selection of courses in the program. The credit requirement is the same as for other master's degrees, 45 term hours. The thesis shall be the equivalent, in point of performance, of 9 term hours of course work. At Oregon State College, if not all of the remaining 36 term hours are needed in support of the thesis, an ordinary minor may be included in the program.

The general studies program at the University and State College is supervised by special committees of which Dr. Elon H. Moore is chairman at the University, and Dr. E. A. Yunker at the College. This committee may, on recommendation of the student's adviser, waive the foreign-language requirement customary for an Arts degree.

The regular adviser in Portland is Dr. James C. Caughlan. If the desired courses are available, all of the requirements for this degree from Oregon State College may be completed in the Portland Extension Center and the Portland Summer Session, and all but 12 hours for the degree from the University of Oregon.

MASTER OF EDUCATION. All work (except 12 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.

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 statements regarding fees and refunds on pages 12 and 13 of this catalog also apply in their entirety to the State-Wide Classes. Address all communications to General Extension Division, Eugene, Oregon. For list of State-Wide Classes see pages 58 to 62.

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 pages 65 to 67 of this catalog.

Description of Courses

For an explanation of the course-numbering system see page 14. 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.

Anthropology

Assistant Professor: Merz.

Upper-Division Courses

Anth 317, 318, 319. **The American Indian.** 3 hours each term.

Indian life in North, Central, and South America before white contact; contemporary Indian life where groups still survive. Prerequisite: upper-division standing. Wednesday, 6:45-9:25; Room 113.

Art

Instructors: Bunce, Givler, Griffin, Kennedy, Littman, Lynch, McLarty, Russo, 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, plus a special course fee as indicated in some of the courses. Students register at the Museum Art School, S.W. 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. 7:30-9:30. *Section I:* Tuesday; *section II:* Thursday. Course fee, \$2.00 in addition to registration fee.

*AA 290. **Painting.** 1 hour any term.

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

*AA 291. **Life Drawing.** 1 hour any term.

Emphasis on drawing from models. 7:30-9:30. *Section I:* Wiley, Wednesday; *section II:* Voorhies, Thursday.

AA 292. Composition. 1 hour any term.

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

***AA 293. Sculpture.** 1 hour any term.

Experience with modeling from the figure and from imagination, and practice in casting. Progressive series of problems in sculpture. 7:30-9:30. *Section I:* Griffin, Tuesday; *section II:* Littman, Thursday. Course fee, \$3.00 in addition to registration fee.

***AA 296. Applied Design (Ceramics).** 1 hour any term.

Creative approach to ceramics, including knowledge of various clays, building forms by hand, and experience with glazes. Kennedy. 7:30-9:30. *Section I:* Tuesday; *section II:* Wednesday; *section III:* Thursday. Course fee, \$3.00 in addition to registration fee.

A 0313. Commercial Design. No credit, any term.

Commercial design including posters, cartoons, and book jackets. Prerequisite: previous training. Lynch. Tuesday, 7:30-9:30.

A 07. Basic Design. No credit, any term.

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

Art Education

Assistant Professor: Jones.

Instructor: Halvorsen.

*Lower-Division Courses***A 211. Art Structure I.** 3 hours fall.

The elements of design, color, and representation as they are related to the needs of the student. Creative work is stressed, the student receiving actual experience in different media. Jones. Monday, 6:45-9:25; Room 315.

A 212. Art Structure II. 2 hours winter.

Principles of design, structural and decorative; application through various media; foundation material for design in school work. Prerequisite: A 211. Jones. Monday, 6:45-9:25; Room 315.

A 218. Crafts. 2 hours fall.

Application of original designs to glass etching, metal etching, foil metal tapping, plaster carving, leather, stencil, plastics, and wood. Jones. Tuesday, 6:45-9:25; Room 315.

*Upper-Division Courses***A 311. Art Structure III.** 3 hours spring.

Evaluation of the various approaches to the creative art experiences made possible in the flexible course of study. Lectures, reading, and discussions deal with recent trends of art expression relative to individual needs at various age levels from primary through the junior high school. Prerequisite: A 211, 212. Jones. Monday, 6:45-9:25; Room 315.

* Students who have met the prerequisites of 15 hours in either AA 290, 291, 293, or 296 may petition to be allowed to take these courses for upper-division credit.

A 312. The Puppet Show. 2 hours winter.

Construction of puppet theaters, construction and costuming of puppets, and the actual production of a puppet play. Materials used are easily obtainable in any community. Jones. Tuesday, 6:45-9:25; Room 315.

A 316. Clay Modeling. 2 hours spring.

Clay modeling, including animal forms, figurines, mould making, casting, and glazing. Applicable to classroom use. Jones. Tuesday, 6:45-9:25; Room 315.

AA 414p, 415p, 416p. Art Education. 3 hours each term.

Study of contemporary influences in art education in regard to method, subject matter, material, etc., in relation to teaching problems, lesson plans, units, and courses of study. Halvorsen. Thursday, 6:45-9:25; Room 315.

Business Administration

Professors: Ballaine, Comish, Janney, Lomax, Sherburne.

Associate Professors: Collier, Ziebarth.

Assistant Professors: Callis, Greene, Richins.

Instructors: Bell, Chappel, Conkling, Medlar, Parker, Skelton, Standing, Wallsinger, Williams, Wilson.

Accounting*Lower-Division Courses***BA 111, 112, 113. Constructive Accounting.** 3 hours each term.

Technique of account construction; preparation of financial statements. Application of accounting principles to practical business problems. Required of majors; prerequisite to advanced work in business. 6:45-9:25.

Fall: BA 111, Wallsinger. Monday, Room 103.
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 102.
BA 112, Wallsinger. Monday, Room 103.
BA 112, Skelton. Monday, Room 104.
BA 112, Skelton. Tuesday, Room 104.

Spring: BA 112, Parker. Thursday, Room 104.
BA 112, Wallsinger. Thursday, Room 102.
BA 113, Skelton. Monday, Room 104.
BA 113, Skelton. Tuesday, Room 104.

BA 212. Principles of Cost Accounting. 3 hours fall.

Basic principles of cost accounting; departmentalization; expense allocation; designed primarily for students interested in general accounting. Prerequisite: BA 111, 112, 113. Wilson. Tuesday, 6:45-9:25; Room 109.

*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 examining boards 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 212.

BA 483, 484, 485. Accounting Theory and Practice. 3 hours each term.

The theory of accounting records and statements; statements of affairs, depreciation, analysis of profit-and-loss accounts, receiverships, balance-sheet construction and problems. Required of students majoring in accounting. Janney. Monday, 6:45-9:25; Room 102.

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

Application of the technical phases of accountancy. Professional training in practical accounting theory and auditing. Prerequisite: BA 483, 484, 485. Required of accounting majors. Janney. Tuesday, 6:45-9:25; Room 102.

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. Facts involved in making up the various returns; use of the various sources of information. Prerequisite: senior standing; BA 483, 484, 485 or equivalent. Medlar. Thursday, 7:15-9:00; Room 103.

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 202.

BA 222. Elements of Finance. 3 hours fall.

The financial problems of corporations. Organization of corporations; how they obtain long-term funds; management of working capital; distribution of securities. Required of all majors. Prerequisite: BA 111, 112, 113. Ballaine. Thursday, 6:45-9:25; Room 110.

BA 223. Elements of Marketing. 3 hours winter.

Methods, policies, and problems. Private and cooperative channels, auctions, exchanges, middlemen; demand creation, assembly, standardization, packaging, financing, risk taking, distribution. Required of all majors. Ballaine. Thursday, 6:45-9:25; Room 110.

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 103.

BA 339. Principles of Advertising. 3 hours winter.

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. Richins. Wednesday, 6:45-9:25; Room 103.

BA 411. Business Public Relations. 3 hours winter.

Public relations of business firms; tools and techniques for determining public reactions; methods of securing good public relations. Open to nonmajors with consent of instructor. Chappel. Tuesday, 6:45-9:25; Room 103.

BA 412, 413a, 413b. Personnel Management. 2 hours each term.

Principles and policies involved in obtaining and maintaining a competent cooperative working force; reconciliation of the interests of the worker and the employer. Prerequisite: BA 222, 223 or consent of instructor. Williams. Monday, 7:15-9:00; Room 109.

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

Application of fundamental legal principles to typical business situations; illustrated by selected cases. The following topics are considered: contracts, bankruptcy, insurance, suretyship, sales, agency, personal property, real property, business organizations, partnerships, corporations, associations, trusts, joint stock companies, negotiable instruments. Collier. Wednesday, 6:45-9:25; Room 201.

BA 425. Real-Estate Fundamentals. (G) 3 hours winter.

Problems relating to the purchase; transfer, lease, and financing of land and buildings; home building, site selection, principles of house-and-lot evaluation. Open to nonmajor students. Callis. Tuesday, 6:45-9:25; Room 109.

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, counselling, building morale, leading, setting standards, checking performance, coordinating, cooperating, maintaining discipline, motivating, training, and development of employees. Case studies. Prerequisite: consent of instructor. 6:45-9:25. *Winter*: Standing. Thursday, Room 114. *Spring*: Sherburne. Tuesday, Room 103.

BA 435. Sales Management. (G) 3 hours winter.

Structure of sales organizations; sales policies; control of sales operations; sales planning; market analysis; coordination of production and sales; selection, training, and management of salesmen. Prerequisite: BA 223. Comish. Friday, 6:45-9:25; Room 110.

BA 436. Retail Merchandising. (G) 3 hours fall.

Retail policies and problems. Stock-control systems, buying, methods of sales promotion, plant operation, personnel, credit, turnovers, pricing, expense classification and distribution. Prerequisite: BA 223 or consent of instructor. Richins. Friday, 6:45-9:25; Room 110.

BA 437. Credit Management. (G) 3 hours spring.

The credit and collection policies of wholesale concerns, retail firms, and banks. The sources of credit information, the use of agency reports, interpretation of financial statements; collection tools and their uses. Prerequisite: BA 222, 223 or consent of instructor. Ballaine. Thursday, 6:45-9:25; Room 110.

BA 442. Principles of Salesmanship. (G) 3 hours spring.

Principles and techniques of personal salesmanship; selling reactions. From the standpoints of seller and buyer. Prerequisite: BA 223 or consent of instructor. Richins. Friday, 6:45-9:25; Room 110.

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. Prerequisite: BA 222, 223 or consent of instructor. Ziebarth. Friday, 6:45-9:25; Room 202.

BA 463, 464, 465. **Investments.** 3 hours each term.

Methods for evaluating various kinds of investment securities; formulation of an investment policy. Detailed study of the special phases of investments, including taxation, brokerage services, and security markets. Application of investment principles to the analysis of specific securities in the industrial, public-utility, and railroad fields. Bell. Tuesday, 6:45-9:25; Room 214.

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 222, 223 or consent of instructor. Conkling. Tuesday, 6:45-9:25; Room 310.

BA 475, 476, 477. **Foreign-Trade Marketing.** (G) 3 hours each term.

Fall: export and import department organization; foreign-trade advertising; communications; channels of distribution. *Winter*: standard sales-contract terms; foreign credits and collections; arbitration. *Spring*: special laws of foreign trade; market surveys. Prerequisite: BA 471, 472, 473, or consent of instructor. Lomax. Thursday, 6:45-9:25; Room 204.

BA 480. **Life Insurance.** (G) 3 hours winter.

Types of life insurance, contracts, rate making, reserves, selections of risks, life insurance and the state. Prerequisite: consent of instructor. Greene. Wednesday, 6:45-9:25; Room 208.

See also:

Ec 201, 202, 203. **Principles of Economics** (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).

Ec 417. **Contemporary Economic Problems (Economics of Housing)** (under Economics).

