



GENERAL EXTENSION DIVISION

BULLETIN

PORTLAND EXTENSION CENTER



NIGHT CLASSES 1950-1951

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OF HIGHER EDUCATION**

EUGENE, OREGON

General Extension Division

BULLETIN

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***Portland
Extension
Center***

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

**ANNOUNCEMENTS
1950-51**

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

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Portland Extension Center

1950

September

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

October

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November

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

December

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

January—1951

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February

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

Academic Calendar

Fall Term 1950-51

September 18-23, *Monday to Saturday*

Classes begin as scheduled.

September 30, *Saturday*

Last day for payment of fees without penalty.

October 7, *Saturday*

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

October 28, *Saturday*

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

November 23-26, *Thursday to Sunday*

Thanksgiving vacation.

December 4-9, *Monday to Saturday*

Final examinations.

December 9, *Saturday*

Fall term ends.

Winter Term 1950-51

January 2-8, *Tuesday to Monday*

Classes begin as scheduled.

January 13, *Saturday*

Last day for payment of fees without penalty.

January 20, *Saturday*

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

February 17, *Saturday*

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

Portland Extension Center

1951

March 13-19, *Tuesday to Monday*

Final examinations.

March 19, *Monday*

Winter term ends.

March

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Spring Term 1950-51

March 26-April 2, *Monday to Saturday*

Classes begin as scheduled.

April 7, *Saturday*

Last day for payment of fees without penalty.

April 14, *Saturday*

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

April

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

May 12, *Saturday*

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

May 30, *Wednesday*

Memorial Day holiday.

June 4-9, *Monday to Saturday*

Final examinations.

May

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

June 9, *Saturday*

Spring term ends.

June

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

Summer Session 1951

June 18, *Monday*

Opening of registration.

June 19, *Tuesday*

Classes begin.

June 25, *Monday*

Last day for addition of new courses or new registration.

July 4, *Wednesday*

Holiday.

July

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

July 13, *Friday*

Last day to withdraw from courses.

August 9-10, *Thursday and Friday*

Final examinations.

August 10, *Friday*

Summer session ends.

August

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

General Information

What is the Portland Extension Center?

The General Extension Division of the Oregon State System of Higher Education is the agency through which the University of Oregon, Oregon State College, and the three Oregon colleges of education serve the people of Oregon through extension classes, short courses, correspondence study, visual instruction, radio programs, and summer sessions. General Extension activities in Portland are administered through the Portland Extension Center. For the academic year 1950-51, the Portland Center announces 267 evening courses in 32 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 1950-51 the dates are as follows: fall term, September 18 to December 9; winter term, January 2 to March 19; spring term, March 26 to June 9.

Where is the Portland Extension Center Located?

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 8:30 A.M. to 4:30 P.M. Saturday it closes at 11:30 A.M. Classes are held in the Lincoln High School Building, 1620 S. W. Park Avenue, except when another place is indicated in the schedule.

What are the Admission and Degree Requirements?

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 students.

(3) Those formally enrolled as graduate students, working toward master's degrees, or enrolled for credit beyond bachelor's degrees.

(4) Students not working for credit—a considerable number of men and women taking courses for their cultural and practical value.

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.

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.

Is this a State-Accredited Program?

Yes, in Oregon all the state institutions of higher education are operated as correlated units of the State System of Higher Education. As a part of this organization, the Portland Extension Center draws upon the resources, the curricula, and the faculties of all the institutions.

What are the Credit Regulations?

Resident credit in the University of Oregon, Oregon State College, and the Oregon colleges of education may be earned in the 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.

Are Advisers Available for Individual Assistance?

Yes. Students desiring to work toward degrees should confer with an adviser in the Portland Center office regarding 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 so that the most effective schedule of courses may be planned in conformance with the various curricula of the State System.

Can Work for Degrees Be Completed in the Portland Center?

Yes. Students completing work for degrees in the Portland 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.

What are the 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.

What are the Required Courses for Majors in Business Administration, Prelaw, and School Administration?

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 (Wr 214)

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)

How Many Hours of Credit May Be Earned?

The amount of work a student may take in any term is limited. 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 upon petition, obtained at the Portland Center office.

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 meeting.

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

When Will Registration Open?

Students may register daily, except Saturday, from 9:30 A.M. to 4:30 P.M., and on Saturday from 8:30 A.M. to 11:30 A.M., at the Portland Center office, 207 Education Center Building, 220 S. W. Alder Street, beginning September 11, fall term; December 26, winter term; March 19, spring term. During the first two weeks of each term students 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 fall term are due not later than September 30; for winter term, January 13; for spring term, April 7.