Ec 438. **Government Control of Private Business** (under Economics).

Chemistry

Assistant Professor: Todd.

Instructors: Bocek, Moser.

Lower-Division Courses

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.

Ch 226a, 226b. **Organic Chemistry.** 3 hours fall, 2 hours winter.

Carbon compounds of the aliphatic series. Prerequisite: Ch 206 or consent of instructor. Moser. *Fall*: *Lecture*, Thursday, 7:15-9:00; Room 210, Lincoln High

School. *Laboratory*, Tuesday, 6:45-10:15; Vanport Extension Center. *Winter: Lecture*, Thursday, 7:15-8:10; Room 210, Lincoln High School. *Laboratory*, Tuesday, 6:45-9:25; Vanport Extension Center. Laboratory fee, \$3.00 each term.

Dairy Manufacturing

Professors: Elliker, Wilster.

Noncredit Course

DH 01. In-Service Training Course in Milk Processing and Dairy Sanitation.

No credit, fall.

A basic training course for men and women engaged in milk processing and handling. Composition of milk and factors affecting; sanitary production and handling of milk; testing milk and milk products; sources of contamination of milk and cream, dairy arithmetic; common bacteria in milk and how controlled; processing milk for the market; preparation of lactic culture; preparation of cultured milk; dairy sanitation procedures; care of milk plant equipment; safe operation of refrigeration and steam plant. Limited to 30. Monday, 7:00-9:00; Room 213. Course fee, \$12.00.

Drama

(See SPEECH)

Economics

Professor: Elkinton.

Instructor: Staten.

Lower-Division Courses

Ec 201, 202, 203. Principles of Economics. 3 hours each term.

Principles that underlie production, exchange, and distribution, etc. Prerequisite: sophomore standing. Elkinton. Wednesday, 6:45-9:25; Room 203.

Upper-Division Courses

Ec 417. Contemporary Economic Problems (Economics of Housing). (G) 3 hours fall.

A study of contemporary business conditions and problems; the impact of World War II upon our economic system; problems of adjustment to a permanent basis. Staten. Tuesday, 6:45-9:25; Room 208.

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 208.

Education

Professors: Clinton, Cramer, Jacobson, Kambly, Killgallon, Zeran.

Associate Professors: Bernard, Cauglan, Reichart.

Assistant Professors: Baron, Eiserer, Ferrier, Hahn, Hofstetter, Langston, Noxon, Phelps.

Instructors: Bentall, Bortolazzo, Campbell, Condit, DeBernardis, Ebey, Erickson, Gordon, Hoel, Joseph, Morris, Patton, Somerville, Van Loan.

*Upper-Division Courses***Ed 311. Secondary Education in American Life.** 3 hours winter.

Development and present status of secondary education as an American institution; social and psychological bases; objectives, functions, programs, curricula, and courses; personnel work and other responsibilities of teachers. Bortolazzo. Monday, 6:45-9:25; Room 113.

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. Bortolazzo. Monday, 6:45-9:25; Room 113.

Ed 312. Educational Psychology. 3 hours fall or spring.

University of Oregon Medical School. Joseph.

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 113.

Ed 316. Oregon School Law and System of Education. 2 hours any term.

Analysis of the Oregon school system and of the laws on which the system is based. Problems of Oregon schools, plans proposed for their solution, and trends in educational development in the state. 7:15-9:00, Room 205. *Fall*: Condit, Thursday; *winter*: Condit, Tuesday; *spring*: Campbell, Wednesday.

Ed 358. Primary Education. 3 hours winter.

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: consent of instructor. Phelps. Friday, 6:45-9:25; Room 114.

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

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: consent of instructor. Noxon. Friday, 6:45-9:25; Room 111.

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 205.

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

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. Tuesday, 7:15-9:00; Room 205.

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

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. Noxon. Friday, 6:45-9:25; Room 111.

Ed 408 (ss). Methods and Materials (Social Science). 3 hours spring.

Problems and methods in selecting and organizing materials for instruction; comparison and evaluation of methods, laboratory techniques, supplies, equipment; economy of time and materials. Teaching course required in minors. Teaching of social science. Noxon. Friday, 6:45-9:25; Room 111.

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

Presentation of standardized tests in the various subjects taught in the 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. Friday, 6:45-9:25; Room 102.

Ed 431. Selection and Use of Teaching 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 205.

Ed 435. Audio-Visual Aids. (G) 3 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, 6:45-9:25; Room 205.

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. Somerville. Thursday, 6:45-9:25; Room 205.

Ed 460. Applied Mental Hygiene. 3 hours fall or spring.

A study of the development of personality, personality conflicts, mechanisms of adjustment, and the basic principles of mental hygiene. Emphasis is placed on application of mental hygiene principles to personality development of teachers and of children. *Fall*: Bernard. Wednesday, 6:45-9:25; Room 202. *Spring*: Baron. Saturday, 9:15-11:50 A.M.; Room G, Central Library.

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. Wednesday, 6:45-9:25; Room 102.

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

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 202.

Ed 464. **The Mentally Handicapped Child.** (G) 3 hours fall.

Identification and guidance of the mentally deficient, the slow learner, and the gifted. Prerequisite: consent of instructor. Killgallon. Friday, 6:45-9:25; Room 102.

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. Bentall. Thursday, 7:15-9:00; Room 202.

Ed 466. **Diagnostic and Remedial Instruction in the Skills (Arithmetic).** 3 hours winter.

Opportunity to study the diagnostic and remedial treatment of difficulties in arithmetic. Consideration is given to the prevention of errors, standardized and informal tests, the psychology of drill, practice exercises, and the provision for individual differences. Hoel. Thursday, 6:45-9:25; Room 202.

S Ed 481. **Alcohol Studies in the School Curriculum.** (G) 3 hours winter.

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. Thursday, 6:45-9:25; Room 2.

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

Overview of guidance and personnel work. Attention given to vocational, educational, health, social, personality, recreational, and other aspects of individual development. Participation of teachers, counselors, administrators, parents, and community organizations in a program of guidance. For all teachers and administrators. Students specializing in guidance should begin with this course. Prerequisite: senior standing. Zeran. Tuesday, 6:45-9:25; Room 114.

Ed 485. **Guidance and Counseling.** 3 hours spring.

An introduction to the field of guidance and counseling; methods and means of assisting students with personal and vocational problems, necessary school policies, administration, interpretation and classification of tests. Erickson. Thursday, 6:45-9:25; Room 202.

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

Materials available regarding occupations; interpretations of present trends; value and usefulness for high-school and college students. Prerequisite: senior standing. Zeran. Tuesday, 6:45-9:25; Room 114.

Ed 487. **Counseling Techniques.** (G) 3 hours spring.

Mental, achievement, trade, and other tests; administration of such tests; classifications; methods in educational and vocational counseling. Prerequisite: Ed 485. Gordon. Tuesday, 6:45-9:25; Room 208.

Ed 490. **Character Education.** 3 hours winter.

Character in social purposes of education; dynamic function of feelings; conditioning of interests; ideals, habit formation; integration of habits and attitudes. Prerequisite: senior standing. Van Loan. Friday, 6:45-9:25; Room 102.

Ed 491. **Group Thinking.** 3 hours spring.

Reasoned judgment on public affairs; how diversified groups may cooperate in

discovering new roads to new and better goals; technique of leadership in group thinking. Prerequisite: senior standing. Van Loan. Thursday, 6:45-9:25; Room 103.

Ed 501. Educational Research. Terms and hours to be arranged.

Supervised research by qualified graduate students and the faculty members in whose field the investigation lies. Staff.

Ed 501. (F). 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. Staff.

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 any 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 thesis, field study, research paper, and dissertation. Open to graduate students majoring in other fields. Does not take the place of individual supervision of the student's thesis. 6:45-9:25. *Fall*: Clinton. Tuesday, Room 203. *Spring*: Bernard. Wednesday, Room 202.

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 203.

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

Ed 523. School Activity Program. 3 hours spring.

Theories involved in extraclass activities; objectives, organization, and supervision; student participation in social control; major and minor activities; problems of coordination, finance, and teacher personnel. Friday, 6:45-9:25; Room 114.

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. Wednesday, 6:45-9:25; Room 204.

Ed 543. History of American Education. 3 hours fall.

Intellectual development of America with special reference to education. Prerequisite: graduate standing in education. Reichart. Friday, 6:45-9:25; Room 114.

Ed 546. Philosophy of Education. 3 hours winter.

Fundamental problems of education, with some attempt at their solution; meaning of philosophy; philosophy of education; value for teacher and administrator. Prerequisite: graduate standing in education. Friday, 6:45-9:25; Room 203.

Ed 552. The American Elementary School. 3 hours fall.

The functions and objectives of elementary education in the American social order. The relationship of curriculum development, administration, supervision, teaching methods, and teacher education to these functions and objectives. Langston. Monday, 6:45-9:25; Room 202.

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 school administrators who plan a career in elementary education. Langston. Monday, 6:45-9:25; Room 202.

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. Monday, 6:45-9:25; Room 202.

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. Wednesday, 6:45-9:25; Room 208.

Ed 572. Basic Course in School Organization. 3 hours fall.

Ed 572, Ed 573, Ed 574 required for majors in school administration. Ed 572 deals with organization in both grade and high schools; emphasis on the small system. Prerequisite: Ed 311, Ed 312, Ed 313 or teaching experience. Eby. Tuesday, 6:45-9:25; Room 202.

Ed 573. Basic Course in School Administration. 3 hours winter.

Relations of the principal to the school board; school records and accounts, school building programs, pupil accounting, the teaching staff. Prerequisite: Ed 311, Ed 312, Ed 313 or teaching experience. Patton. Wednesday, 6:45-9:25; Room 204.

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, Ed 312, Ed 313 or teaching experience. Patton. Tuesday, 6:45-9:25; Room 202.

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, Ed 312, Ed 313 or teaching experience. Cramer. Tuesday, 6:45-9:25; Room 202.

Ed 581. Curriculum Foundations. 3 hours fall.

Implications of basic social, philosophical, and psychological factors in curriculum planning and organization; historical background; techniques of curriculum planning. Caughlan. Thursday, 6:45-9:25; Room 203.

Ed 582. Curriculum Survey. 3 hours winter.

Survey and appraisal of curricular patterns; state and city programs; courses of study in major subject areas; techniques of course-of-study planning. Caughlan. Wednesday, 6:45-9:25; Room 102.

Ed 583. Curriculum Materials. 3 hours spring.

Effective use and organization of curriculum materials; text and reference books, supplementary pamphlet material, films and slides, records and recordings, pictures, radio, etc.; techniques of unit construction and community survey. DeBernardis. Wednesday, 6:45-9:25; Room 204.

Ed 589. Organization and Administration of Guidance Services. 3 hours spring.

Criteria for evaluating present personnel services, setting up guidance committees, selection of personnel, responsibilities and duties of staff, development of program of services, and in-service training program. Prerequisite: Ed 485, 487. Zeran. Friday, 6:45-9:25; Room 103.

In-Service Training Courses

Instructors: Condit, DeBernardis, Dillon, Dobson, Ernst, Forest, Halvorsen, Henriksen, Hill, Hoel, Jenne, Laber, Logan, McGill, Oliver, Smith, Trenholme, Wilson, Wolf, York, 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 to 6:15, at U. S. Grant High School, 2245 N. E. 36th Avenue.

*Lower-Division Courses***Mth 211. Foundations of Mathematics.** 2 hours fall or winter.

Treatment of historical aspects of mathematics, social uses and relationships, mathematical principles and relationships, grade placement of content materials, appraisal of texts, workbook and tests, development of problem-solving ability, and proficiency in the fundamental skills of mathematical processes. Hoel. Grant High School, or sectional meetings if requested.

A 211. Art Structure I. 2 hours fall.

The elements of design, color, and representation as they are related to the needs of the student. Creative work is stressed, the student receiving actual experience in different media. Halvorsen.

A 212. Art Structure II. 2 hours winter.

Principles of design, structural and decorative; application through various media; foundation material for design in school work. Halvorsen.

*Upper-Division Courses***Ed 316. Oregon School Law and System of Education.** 2 hours any term.

Analysis of the Oregon school system and of the laws on which the system is based. Problems of Oregon schools, plans proposed for their solution, and trends in educational development in the state. Required for teacher's certificate in Oregon. Condit, Laber, Oliver.

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

Theory and practice in rhythm; singing games, group and folk dancing; stunts, games, self-testing activities, tumbling; materials; planning and evaluating program with reference to basic principles of physical education. Jenne.

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

Teaching health education with emphasis on the health knowledge, health attitudes, and health habits of school children, and the development of a health-service program. Special study of the state health education program. Logan.

Hst 377. Oregon History. 2 hours any term.

Brief survey of the building of civilization in the Oregon country. Required for teacher's certificate in Oregon. Smith, Trenholme, Wolf, York.

IEd 382. Analysis and Course Construction. 2 hours fall.

Techniques of course construction based on trade analysis; selection of type of jobs that require skills and knowledge discovered through analysis, arranged in sequence of difficulty within each division of the trade. Henriksen.

Mus 383p. 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. Wilson.

Mus 384p. Intermediate Music. 2 hours fall.

Principles of music education and their application to music teaching in the fourth, fifth, and sixth grades. Special attention given to the music interests of the child, development of the music-skill program with particular emphasis on the problems of music reading and on the relationship of music to the total school situation. Designed particularly for home-room teachers of the fourth, fifth, and sixth grades who teach their own music. Ernst.

PE 406. Special Problems: Materials and Methods of Elementary Rhythms. 2 hours spring.

Designed particularly to aid men and women teachers by presenting methods and materials for teaching the elementary rhythm program. Hill.

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

See Ed 508. Curriculum Workshop (Homemaking).

Mus 407. Seminar: Special Problems of Public-School Music. 2 hours winter.

A course devoted to discussion, evaluation, and demonstration of problems pertaining to public-school music with special emphasis on the role music plays in the changing curriculum. Designed particularly for special teachers of music. Ernst.

Ed 408. Special Teaching Methods (Music). 2 hours winter.

Problems and methods in selecting and organizing listening materials for instruction; comparison and evaluation of methods, techniques, equipment, and materials for grades one to eight. Wilson.

Ed 408. Special Teaching Methods (Foreign Language). 2 hours winter.

Development of methods to meet individual differences and to enrich experiences in the use of the language; study, use, and evaluation of modern instructional aids; consideration of related problems. Zollinger.

Ed 408f. Methods and Materials (Mathematics). 2 hours fall.

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

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

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 material and equipment; administration of program. Limited to 20. DeBernardis.

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. **Principles and Practices of Guidance Services.** (G) 2 hours winter.

Overview of guidance and personnel work. Attention given to vocational, educational, health, social, personality, recreational, and other aspects of individual development. Participation of teachers, counselors, administrators, parents, and community organizations in a program of guidance. For all teachers and administrators. McGill, Dobson.

Ed 489. **Utilization of Community Resources in Education.** (G) 2 hours fall.

The underlying philosophy of the community-centered school. Special study of the educational resources of the community; practical methods by which youth may use them to advantage—speakers, excursions, exhibits, films, community surveys, job experience, and socio-civic action. A survey of typical schools and of illustrative projects in which effective use is being made of courses in social studies, science, language arts, fine and industrial arts, business and vocational education, and of club activities. 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.

Ed 524. **Curriculum Construction.** 2 hours fall.

Building junior and senior high-school curricula; theories and policies since 1900; selecting and organizing subject matter; courses of study; curriculum organization. Zollinger.

Engineering

Professors: Albert, Holcomb, Starr.

Assistant Professor: Smith.

Instructors: Bostwick, Comfort, Diamond, Greiling, Thurman.

Lower-Division Courses

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

Lectures and elementary problems dealing with the general fields of civil, electrical, industrial, and mechanical engineering; to train the student in engineering habits of work. *Fall and winter:* Comfort; *spring:* Greiling. Monday and Wednesday, 6:45-9:25; Room 309.

GE 121, 122. **Engineering Drawing.** 3 hours each term, fall and winter.

Fundamentals of graphic composition with particular emphasis on reading and interpretation of line drawings, charts, and diagrams. Smith. Tuesday and Thursday, 6:45-9:25; Room 309.

GE 123. **Descriptive Geometry.** 3 hours spring.

Theory and problems on the projection of points, lines, surfaces, and solids; ap-

plications of graphical solution of engineering problems. Prerequisite: GE 111, 112. Smith. Tuesday and Thursday, 7:15-9:00; Room 309.

Upper-Division Courses

CE 351, 352. **Strength of Materials.** 3 hours each term, fall and winter.

General principles of mechanics applied to the elements of engineering structures to determine their strength and fitness. Prerequisite: consent of instructor. Holcomb. Wednesday, 6:45-9:25; Room 213.

EE 405. **Reading and Conference (Modern Power-System Relaying).** 2 hours each term, fall and winter.

Lectures and problems. A general review of protective relaying with emphasis on its application to electric-power systems. Available relays and other protective devices, typical applications, system faults, and coordination of relays will be studied. For those taking the course for credit, a working knowledge of symmetrical components is essential. Given under the supervision of E. C. Starr, Professor of Electrical Engineering, Oregon State College. Instructors: Bostwick and Diamond. Tuesday, 7:15-9:00; Room 213.

EE 405. **Reading and Conference (Electronics).** 3 hours spring.

The theory of emission of electrons; their behavior in electric and magnetic field; conduction through vacuum, gases, and vapors; and an introduction to single-phase rectifier circuits. Given under the supervision of A. L. Albert, Professor of Communication Engineering, Oregon State College. Instructor: Thurman. Tuesday, 6:45-9:25; Room 213.

English

Professor: Powers.

Associate Professors: Collier, Franchere, Henkle.

Assistant Professor: Hunner.

Instructor: Jones.

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. Franchere. 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. Required for majors. Franchere. Monday, 6:45-9:25; Room 112.

Eng 261, 262, 263. **Survey of American Literature.** 3 hours each term.

American literature from its beginning to the present day. Two consecutive terms required to satisfy the high-school teaching-field requirement in English. Hunner. Tuesday, 6:45-9:25; Room 204.

Upper-Division Courses

Eng 320, 321, 322. **English Novel.** 3 hours each term.

From Richardson and Fielding to the present. Hunner. Saturday, 9:15-11:50 A.M.; Room D, Central Library.

Eng 388. **Children's Literature.** 3 hours winter.

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. Friday, 6:45-9:25; Room 205.

Eng 407. **Seminar in Special Authors.** (G) 3 hours winter.

Franchere. Saturday, 9:15-11:50 A.M.; Room F, Central Library.

Eng 411, 412, 413. **English Drama.** (G) 3 hours each term.

The development of English dramatic forms from the beginning to modern times.

Fall: mediaeval to Elizabethan; *winter:* 1642 to 1870; *spring:* contemporary drama. Franchere. Tuesday, 6:45-9:25; Room 112.

Eng 484, 485, 486. **Major American Writers: The Realists.** (G) 3 hours each term.

Fall: Whitman and Twain; *winter:* Howells and James; *spring:* Robinson and Eliot. Franchere. Wednesday, 6:45-9:25; Room 112.

Graduate Course

Eng 505. **Reading and Conference.** Hours to be arranged, fall and spring.

Franchere. Saturday, 9:15; Room F, Central Library.

Rhetoric

Lower-Division Courses

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

The fundamentals of English composition and rhetoric; frequent written themes.

Special attention to correctness in fundamentals and to the organization of papers. 6:45-9:25.

Fall:
Rht 111, Hunner. Monday, Room 204.
Rht 111, Collier. Tuesday, Room 201.
Rht 111, Jones. Wednesday, Room 114.
Rht 111, Hunner. Thursday, Room 205.

Winter:
Rht 111, Jones. Friday, Room 103.
Rht 112, Hunner. Monday, Room 204.
Rht 112, Collier. Tuesday, Room 201.
Rht 112, Jones. Wednesday, Room 114.
Rht 112, Hunner. Thursday, Room 205.

Spring:
Rht 112, Jones. Wednesday, Room 114.
Rht 113, Hunner. Monday, Room 204.
Rht 113, Collier. Tuesday, Room 201.
Rht 113, Hunner. Thursday, Room 205.

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

Designed to expand the student's vocabulary and otherwise 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 of writing. Collier. Monday, 7:15-9:00; Room 201.

Rht 117. **Good Usage in Writing.** 3 hours any term.

A course in mechanics and grammar, the basic principles governing the use of language for written and spoken discourse. Course includes: (1) a brief review of grammatical forms and terms, (2) practice in recognizing and eliminating the more common faults, and (3) study of the requirements for effective communication by means of language. Recommended as preparation for Rht 111 and other writing courses, for students who have not recently had formal study of rhetoric or practice in writing. Hunner. Wednesday, 6:45-9:25; Room 209.

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

Study of modern practices in business correspondence, primarily for students of business administration. Analysis and writing of the principal types of correspondence. Prerequisite: Rht 111, 112, 113. Jones. Thursday, 6:45-9:25; Room 114.

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

For students interested in creative writing or in professional writing for magazines. Prerequisite: consent of instructor. Powers. Wednesday, 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. Manuscript Forum. No credit, three terms.

Noncredit laboratory covering the processing of literary material in short and long fiction and nonfiction. Individual conferences and manuscript criticism; class discussions; market studies; development of style; exploration of salable subject matter. Prerequisite: consent of instructor. Powers. Monday, 7:15-9:00; Room 110.

Foreign Languages

Professor: Young.

Instructors: Apsler, Beattie, Herman, Krivoshein, Robinson.

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

Provides an introduction to grammar and practice in reading modern prose; considerable practice in pronunciation and opportunity for understanding the spoken language. Beattie. Tuesday, 7:15-9:00; Room 209.

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. Thursday, 7:15-9:00; Room 209.

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

Reading of modern French authors, rapid review of grammar; considerable attention to practical use of the language by the student. Beattie. Monday, 7:15-9:00; Room 209.

RL 5b, 6a, 6b. Second-Year French (Second Course). 2 hours each term.

Reviews and extends the knowledge of grammar, composition, conversation; review of translation of modern French authors. Beattie. Wednesday, 7:15-9:00; Room 212.

German*Lower-Division Courses*

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

Provides a thorough grammatical foundation and an elementary reading knowledge of German, as well as an understanding of the spoken language. 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.

Hebrew*Noncredit Course*

H 01. **Hebrew**. No credit, any term.

An introductory course in the language of the new state of Israel. Robinson. Thursday, 7:15-9:00; Room 2.

Russian*Lower-Division Courses*

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

Reading of simple prose, with adequate study of grammar for reading comprehension. Krivoshein. Monday, 7:15-9:00; Room 318.

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. Tuesday, 7:15-9:00; Room 318.

SL 14a, 14b, 15a. **Second-Year Russian (First Course)**. 2 hours each term.

Extensive reading of standard Russian prose; continued study of grammar. Krivoshein. Thursday, 7:15-9:00; Room 318.

Spanish*Lower-Division Courses*

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

Provides an introduction to grammar and practice in reading modern prose; considerable practice in pronunciation and opportunity for understanding the spoken language. Herman. 7:15-9:00. *Section I*: Monday, Room 114; *section II*: Tuesday, Room 113.

RL 12b, 13a, 13b. **First-Year Spanish (Second Course)**. 2 hours each term.

Reviews and extends the knowledge of grammar, composition, and conversation. Young. Friday, 7:15-9:00; Room 104.

Upper-Division Courses

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

Fundamentals of pronunciation. Extension oral and written practice. Conducted in Spanish. Prerequisite: two years of college Spanish. Young. Wednesday, 7:15-9:00; Room 214.

General Science

Assistant Professor: Postl.

Instructor: Payne.

Lower-Division Courses

Sc 101, 102, 103. **Biological Science Survey.** 3 hours each term.

Place of man in relation to other forms of life, with particular reference to heredity, nervous systems, organic evolution; importance of animal and plant forms as sources of food, shelter, clothing, and medicines, and as sources of disease. Payne. *Lecture*, Monday, 7:15-9:00; Room 211. *Laboratory*, Thursday, 7:15-9:00; Room 313.

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. Postl. Friday, 6:45-9:25; Room 113.

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 Courses

Geog 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 210.

Upper-Division Courses

Geog 426. **Geography of Europe.** (G) 3 hours winter.

Some of the special problems of Europe today studied in light of the geographic

background of the continent. Prerequisite: Geog 201, 202, 203, or consent of instructor. Thursday, 6:45-9:25; Room 113.

Geog 428. Geography of the Pacific. (G) 3 hours spring.

Physical geography and natural resources of the Pacific region; social, economic, and political problems related to the geography of the region. Prerequisite: Geog 201, 202, 203 or consent of instructor. Thursday, 6:45-9:25; Room 113.

Geog 433. Geography of Middle America. (G) 3 hours fall.

Regional geography of Mexico, Central America, and the islands of the Caribbean. Prerequisite: Geog 201, 202, 203 or consent of instructor. Thursday, 6:45-9:25; Room 113.

Geology

Instructor: Dole.

Upper-Division Courses

G 350. Rocks and Minerals. 3 hours fall.

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. Prerequisite: upper-division standing. Monday, 6:45-9:25; Room 210.

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 professional geology major. Prerequisite: upper-division standing. Monday, 6:45-9:25; Room 210.

G 355. Economic Geology and Mineral Resources. 3 hours spring.

Origin, occurrence, uses, and economic and political importance of geological resources including coal, petroleum, metallic and nonmetallic minerals, ground water, and water power. Prerequisite: upper-division standing. Monday, 6:45-9:25; Room 210.

Health and Physical Education

Assistant Professor: Hudson.

Instructors: Hill, Jenne, Lensch.

Upper-Division Courses

PE 406. Special Problems: Materials and Methods of Elementary Rhythms. 2 hours fall.

Designed particularly to aid men and women teachers by presenting methods and materials for teaching the elementary rhythm program. Hill. Wednesday, 7:15-9:00; Gymnasium.

PE 406. Special Problems: Materials and Methods of Folk, Square, and Social Dancing for Junior and Senior High Schools. 2 hours winter.

Designed particularly to aid men and women teachers by presenting methods and materials for teaching folk, square, and social dancing in the junior-senior high schools. Jenne. Thursday, 7:15-9:00; Gymnasium.

PE 411, 412, 413. Physical-Education Workshop. (g) 3 hours each term.

A workshop for physical-education teachers in the public schools. Each teacher

works out and organizes the complete program for his school in light of the objectives, standards, and purposes of the Oregon physical-education program. Open to men and women. Content of the courses is as follows:

- PE 411. Games of low organization.
- PE 412. Rhythmics and folk dancing.
- PE 413. Individual team sports and games.

Hudson. Monday, 6:45-9:25; Gymnasium.

PE 499. **Community Recreation.** 3 hours winter.

Theories of play; basic individual and social needs for group recreation; nature and functions of recreation; principles of program and personnel organization. Lensch. Tuesday, 6:45-9:25; Room 2.

History

Professor: Jonnasson.

Assistant Professors: Spurlock, Weir.

Instructors: Learned, Pollard.

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. Thursday, 6:45-9:25; Room 214.

Hst 201, 202, 203. **History of the United States.** 3 hours each term.

From colonial times to the present day. Spurlock. Wednesday, 6:45-9:25; Room 210.

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*: 1815 to 1890; *winter*: 1890 to 1929; *spring*: 1929 to the present. Learned. Tuesday, 6:45-9:25; Room 111.

Hst 350, 351, 352. **Hispanic America.** 3 hours each term.

From the establishment of the Spanish empire to the present; necessary background consideration of Spanish history. Weir. Friday, 6:45-9:25; Room 112.

Hst 377. **Oregon History.** 2 hours fall or spring.

Brief survey of the building of civilization in the Oregon Country. Pollard. Monday, 7:15-9:00; Room 111.

Hst 445. **Europe since 1939.** (G) 3 hours fall.

Origins and course of World War II; postwar developments in the European states. Jonasson. Wednesday, 6:45-9:25; Room 111.

Hst 448. **Soviet Union.** (G) 3 hours spring.

The revolution of 1917; Russian domestic and foreign policies from 1917 to the present. Jonasson. Wednesday, 6:45-9:25; Room 111. •

Hst 449. **East-Central Europe since 1900.** (G) 3 hours winter.

The Baltic, Danubian, and Balkan states in recent times; political, social, and

economic problems; role of the area in international affairs. Jonasson. Wednesday, 6:45-9:25; Room 111.

Hst 453, 454a, 454b. **Portuguese Empire and Brazil.** (G) 2 hours each term.

The evolution of Portugal as a national state, and the building of her colonial empire in Africa, the Far East, and Brazil. The main emphasis is on Brazil from colonial times to the present. Weir. Saturday, 9:15-11:00; Room E, Central Library.

Hst 487, 488, 489. **American Economic History.** (G) 3 hours each term.

All phases of the economic development of the United States. Pollard. Thursday, 6:45-9:25; Room 111.

Graduate Courses

Hst 501. **Research.** Terms and hours to be arranged.

Pollard, Weir.

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

Pollard, Weir.

Home Economics

Instructors: Jonasson, Morehouse, Novak.

Lower-Division Courses

CT 231. **Home Furnishing.** 3 hours fall.

Elective for students other than home economics. Aims to develop appreciation of beauty and suitability in home furnishings; materials and processes involved. Three two-hour laboratory periods. Jonasson. Wednesday, 6:45-9:25; Room 318.

HAd 223. **Family Relationships.** 2 hours spring.

Brief consideration of mate selection; husband-wife, parent-child, child-child relationships. Does not meet requirement for majors in home economics. Open to men and women. Jonasson. Wednesday, 7:15-9:00; Room 318.

HAd 239. **Home Management.** 3 hours winter.

Problems in management of home; management of money, time, and energy in relation to family living. For students not in home-economics degree curricula. Jonasson. Wednesday, 6:45-9:25; Room 318.

Upper-Division Courses

CT 331. **Home Furnishing.** 3 hours winter.

Furnishing a small home from standpoint of comfort, beauty, and economy; influence of historic design. Prerequisite: consent of instructor. One recitation; 2 two-hour laboratory periods. Does not meet requirement for majors in home economics. Morehouse. Thursday, 6:45-9:25; Room 205.

HAd 311, 312. **Child Development.** 3 hours each term, fall and winter.

Growth and development of normal preschool child; observations in nursery school. Prerequisite: consent of instructor. Three recitations; 1 one-hour observation period. Jonasson. Monday, 6:45-9:25; Room 313.

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 313.

HAd 423. Parent Education. 2 hours fall.

Methods and content in parent education. Prerequisite: consent of instructor. Does not meet requirement for majors in home economics. Novak. Thursday, 7:15-9:00; Room 313.

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 203.

Journalism

Instructor: Judkins.

*Lower-Division Course***J 211, 212, 213. Introduction to Journalism.** 3 hours each term.

An introduction to the newspaper and other media of mass communication, including news, editorial, pictorial, business, and advertising aspects. No prerequisite. Tuesday, 6:45-9:25; Room 313.

Landscape Architecture

Instructor: Gerke.

*Lower-Division Courses***LA 279. Home-Ground Planning.** 2 hours fall.

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

Mathematics

Professor: Price.

*Lower-Division Courses***Mth 101, 102, 103. Elementary Analysis.** 4 hours each term.

Trigonometry, graphs, algebra, elements of calculus, and analytic geometry. Tuesday and Thursday, 7:15-9:00; Room 212.

Music

Professor: Wold.

Associate Professor: Garnett.

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. **Introduction to Music Literature**. 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. Thursday, 7:15-9:00; Room 108.

Mus 227, 228, 229. **Masterpieces in Musical Literature**. 2 hours each term.

A nontechnical historical and analytical study of selected compositions, instrumental and vocal, by outstanding composers from Bach to the present day. Prerequisite: Mus 127, 128, 129, or consent of instructor. Wold. Wednesday, 7:15-9:00; Room 108.

Mus 281. **Music I. Introductory Course in Music**. 3 hours fall.

A musical background for the elementary-grade teachers; singing varied types of song literature; acquiring good vocal habits; reading music; experiencing simple problems in rhythm; listening to music; analyzing its forms; learning keys, scales, intervals, primary chords, and their application to the piano keyboard. Garnett. Friday, 6:45-9:25; Room 108.

Mus 282. **Music II. Music Reading and Ear Training**. 3 hours winter.

Acquiring more skill in reading song material; more advanced rhythmic patterns; major and minor modes; two-, three-, and four-part music; chording; ear training; dictation. Garnett. Friday, 6:45-9:25; Room 108.

Mus 283. **Music III. Music Education**. 3 hours spring.

The close relationship between music education and other areas in education; planning a musical environment; directing the experiences of children in music; studying principles and procedures in teaching music skills. Garnett. Friday, 6:45-9:25; Room 108.

Nursing Education

Professor: Doltz.

Associate Professor: Vreeland.

Upper-Division Courses

Nur 311, 312. **Modern Nursing Problems**. 2 hours each term, fall and winter.

Present aims and problems of nursing at home and abroad. Open only to registered nurses. *Fall*: Vreeland; *winter*: Doltz. Thursday, 7:15-9:00; Room 310.

Photography

(See PHYSICS)

Physical Education

(See HEALTH AND PHYSICAL EDUCATION)

Physics

Instructors: Culbertson, 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. Culbertson. Tuesday, 7:15-9:00; Room 2.

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 2. *Laboratory*, Wednesday, 7:00-9:00; Room 4.

Political Science

Assistant Professors: Nagy, Ostrom.

Upper-Division Courses

PS 320, 321. **World Politics.** 3 hours each term, fall and winter.

Basic principles of the modern state system; analysis of factors making for conflict and cooperation. Emphasis, during second term, on the foreign policies of the leading states, exclusive of the United States. Nagy. Thursday, 6:45-9:25; Room 208.

PS 322. **American Diplomacy.** 3 hours spring.

Contemporary foreign relations of the United States; objectives, world and domestic factors affecting American foreign policy, governmental institutions concerned with development and execution of foreign policy, major issues and problems. Nagy. Thursday, 6:45-9:25; Room 208.

PS 325. **British Government.** 3 hours fall.

Organization and operation of the national government, with special attention to the relations between Parliament and the executive; local government in England. Nagy. Friday, 6:45-9:25; Room 109.

PS 326, 327. **Governments of Continental Europe.** 3 hours each term, winter and spring.

A study of the governments of Europe, with special attention to France, Italy, Germany, and Russia. Nagy. Friday, 6:45-9:25; Room 109.

PS 411, 412. **Introduction to Public Administration.** (G) 3 hours each term, winter and spring.

Study of the organization and activities of government in carrying out public policy, with special reference to the Federal government and to the government of Oregon. Ostrom. Monday, 6:45-9:25; Room 213.

Psychology

Professor: Griffith.

Assistant Professor: 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; Room 306.

Fall: Psy 201. Section I, Monday.
Psy 201. Section II, Wednesday.

Winter: Psy 201. Wednesday.
Psy 202. Monday.

Spring: Psy 201. Monday.
Psy 202. Wednesday.

Psy 204. **Psychology of Adjustment.** 3 hours fall.

The nature and origins of differences in personality; means of making desired changes. Prerequisite: Psy 201, 201. Griffith. Thursday, 6:45-9:25; Room 306.

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. Wednesday, 6:45-9:25; Room 109.

Psy 470, 471. **Comparative Psychology.** (G) 2 hours each term, winter and spring.

The contribution of research on animal behavior to basic experimental and theoretical problems of psychology, such as maturation, inheritance of abilities, learning, and nervous mechanisms of behavior. Griffith. Wednesday, 7:15-9:00; Room 109.

Public Health

Professors: Sears, Weinzirl, Youmans.

Assistant Professors: Griswold, Veazie.

Instructor: Hosty.

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 211.

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. Hosty. Thursday, 7:15-9:15; Bacteriology Laboratory, third floor, Medical School. Laboratory fee, \$3.00 each term, in addition to registration fee of \$7.00.

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, in addition to registration fee of \$7.00.

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. Youmans, Griswold. Thursday, 7:15-9:00; Room 206.

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 211.

Public Speaking

(See SPEECH)

Science

(See CHEMISTRY, PHYSICS, ZOOLOGY)

Sociology

Associate Professor: Parks.

Instructors: Drum, Goldman, Iverson, Queen.

Lower-Division Courses

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

Fall and winter: the basic findings of sociology concerning the individual, culture, group life, social institutions, and factors of social change; *spring*: analysis of major social problems in terms of the basic concepts developed during the first two terms. Prerequisite: sophomore standing or consent of instructor. Parks. Thursday, 6:45-9:25; Room 109.

Upper-Division Courses

Soc 338. **Marriage and the Family.** 3 hours fall.

The role of the family in the development of personality. Mate selection and courtship; marital discord and adjustment. Prerequisite: general sociology or general psychology. Drum. Tuesday, 6:45-9:25; Room 310.

Soc 340. **Social Work and Public Welfare (Case Work).** 3 hours winter.

History and current philosophies of social work; the fields of case work, group work, and community organization; qualifications for and training of social workers. Iverson. For nurses in degree program, University of Oregon Medical School.

- Soc 415. **Criminology.** (G) 3 hours fall.
The nature of crime, with specific reference to the causative factors involved. Prerequisite: general sociology or general psychology. Drum. Wednesday, 6:45-9:25; Room 104.
- Soc 416. **Penology.** (G) 3 hours winter.
Theories underlying punishment and recent penal developments. Prerequisite: general sociology or general psychology. Drum. Wednesday, 6:45-9:25; Room 104.
- 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 general psychology. Drum. Wednesday, 6:45-9:25; Room 104.
- Soc 431. **Human Ecology (Community Organization).** 2 hours fall or spring.
Community organization in terms of social participation, institutions, and associations; planning and carrying out community surveys. Queen. For nurses in degree program, University of Oregon Medical School.
- Graduate Courses in Social Work*
- Soc 517. **History of Social Welfare.** 3 hours fall.
History and current philosophies of social welfare work; development of public programs. Monday, 6:45-9:25; Room 203.
- Soc 518. **Public Welfare.** 3 hours winter.
Care of needy under poor laws, emergency relief and modern public assistance programs; characteristics of state assistance laws; administration of work relief; Federal grants-in-aid; adult probation and parole; vocational rehabilitation services. Monday, 6:45-9:25; Room 203.
- Soc 519. **The Child and the State.** 3 hours spring.
The development of the rights of the child in relation to those of parents, the responsibility of the state in safeguarding those rights through laws and their administration by agencies; their significance to family and children's social agencies. Monday, 6:45-9:25; Room 203.
- Soc 525, 526, 527. **Social Case Work.** 3 hours each term.
Generic concepts of case-work practice in different agency settings; diagnosis and analysis of cases; treatment of cases. Tuesday, 6:45-9:25; Room 206.
- Soc 530. **Social Group Work.** 3 hours fall.
Basic concepts of group work and their development. Organization, leadership, and processes of group work. Relation of group work to case work. Goldman. Thursday, 6:45-9:25; Room 211.
- Soc 550, 551, 552. **Medical and Psychiatric Implications of Case Work.** 3 hours each term.
Generic aspects of case work in the medical setting; the integration of psychiatric theory with case work; the role of the physician and psychiatrist in the study and treatment of the social, emotional, and physical aspects of the ill person. Special lectures and case studies. Wednesday, 6:45-9:25; Room 211.

Speech

Professor: Powers.

Associate Professor: Collier.

Instructors: Churchill, D. Smith, H. Smith.

Lower-Division Courses

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

Projects in extempore speaking. Primary emphasis on content and organization, with attention also to the student's adjustment to the speaking situation, effective delivery, audience motivation, and language of the speech. Collier. Thursday, 7:15-9:00; Room 201.

Sp 114. **Voice and Diction.** 3 hours fall or spring.

Study and practice of the principles of tone production. Phonetic analysis of English sounds as a basis for correct and effortless diction. Churchill. Monday, 6:45-9:25; Room 206.

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

Preparation of speeches for delivery before public audiences. Collier. Friday, 7:15-9:00; Room 201.

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 201.

Upper-Division Courses

Sp 341, 342, 343. **Radio Workshop.** 2 hours each term.

Theory and application of radio performance technique; physical, acoustic, and mechanical theory and its application; interpretative theory and its application. Selected radio script material used for laboratory projects. Prerequisite: consent of instructor. H. Smith. Monday, 7:15-9:00; Room 4.

Sp 347. **Radio Script Writing.** 2 hours spring.

Radio writing techniques; practice in the writing of all major continuity types. Prerequisite: consent of instructor. Powers. Tuesday, 7:15-9:00; Room 110.

Sp 351, 352, 353. **Technique of Acting.** 3 hours each term.

Principles of acting technique. Problems in the analysis and presentation of character. D. Smith. Wednesday, 7:15-9:00; Room 313.

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

Lectures, discussion, and analysis of acting theory. Prerequisite: Sp 351, 352, 353 or consent of instructor. D. Smith. Thursday, 7:15-9:00; Room 213.

Zoology

Professor: Macnab.

Instructor: Foulk.

Lower-Division Courses

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

An introductory course emphasizing the fundamental principles of animal biology. The biology of the cell and single-celled animals; a comparative study of lower and higher types of animals, with emphasis on their economic and pathogenic effects. *Lecture*, Macnab. Monday, 7:15-9:00; Room 214. *Laboratory*, Foulk. Wednesday, 6:45-9:25; Room 309. 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 terms.

Monday

<i>Course, Term, Instructor</i>	<i>Time</i>	<i>Room</i>
Art		
A 211. Art Structure I (F) Jones	6:45-9:25	315
A 212. Art Structure II (W) Jones	6:45-9:25	315
A 311. Art Structure III (S) Jones	6:45-9:25	315
Business Administration		
BA 111, 112, 113. Constructive Accounting (F, W, S) Skelton	6:45-9:25	104
BA 111, 112. Constructive Accounting (F, W) Wallsinger....	6:45-9:25	103
BA 323. Office Organization and Management (S) Wallsinger	7:15-9:00	103
BA 412, 413a, 413b. Personnel Management (F, W, S) Williams	7:15-9:00	109
BA 420a, 420b. C. P. A. Problems (F, W) Wilson	7:15-9:00	212
BA 483, 484, 485. Accounting Theory and Practice (F, W, S) Janney	6:45-9:25	102
Dairy Manufacturing		
DH 01. In-Service Training Course in Milk Processing and Dairy Sanitation (F) Elliker, Wilster	7:00-9:00	213
Education		
Ed 311. Secondary Education in American Life (W) Bortolazzo	6:45-9:25	113
Ed 312. Educational Psychology (F) Bortolazzo	6:45-9:25	113
Ed 313. Principles of Teaching (S) Bortolazzo	6:45-9:25	113
Ed 552. The American Elementary School (F) Langston	6:45-9:25	202
Ed 553. Curriculum of the Elementary Schools (W) Langston	6:45-9:25	202
Ed 554. Supervision of Elementary Schools (S) Langston....	6:45-9:25	202
Engineering		
GE 101, 102, 103. Engineering Problems (F, W) Comfort, (S) Greiling	6:45-9:25	309
English		
Eng 201, 202, 203. Shakespeare (F, W, S) Franchere	6:45-9:25	112
Rht 111, 112, 113. English Composition (F, W, S) Hunner....	6:45-9:25	204
Rht 114, 115, 116. Vocabulary Building (F, W, S) Collier....	7:15-9:00	201
Rht 01, 02, 03. Manuscript Forum (F, W, S) Powers	7:15-9:00	110
Foreign Languages		
RL 4a, 4b, 5a. Second-Year French (First Course) (F, W, S) Beattie	7:15-9:00	209
GL 1a, 1b, 2a. First-Year German (First Course) (F, W, S) Apsler	7:15-9:00	310

SI. 11a, 11b, 12a. First-Year Russian (First Course) (F, W, S) Krivoshein.....	7:15-9:00	318
RL 11a, 11b, 12a. First-Year Spanish (First Course) (F, W, S) Herman. (Section I).....	7:15-9:00	114
General Science		
Sc 101, 102, 103. Biological Science Survey Lecture (F, W, S) Payne.....	7:15-9:00	211
Geology		
G 350. Rocks and Minerals (F) Dole.....	6:45-9:25	210
G 352. Geology of Oregon (W) Dole.....	6:45-9:25	210
G 355. Economic Geology and Mineral Resources (S) Dole.....	6:45-9:25	210
Health and Physical Education		
PE 411, 412, 413. Physical-Education Workshop (g) (F, W, S) Hudson.....	6:45-9:25	Gym.
History		
Hst 377. Oregon History (F, S) Pollard.....	7:15-9:00	111
Home Economics		
HAd 311, 312. Child Development (F, W) Jonasson.....	6:45-9:25	313
HAd 413. Child Development (S) Jonasson.....	6:45-9:25	313
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 Lecture (F, W, S) Heller.....	6:45-9:25	2
Political Science		
PS 411, 412. Introduction to Public Administration (G) (W, S) Ostrom.....	6:45-9:25	213
Psychology		
Psy 201. General Psychology (F) Wilcox (Section I).....	6:45-9:25	306
Psy 201. General Psychology (S) Wilcox.....	6:45-9:25	306
Psy 202. General Psychology (W) Wilcox.....	6:45-9:25	306
Speech		
Sp 114. Voice and Diction (F, S) Churchill.....	6:45-9:25	206
Sp 341, 342, 343. Radio Workshop (F, W, S) H. Smith.....	7:15-9:00	4
Sociology		
Soc 517. History of Social Welfare (F).....	6:45-9:25	203
Soc 518. Public Welfare (W).....	6:45-9:25	203
Soc 519. The Child and the State (S).....	6:45-9:25	203
Zoology		
Z 201, 202, 203. General Zoology Lecture (F, W, S) Macnab.....	7:15-9:25	214
Tuesday		
<i>Course, Term, Instructor</i>	<i>Time</i>	<i>Room</i>
Art		
A 218. Crafts (F) Jones.....	6:45-9:25	315

SCHEDULE OF CLASSES

51

A 312. The Puppet Show (W) Jones.....	6:45-9:25	315
A 316. Clay Modeling (S) Jones.....	6:45-9:25	315

Business Administration

BA 111, 112, 113. Constructive Accounting (F, W, S) Skelton.....	6:45-9:25	104
BA 212. Principles of Cost Accounting (F) Wilson.....	6:45-9:25	109
BA 411. Business Public Relations (W) Chappel.....	6:45-9:25	103
BA 425. Real Estate Fundamentals (G) (W) Callis.....	6:45-9:25	109
BA 429. Human Relations in Supervision (G) (S) Sherburne.....	6:45-9:25	103
BA 463, 464, 465. Investments (F, W, S) Bell.....	6:45-9:25	214
BA 467. Public-Utility Management (G) (W) Conkling.....	6:45-9:25	310
BA 489, 490, 491. Advanced Accounting Theory and Practice (F, W, S) Janney.....	6:45-9:25	102

Chemistry

Ch 226a, 226b. Organic Chemistry Laboratory (F) Moser....	6:45-10:15	Vanport
Ch 226a, 226b. Organic Chemistry Laboratory (W) Moser.....	6:45-9:25	Vanport

Economics

Ec 417. Contemporary Economic Problems (Economics of Housing) (G) (F) Staten.....	6:45-9:25	208
Ec 438. Government Control of Private Business (G) (W) Staten.....	6:45-9:25	208

Education

Ed 316. Oregon School Law and System of Education (W) Condit.....	7:15-9:00	205
Ed 380. Elementary-School Library (F) Hofstetter.....	7:15-9:00	205
Ed 431. Selection and Use of Teaching Aids (G) (S) Hahn.....	6:45-9:25	205
Ed 485. Principles and Practices of Guidance Services (G) (F) Zeran.....	6:45-9:25	114
Ed 486. Occupational and Educational Information (G) (W) Zeran.....	6:45-9:25	114
Ed 487. Counseling Techniques (G) (S) Gordon.....	6:45-9:25	208
Ed 512. Research Procedures in Education (F) Clinton.....	6:45-9:25	203
Ed 517. Statistical Methods in Education (S) Clinton.....	6:45-9:25	203
Ed 572. Basic Course in School Organization (F) Ebey.....	6:45-9:25	202
Ed 574. Basic Course in School Supervision (S) Patton.....	6:45-9:25	202
Ed 575. School Finance (W) Cramer.....	6:45-9:25	202

Engineering

GE 121, 122. Engineering Drawing (F, W) Smith.....	6:45-9:25	309
GE 123. Descriptive Geometry (S) Smith.....	7:15-9:00	309
EE 405. Reading and Conference (Modern Power-System Relaying) (F, W) Bostwick, Diamond.....	7:15-9:00	213
EE 405. Reading and Conference (Electronics) (S) Thurman.....	6:45-9:25	213

English

Eng 261, 262, 263. Survey of American Literature (F, W, S) Hunner.....	6:45-9:25	204
Eng 411, 412, 413. English Drama (G) (F, W, S) Franchere.....	6:45-9:25	112
Rht 111, 112, 113. English Composition (F, W, S) Collier.....	6:45-9:25	201
Rht 354, 355. Advanced Creative Writing (F, W) Powers.....	7:15-9:00	110

Foreign Languages

RL 1a, 1b, 2a. First-Year French (First Course) (F, W, S) Beattie.....	7:15-9:00	209
SL 12b, 13a, 13b. First-Year Russian (Second Course) (F, W, S) Krivoshein.....	7:15-9:00	318
RL 11a, 11b, 12a. First-Year Spanish (First Course) (F, W, S) Herman (Section II).....	7:15-9:00	113

Geography

Geog 201, 202, 203. Geography (F, W, S) Newhouse.....	6:45-9:25	210
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Health and Physical Education

PE 499. Community Recreation (W) Lensch.....	6:45-9:25	2
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History

Hst 341, 342, 343. Europe since 1815 (F, W, S) Learned.....	6:45-9:25	111
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Horticulture

Hrt 111. Home Horticulture (W) Bouquet.....	7:15-9:00	203
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Journalism

J 211, 212, 213. Introduction to Journalism (F, W, S) Judkins.....	6:45-9:25	313
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Landscape Architecture

LA 277. Home-Ground Planning (F) Gerke.....	7:15-9:00	103
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Mathematics

Mth 101, 102, 103. Elementary Analysis (F, W, S) Price.....	7:15-9:00	212
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Music

Mus 112b, 113a, 113b. Theory I (Second Course) (F, W, S) Bentley.....	7:15-9:00	108
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Physics

Ph 161. Rudiments of Photography (S) Culbertson.....	7:15-9:00	2
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Public Health

Bac 348, 349, 350. Microbiology and Communicable Diseases (F, W, S) Sears.....	7:15-9:00	211
Bac 352a, 352b, 352c. Medical Bacteriology and Parasitology Laboratory (F, W, S) Veazie.....	7:15-9:15	Med. Sch.

Sociology

Soc 338. Marriage and the Family (F) Drum.....	6:45-9:25	310
Soc 525, 526, 527. Social Case Work (F, W, S).....	6:45-9:25	206

Speech

Sp 347. Radio Script Writing (S) Powers.....	7:15-9:00	110
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Wednesday

Course, Term, Instructor *Time* *Room*

Anthropology

Anth 317, 318, 319. The American Indian (F, W, S) Merz ...	6:45-9:25	113
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Business Administration

BA 339. Principles of Advertising (W) Richins.....	6:45-9:25	103
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SCHEDULE OF CLASSES

53

BA 416, 417, 418. Business Law (F, W, S) Collier.....	6:45-9:25	201
BA 480. Life Insurance (G) (W) Greene.....	6:45-9:25	208
Chemistry		
Ch 104, 105, 106. General Chemistry Lecture (F, W, S) Todd.....	6:30-8:30	Med. Sch.
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 (S) Campbell.....	7:15-9:00	205
Ed 362. Story Telling (W) Morris.....	7:15-9:00	205
Ed 435. Audio-Visual Aids (G) (F) DeBernardis.....	6:45-9:25	205
Ed 460. Applied Mental Hygiene (F) Bernard.....	6:45-9:25	202
Ed 460. Psychology of Childhood (G) (S) Caughlan.....	6:45-9:25	102
Ed 461. Adolescence: Growth and Development of the Individual (G) (W) Bernard.....	6:45-9:25	202
Ed 512. Research Procedures in Education (S) Bernard.....	6:45-9:25	202
Ed 524. Measurement in Education (F) Kambly.....	6:45-9:25	204
Ed 561. Advanced Educational Psychology (F) Eiserer.....	6:45-9:25	208
Ed 573. Basic Course in School Administration (W) Patton.....	6:45-9:25	204
Ed 582. Curriculum Survey (W) Caughlan.....	6:45-9:25	102
Ed 583. Curriculum Materials (S) DeBernardis.....	6:45-9:25	204
Engineering		
GE 101, 102, 103. Engineering Problems (F, W) Comfort, (S) Greiling.....	6:45-9:25	309
CE 351, 352. Strength of Materials (F, W) Holcomb.....	6:45-9:25	213
English		
Eng 484, 485, 486. Major American Writers: The Realists (G) (F, W, S) Franchere.....	6:45-9:25	112
Rht 111, 112. English Composition (F, W) Jones.....	6:45-9:25	114
Rht 112. English Composition (S) Jones.....	6:45-9:25	114
Rht 117. Good Usage in Writing (any term) Hunner.....	6:45-9:25	209
Rht 311, 312, 313. Advanced Short Story (F, W, S) Powers.....	7:15-9:00	110
Foreign Languages		
RL 5b, 6a, 6b. Second-Year French (Second Course) (F, W, S) Beattie.....	7:15-9:00	212
RL 347, 348, 349. Intermediate Spanish Composition and Conversation (F, W, S) Young.....	7:15-9:00	214
GL 2b, 3a, 3b. First-Year German (Second Course) (F, W, S) Apsler.....	7:15-9:00	310
Health and Physical Education		
PE 406. Special Problems: Materials and Methods of Elementary Rhythms (F) Hill.....	7:15-9:00	Gym.
History		
Hst 201, 202, 203. History of the United States (F, W, S) Spurlock.....	6:45-9:25	210
Hst 445. Europe Since 1939 (G) (F) Jonasson.....	6:45-9:25	111
Hst 448. Soviet Union (G) (S) Jonasson.....	6:45-9:25	111
Hst 449. East-Central Europe Since 1900 (G) (W) Jonasson.....	6:45-9:25	111

Home Economics

CT 231. Home Furnishing (F) Jonasson.....	6:45-9:25	318
HAd 223. Family Relationships (S) Jonasson.....	7:15-9:00	318
HAd 239. Home Management (W) Jonasson.....	6:45-9:25	318

Music

Mus 227, 228, 229. Masterpieces in Musical Literature (F, W, S) Wold.....	7:15-9:00	108
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Physics

Ph 201, 202, 203. General Physics Laboratory (F, W, S) Heller.....	7:00-9:00	4
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Psychology

Psy 201. General Psychology (F) Wilcox (Section II).....	6:45-9:25	306
Psy 201. General Psychology (W) Wilcox.....	6:45-9:25	306
Psy 202. General Psychology (S) Wilcox.....	6:45-9:25	306
Psy 413. Abnormal Psychology (G) (F) Griffith.....	6:45-9:25	109
Psy 470, 471. Comparative Psychology (G) (W, S) Griffith.....	7:15-9:00	109

Sociology

Soc 415. Criminology (G) (F) Drum.....	6:45-9:25	104
Soc 416. Penology (G) (W) Drum.....	6:45-9:25	104
Soc 417. Juvenile Delinquency (G) (S) Drum.....	6:45-9:25	104
Soc 550, 551, 552. Medical and Psychiatric Implications of Case Work (F, W, S).....	6:45-9:25	211

Speech

Sp 351, 352, 353. Technique of Acting (F, W, S) D. Smith....	7:15-9:00	313
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Zoology

Z 201, 202, 203. General Zoology Laboratory (F, W, S) Foulk.....	6:45-9:25	309
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Thursday

<i>Course, Term, Instructor</i>	<i>Time</i>	<i>Room</i>
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Art

AA 414p, 415p, 416p. Art Education (F, W, S) Halvorsen.....	6:45-9:25	315
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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	102
BA 113. Constructive Accounting (F) Parker.....	6:45-9:25	104
BA 222. Elements of Finance (F) Ballaine.....	6:45-9:25	110
BA 223. Elements of Marketing (W) Ballaine.....	6:45-9:25	110
BA 428. Human Relations in Supervision (G) (W) Standing.....	6:45-9:25	114
BA 437. Credit Management (G) (S) Ballaine.....	6:45-9:25	110
BA 475, 476, 477. Foreign-Trade Marketing (G) (F, W, S) Lomax.....	6:45-9:25	204
BA 492, 493. Income-Tax Procedure (F, W) Medlar.....	7:15-9:00	103

Chemistry

Ch 104, 105, 106. General Chemistry Laboratory (F, W, S) Bocek.....	6:30-10:00	Med. Sch.
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SCHEDULE OF CLASSES

55

Ch 226a, 226b. Organic Chemistry Lecture (F) Moser.....	7:15-9:00	210
Ch 226a, 226b. Organic Chemistry Lecture (W) Moser.....	7:15-8:10	210
Education		
Ed 316. Oregon School Law and System of Education (F) Condit.....	7:15-9:00	205
Ed 450. Radio Education (G) (S) Somerville.....	6:45-9:25	205
Ed 465. Diagnostic and Remedial Instruction in Reading and Literature (F) Bentall.....	7:15-9:00	202
Ed 466. Diagnostic and Remedial Instruction in the Skills (Arithmetic) (W) Hoel.....	6:45-9:25	202
S Ed 481. Alcohol Studies in the School Curriculum (G) (W) Ferrier.....	6:45-9:25	2
Ed 485. Guidance and Counseling (S) Erickson.....	6:45-9:25	202
Ed 491. Group Thinking (S) Van Loan.....	6:45-9:25	103
Ed 522. Problems in American Secondary Education (W) Jacobson.....	6:45-9:25	203
Ed 581. Curriculum Foundations (F) Caughlan.....	6:45-9:25	203
Engineering		
GE 121, 122. Engineering Drawing (F, W) Smith.....	6:45-9:25	309
GE 123. Descriptive Geometry (S) Smith.....	7:15-9:00	309
English		
Eng 101, 102, 103. Survey of English Literature (F, W, S) Franchere.....	6:45-9:25	112
Rht 111, 112, 113. English Composition (F, W, S) Hunner..	6:45-9:25	205
Rht 217. Business English (F, S) Jones.....	6:45-9:25	114
Foreign Languages		
RL 2b, 3a, 3b. First-Year French (Second Course) (F, W, S) Beattie.....	7:15-9:00	209
H 01. Hebrew (F) Robinson.....	7:15-9:00	2
SL 14a, 14b, 15a. Second-Year Russian (First Course) (F, W, S) Krivoshein.....	7:15-9:00	318
General Science		
Sc 101, 102, 103. Biological Science Survey Laboratory (F, W, S) Payne.....	7:15-9:00	313
Geography		
Geog 426. Geography of Europe (G) (W) Newhouse.....	6:45-9:25	113
Geog 428. Geography of the Pacific (G) (S) Newhouse.....	6:45-9:25	113
Geog 433. Geography of Middle America (G) (F) Newhouse.....	6:45-9:25	113
Health and Physical Education		
PE 406. Special Problems: Materials and Methods of Folk, Square, and Social Dancing for Junior and Senior High Schools (W) Jenne.....	7:15-9:00	Gym.
History		
Hst 201, 202, 203. History of Western Civilization (F, W, S) Spurlock.....	6:45-9:25	214
Hst 487, 488, 489. American Economic History (G) (F, W, S) Pollard.....	6:45-9:25	111

Home Economics

CT 331. Home Furnishing (W) Morehouse.....	6:45-9:25	205
HAd 423. Parent Education (F) Novak.....	7:15-9:00	313

Mathematics

Mth 101, 102, 103. Elementary Analysis (F, W, S) Price.....	7:15-9:00	212
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Music

Mus 127, 128, 129. Introduction to Music Literature (F, W, S) Wold.....	7:15-9:00	108
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Nursing Education

Nur 311, 312. Modern Nursing Problems (F) Vreeland, (W) Doltz.....	7:15-9:00	310
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Physics

Ph 161. Rudiments of Photography (S) Culbertson.....	7:15-9:00	2
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Physiology

Phy 411p, 412p, 413p. Human Physiology (F, W, S) Youmans, Griswold.....	7:15-9:00	206
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Political Science

PS 320, 321. World Politics (F, W) Nagy.....	6:45-9:25	208
PS 322. American Diplomacy (S) Nagy.....	6:45-9:25	208

Psychology

Psy 204. Psychology of Adjustment (F) Griffith.....	6:45-9:25	306
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Public Health

Bac 351a, 351b, 351c. General Microbiology Laboratory (F, W, S) Hosty.....	7:15-9:15	Med. Sch.
Ph 511. Principles of Public Health (W) Weinzirl.....	6:45-9:25	211

Sociology

Soc 204, 205, 206. General Sociology (F, W, S) Parks.....	6:45-9:25	109
Soc 530. Social Group Work (F).....	6:45-9:25	211

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 Players) (F, W, S) D. Smith.....	7:15-9:00	213

Friday

<i>Course, Term, Instructor</i>	<i>Time</i>	<i>Room</i>
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Business Administration

BA 221. Elements of Organization and Production (S) Ziebarth.....	6:45-9:25	202
BA 435. Sales Management (G) (W) Comish.....	6:45-9:25	110
BA 436. Retail Merchandising (G) (F) Richins.....	6:45-9:25	110
BA 442. Principles of Salesmanship (G) (S) Richins.....	6:45-9:25	110
BA 450, 451. Industrial Traffic Management (G) (F, W) Ziebarth.....	6:45-9:25	202

SCHEDULE OF CLASSES

57

Education

Ed 358. Primary Education (W) Phelps.....	6:45-9:25	114
Ed 359. Intermediate and Upper-Grade Education (F) Noxon	6:45-9:25	111
Ed 406. Problems in Elementary Education (W) Noxon.....	6:45-9:25	111
Ed 408 (ss). Methods and Materials (Social Science) (S) Noxon.....	6:45-9:25	111
Ed 418. Educational Tests and Measurements (S) Baron....	6:45-9:25	102
Ed 464. The Mentally Handicapped Child (G) (F) Killgallon.....	6:45-9:25	102
Ed 490. Character Education (W) Van Loan.....	6:45-9:25	102
Ed 523. School Activity Program (S).....	6:45-9:25	114
Ed 543. History of American Education (F) Reichart.....	6:45-9:25	114
Ed 546. Philosophy of Education (W).....	6:45-9:25	203
Ed 589. Organization and Administration of Guidance Services (S) Zeran.....	6:45-9:25	103

English

Eng 388. Children's Literature (W) Henkle.....	6:45-9:25	205
Rht 111. English Composition (W) Jones.....	6:45-9:25	103

Foreign Languages

RL 12b, 13a, 13b. First-Year Spanish (Second Course) (F, W, S) Young.....	7:15-9:00	104
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General Science

Sc 201, 202, 203. Foundations of Physical Science (F, W, S) Postl.....	6:45-9:25	113
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History

Hst 350, 351, 352. Hispanic America (F, W, S) Weir.....	6:45-9:25	112
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Music

Mus 281. Music I. Introductory Course in Music (F) Garnett	6:45-9:25	108
Mus 282. Music II. Music Reading and Ear Training (W) Garnett.....	6:45-9:25	108
Mus 283. Music III. Music Education (S) Garnett.....	6:45-9:25	108

Political Science

PS 325. British Government (F) Nagy.....	6:45-9:25	109
PS 326, 327. Governments of Continental Europe (W, S) Nagy.....	6:45-9:25	109

Speech

Sp 221. Public Discussion (S) Collier.....	7:15-9:00	201
Sp 225, 226. Public Speaking for Business and Professional Men and Women (F, W) Collier.....	7:15-9:00	201

Saturday

Course, Term, Instructor *Time* *Room*
Cent. Lib.

Education

Ed 460. Applied Mental Hygiene (S) Baron.....	9:15-11:50	A. M. G
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English

- Eng 320, 321, 322. English Novel (F, W, S) Hunner..... 9:15-11:50 A. M. D
 Eng 407. Seminar in Special Authors (G) (W) Franchere.. 9:15-11:50 A. M. F
 Eng 505. Reading and Conference (F, S) Franchere..... 9:15 A. M. F

History

- Hst 453, 454a, 454b. Portuguese Empire and Brazil
 (G) (F, W, S) Weir..... 9:15-11:00 A. M. E

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 1948-49, 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 statements regarding fees and refunds on pages 12 and 13 of this catalog also apply in their entirety to the state-wide classes. Inquiries should be directed to the Department of State-Wide Services, General Extension Division, Eugene, Oregon.

Architecture and Allied Arts

- AA 0290. Lower-Division Painting. No credit.
 AA 0296. Lower-Division Applied Design: Weaving. No credit.
 AA 0296. Lower-Division Applied Design: Ceramics. No credit.
 AA 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 217. Lettering. 1 hour.
 A 218. Crafts. 2 hours.
 A 219. Pottery. 2 hours.
 AA 290. Lower-Division Painting. 2-3 hours.
 A 291. Lower-Division Drawing: Sketching. 2 hours.
 AA 296. Lower-Division Decorative Design: Ceramics. 3 hours.
 A 311. Art Structure III. 2-3 hours.
 A 316. Clay Modeling. 2 hours.
 A 318. Painting. 2 hours.
 AA 340, 341, 342. History of Architecture II. 2 hours.
 A 352. Art in Environment. 2 hours.
 A 353. Art Appreciation. 3 hours.

Arts and Letters

- AL 01. Esperanto. 2 hours.
 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 412, 413. Personnel Management. (G) 2 hours.
- BA 436. Retail Merchandising. 2 hours.
- BA 450. Industrial Traffic Management. (G) 3 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 312. Educational Psychology. 3 hours.
- Ed 314. Composition. 2 hours.
- Ed 316. Oregon School Law and System of Education. 2 hours.
- Ed 350. Elementary School Curriculum. 3 hours.
- Ed 380. Elementary School Library. 2 hours.
- Ed 406. Problems in Elementary Education. 3 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. Methods and Materials: Teaching of Elementary School Science. 3 hours.
- Ed 408. Special Teaching Methods: Music. 3 hours.
- Ed 431. Construction and Use of Visual Aids. (G) 2 hours.
- Ed 435. Audio-Visual Aids in Education. 3 hours.
- Ed 436. Education of the Handicapped Child. (G) 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 463. The Maladjusted Child. (G) 3 hours.
- Ed 465. Diagnostic and Remedial Instruction in Reading and Literature. 2 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 477. Supervision of Teaching. 3 hours.
- Ed 478. Improvement of Instruction in Reading. 3 hours.
- Ed 481. Alcohol Studies in the School Curriculum. (G) 2 hours.
- Ed 483. General Intelligence Testing. 3 hours.
- Ed 485. Principles and Practices in Guidance Services. (G) 3 hours.
- Ed 487. Counseling. (G) 3 hours.
- Ed 491. Group Thinking. (G) 3 hours.

- Ed 492. Recent Trends in Language Arts. 3 hours.
 Ed 493. Utilization of Regional Resources. 3 hours.
 Ed 495. Principles of Education. 3 hours
 Ed 501. Education Research. 3 hours.
 Ed 505. Reading and Conference. Hours to be arranged.
 Ed 507. Seminar. Hours to be arranged.
 Ed 511. Recent Trends and Problems in Education. 3 hours.
 Ed 561. Advanced Educational Psychology. (G) 3 hours.
 Ed 564. Mental Tests. 3 hours.
 Ed 573. Basic Course in School Administration. (G) 3 hours.
 Ed 584. Curriculum Laboratory. (G) 3 hours.

Electrical Engineering

- EE 201. Introduction to Electrical Engineering. 4 hours.

English

- Eng 107, 108, 109. World Literature. 3 hours.
 Eng 111, 112, 113. English Composition. 3 hours.
 Eng 204, 205, 206. American Literature. 3 hours.
 Eng 218. Creative Writing. 2 hours.
 Eng 330. Masterpieces of American Literature. 3 hours.
 Eng 366. Development of the English Novel. 3 hours.
 Eng 367. Development of the American Novel. 3 hours.

General Engineering

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

General Science

- GS 104, 105, 106. Physical Science Survey. 3 hours.
 GS 311, 312. Natural History of Oregon. 3 hours.
 GS 405. Reading and Conference. 3-4 hours.

Geography

- Geog 106. Introductory Geography: Economic Geography. 2 hours.
 Geog 201, 202, 203. Geography. 3 hours.
 Geog 320. Political Geography. 2 hours.
 Geog 323. Physical and Economic Geography of the Pacific Northwest. 3 hours.
 Geog 329. Geography of North America. 3 hours.
 Geog 426. Geography of Europe. 3 hours.
 Geog 429. Geography of North America. 3 hours.
 Geog 430. Geography of South America. 3 hours.
 Geog 431. Geography of Asia. (G) 3 hours.
 Geog 432. Geography of Africa. 3 hours.
 Geog 433. Geography of Middle America. 2 hours.

Health and Physical Education

- HE 411, 412, 413. Health Education Workshop. (G) 3 hours.
 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 411, 412, 413. Physical Education Workshop. (G) 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 201, 202, 203. History of the United States. 3 hours.
Hst 341, 342, 343. Europe Since 1815. 3 hours.
Hst 377. Oregon History. 2 hours.
Hst 378, 379. American History and Government. 3 hours.
Hst 393. The Far East in Modern Times. 2 hours.
Hst 447. Recent Russia. 3 hours.
Hst 477. History of the Pacific Northwest. (G) 3 hours.

Industrial Arts

- IA 112, 113. Methods in Woodworking. 1 hour.
IA 357. Metal Crafts. 1 hour.
IEd 472. Occupational Analysis. 3 hours.

Library

- Lib 383. Books for School Libraries. 3 hours.

Mathematics

- Mth 10. Elements of Algebra. 3 hours.
Mth 100. Intermediate Algebra. 3 hours.
Mth 101, 102, 103. Elementary Analysis, I, II, III. 3 hours.

Music

- Mus 317. Public School Music. 3 hours.
Mus 382. Advanced Sight Reading. 2 hours.
Mus 433. Choral Conducting. 1 hour.

Nursing Education

- Nur 406. Special 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

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

Psychology

- Psy 201. General Psychology. 3 hours.
Psy 204. Psychology of Adjustment. 3 hours.
Psy 215. Industrial Psychology. 3 hours.
Psy 221, 222, 223. Outlines of Psychology. 2 hours.
Psy 341. Individual Differences. 2 hours.
Psy 411. Advanced Mental Hygiene. (G) 3 hours.
Psy 411. Genetic Psychology. 3 hours.
Psy 412. Adolescent Psychology. 3 hours.
Psy 413. Abnormal Psychology. 3 hours.
Psy 431. Clinical Methods in Psychology. (G) 3 hours.

Physics

- Ph 161. Rudiments of Photography. 2 hours.

Political Science

- PS 233. Current Affairs. 3 hours.
PS 331. Current Affairs. 2 hours.
PS 417. International Relations. 3 hours.

Religion

- Rel 213. Introduction to the New Testament. 3 hours.

Rhetoric

- Rht 216. Advanced Writing. 3 hours.

Romance Languages

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

Science

- Sc 101, 102, 103. Biological Science Survey. 3 hours.
Sc 201, 202, 203. Foundations of Physical Science. 3 hours.
Sc 311. Nature Study. 2 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.

Sociology

- Soc 205. General Sociology. 3 hours.
Soc 312. Sociology of the Family. 3 hours.
Soc 431. Community Organization. 3 hours.
Soc 431, 432, 433. Human Ecology. (G) 3 hours.
Soc 433. Sociology of the City. 2 hours.
Soc 450, 451, 452. History of Social Thought. (G) 3 hours.

Speech and Drama

- Sp 111. Fundamentals of Speech. 3 hours.
Sp 120. Voice and Diction. 3 hours.
Sp 225, 226. Public Speaking for Business and Professional Men and Women. 2 hours.
Sp 411. Speech for the Classroom Teacher. 3 hours.
Sp 471. Speech Defects and Disorders. (G) 3 hours.

Enrollment in General Extension Division

July 1, 1948—June 30, 1949

	<i>Under-graduate</i>	<i>Graduate</i>	<i>Total</i>
Portland Extension Center.....	4,792	553	5,345
Vanport Extension Center.....	1,680	---	1,680
State-Wide Classes:			
Albany	138	14	152
Astoria	85	17	102
Baker	48	1	49
Bandon	39	7	46
Bend	83	12	95
Burns	11	---	11
Canby	35	---	35
Coos Bay	75	11	86
Coquille	117	9	126
Cornelius	31	---	31
Corvallis	216	34	250
Cottage Grove	56	3	59
Dallas	36	---	36
Drain	28	4	32
Eagle Point	19	---	19
Echo	21	---	21
Enterprise	41	---	41
Eugene	734	66	800
Finn Rock	10	---	10
Florence	19	---	19
Forest Grove	20	---	20
Gold Beach	12	2	14
Grants Pass	122	5	127
Heppner	19	---	19
Hermiston	61	7	68
Hillsboro	175	134	309
Hood River	89	9	98
Junction City	17	---	17
Klamath Falls	329	23	352
Lakeview	29	5	34
La Grande	4	35	39
Lebanon	87	29	116
McMinnville	84	20	104
Medford	90	---	90
Merrill	24	---	24
Metzger	13	---	13
Milton-Freewater	44	11	55
Molalla	20	---	20
Monroe	22	---	22
Moro	14	---	14
Myrtle Creek	26	---	26
Newberg	27	---	27
Newport	49	---	49
North Bend	47	---	47

	<i>Under- graduate</i>	<i>Graduate</i>	<i>Total</i>
Nyssa	29	---	29
Oakridge	8	---	8
Ontario	97	8	105
Oregon City	---	10	10
Pendleton	120	14	134
Prineville	26	1	27
Rainier	15	---	15
Redmond	34	1	35
Reedsport	16	---	16
Roseburg	215	3	218
St. Helens	39	---	39
Salem	310	14	324
Sandy	21	---	21
Seaside	15	---	15
Springfield	33	---	33
Stayton	43	---	43
Sweet Home	54	---	54
Taft	17	---	17
The Dalles	22	---	22
Tigard	23	---	23
Tillamook	54	---	54
Vale	29	2	31
Woodburn	10	---	10
Out-of-State:			
Boise, Idaho	77	---	77
Total, State-Wide Classes	4,573	511	5,084
Correspondence Study	4,292	---	4,292
Grand Total, General Extension Division	15,337	1,064	16,401

Correspondence Courses

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

Agriculture

- Farm Accounting
- Anthropology

Architecture

- Mechanical Drawing
- House Planning
- Stresses
- Elementary Structural Design
- Lower-Division Landscape Design

Art

- Freehand Drawing
- Design I

Astronomy

- Astronomy
- Astronomy (Short Course)

Aviation

- Air Navigation
- Aerodynamics
- Airplane Power Plants
- Elements of Navigation:
Marine and Celestial

Biology

- Biological Science Survey
- Bird Study

Botany

- Introductory Botany
- Systematic Botany
- Advanced Systematic Botany
- Shrubs and Trees

Business Administration

- Constructive Accounting
- Cost Accounting
- Business Law
- Real-Estate Fundamentals
- Retail Merchandising
- Problems in Distribution
- General Advertising

Citizenship

- Preparation for Citizenship

Economics

- Economic History
- Principles of Economics
- Outline of Economics
- Economics of Business Organization
and Finance
- Money, Banking, and Economic Crises

Education

- Mental Hygiene
- Educational Psychology
- Oregon School Law and System
of Education
- Health Education
- Introduction to Education
- Curriculum Construction
- General History of Education
- History of Modern Education
- Child Study
- Psychology of Adolescence
- Hygiene of Learning
- Measurement in Secondary Education
- Character Education
- Primary Education
- Intermediate and Upper-Grade
Education

Engineering

- Engineering Drawing
- Mechanics: Statics
- Mechanics: Dynamics
- Refrigeration

Written English

- Principles of Good Writing
- Exposition, Narration and Argument
- Introduction to Short Story Writing
- Short Story Writing
- Business English
- Advanced Writing
- Advanced Short Story Writing
- Book and Play Reviewing:
A Course in Literary Criticism

Written English*(contd.)*

Versification
 English Composition for Teachers
 Prose Manuscript
 Grammar, Punctuation, and Usage
 Review
 Magazine Writing
 Manuscript Criticism

Literature

Survey of English Literature
 Early American Literature
 Recent American Literature
 Shakespeare
 Survey of American Literature
 English and American Poetry, 1910-20
 Contemporary English Novels
 Living Writers
 English Novel
 Twentieth Century Literature
 Nineteenth Century American Novel
 Contemporary American Novel

Geography

General Geography
 Geography of North America

Geology

Geology I
 Historical Geology

History

World History
 English History
 History of Modern Europe
 History of the United States
 History of Oregon
 Hispanic America
 Far East in Modern Times
 History of France
 American Foreign Relations

Home Economics

Child Development
 Household Management
 Clothing Selection
 House Furnishing

Journalism

Elementary Journalism
 Feature Writing
 Newswriting for Publicity Chairmen

Landscape Architecture

Lower-Division Landscape Design

Latin

Beginning Latin and Caesar

Cicero

Latin Literature: Horace

Library Methods

Book Selection and Evaluation
 Children's Literature
 Cataloging

Mathematics

Elements of Algebra
 Elements of Geometry
 Intermediate Algebra
 Elementary Analysis
 College Algebra
 Plane Trigonometry
 Mathematics of Finance
 Introduction to Analysis
 (Trigonometry)
 Analytical Geometry
 Differential and Integral Calculus
 Advanced College Algebra
 Theory of Equations
 Elements of Navigation
 Elements of Statistics
 Differential Equations
 Refresher Mathematics
 Solid Analytical Geometry

Modern Languages

First-Year French
 Second-Year French
 First-Year German
 Second-Year German
 French Literature
 First-Year Spanish
 Second-Year Spanish

Physics

College Physics
 History and Teaching of Physics
 Meteorology
 Advanced Meteorology
 Fundamentals of Radio

Physiology

Elementary Physiology

Political Science

American National Government
 American State and Local Govern-
 ments
 Preparation for Citizenship

Psychology

General Psychology
 Genetic Psychology
 Abnormal Psychology

Secretarial Science

Stenography (Gregg)
Stenography (Thomas)
Typing
Office Organization and Management

Sociology

General Sociology
Criminology
Matrimonial Institutions
Community Problems
Modern Social Problems

Zoology

Bird Study
Elementary Physiology

High-School Courses

Introduction to Accounting
Elementary Commercial English
English I to VIII
English Composition

English Grammar and Usage
Grammar, Punctuation, and
Usage Review

Beginning Latin

Caesar

Elementary Algebra

Intermediate Algebra

Plane Geometry

Solid Geometry

Physics

Civics

American History

World History

Elementary Economics

Social Problems

Mechanical Drawing

Arithmetic

Biology

Principles of Radio

Spanish

**oregon
state
system
of
higher
education**

Organized in 1932 by the State Board of Higher Education following a Federal survey of higher education in Oregon, the System 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 unspecialized 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

R. E. KLEINSORGE, Silverton • 1950 *
GEORGE F. CHAMBERS, Salem • 1951
LEIF S. FINSETH, Dallas • 1952
PHIL METSCHAN, Portland • 1953
HENRY F. CABELL, Portland • 1954
EDGAR W. SMITH, Portland • 1955
A. S. GRANT, Baker • 1956
CHERYL S. MACNAUGHTON, Portland • 1957
HERMAN OLIVER, John Day • 1958

Officers

EDGAR W. SMITH, *President*
R. E. KLEINSORGE, *Vice-President*

Executive Committee

EDGAR W. SMITH
R. E. KLEINSORGE
LEIF S. FINSETH

Chancellor

PAUL C. PACKER

Secretary

CHARLES D. BYRNE

Offices

Eugene, Oregon

* Year signifies expiration of term of office.

Officers of Administration

PAUL C. PACKER, Ph.D., LL.D., Chancellor
FREDERICK MAURICE HUNTER, Ed.D., LL.D., Honorary Chancellor
HARRY K. NEWBURN, Ph.D., President, University of Oregon
AUGUST LEROY STRAND, Ph.D., President, Oregon State College
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