What are the Registration Fees?

The registration fee for all students, regardless of academic status, is \$5.00 per credit hour; the minimum fee is \$10.00 per term. A few courses carry

special service or laboratory fees. These are indicated in the course descriptions.

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.

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.

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.

An examination fee of \$10.00 is paid by students not regularly registered in the Portland Center who take examinations for advanced degrees. Fees for the graduate-record examination for the University of Oregon are:

One half-day session.....	\$8.00
Two half-day sessions.....	10.00
Three half-day sessions.....	12.00

Graduate qualifying examination for Oregon State College is \$3.00. A transcript fee of \$1.00 is charged for each transcript of credits issued after the first one, for which no charge is made.

What is the Fee-Refund Schedule?

Refund of registration fee is granted to students who are compelled to withdraw from the Portland Extension Center. Written notification should be sent to the Portland Center office, stating the reason for withdrawal. Refunds are calculated from the date of notification rather than from the date the class attendance ceases. Refund of the entire fee, less \$1.00 service fee, is granted until the end of the second week of a term; during the third week, one-half of the fee, less \$1.00; during the fourth week, one-fourth of the fee less \$1.00. *Refunds are not granted after the fourth week of a term*, nor are refunds of less than \$1.00 granted.

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

What is the 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 accomplish-

ment); 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. A student who discontinues attendance in a course without officially withdrawing at the Portland Center office, within the designated time, receives a grade of F in the course. 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.

What Do Course Numbers Indicate?

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.

What are Cooperative Courses?

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

ART CLASSES AT THE MUSEUM ART SCHOOL OF THE PORTLAND ART ASSOCIATION. The Portland Extension Center and the Museum Art School jointly offer seven 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 21 at the Museum Art School.

IN-SERVICE TRAINING COURSES FOR PORTLAND TEACHERS. In cooperation with the Portland Public Schools, 21 courses are offered as a part of the in-service training program of the school system. These classes meet at the schools designated in the course descriptions 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.

How Much Graduate-Degree Credit is Available in the Portland Center?

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. After September 1, 1952, 21 hours must be completed in residence at the University or State College. 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 exempt 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. Only grades of A and B are acceptable for course work to be accepted toward a master's degree. A student may earn up to 9 hours of C grade, which must be offset by A or B grades before he is disqualified.

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 card and the 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. W. J. Dixon 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, offered by the University of Oregon.

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. Not more than 15 hours of credit toward this degree may be completed in Portland.

At What Times are Classes Scheduled?

Classes meet once a week, unless otherwise noted in course descriptions. Two-hour classes convene from 7:15 to 9:00 P.M.; three-hour classes from

6:45 to 9:25 P.M. Some deviations from this schedule are necessary in laboratory courses.

What Other General Extension Division Facilities are Available?

VANPORT EXTENSION CENTER. This Center brings to Portland much of the first two years of college and university work offered by the State System through the University of Oregon, Oregon State College, and the colleges of education. Detailed information may be obtained from Vanport Extension Center, North Burgard, Portland 3, Oregon (telephone UNiversity 1605).

DEPARTMENT OF STATE-WIDE SERVICES. These services consist of State-Wide classes and Correspondence Study courses. Any community in Oregon may become an extension-class center if a satisfactory meeting place is provided and sufficient enrollment is guaranteed to cover actual operating cost. Students may frequently find a schedule of corespondence courses through which to continue their program of study when not in residence.

Visual Instruction

The Department of Visual Instruction of the General Extension Division provides glass and film slides, microscopic slides, and motion picture films suitable for educational use by schools, community clubs, and other organizations. A special catalog is published listing the materials available. This department is maintained jointly by the General Extension Division and the Federal Cooperative Extension Service.

Radio Station KOAC

Radio Station KOAC is Oregon's public-owned station of which the State Board of Higher Education is the managing agency. The station is located at Corvallis, on the campus of Oregon State College, the licensee and operator of the physical plant. The General Extension Division of the State System of Higher Education directs the program service. Program talent is drawn from Oregon State College, the University of Oregon, the Oregon colleges of education, and from various departments of the state government. In addition, many other public agencies, organizations, and individuals contribute frequently to broadcasts from the station. The station, established in 1925, is operated in the interest of the Oregon public. The programs are free from commercialism. KOAC operates with 5,000 watts power in the daytime and 1,000 watts power in the evening, on a frequency of 550 kilocycles by authority of the Federal Communications Commission. Announcements of radio programs are issued periodically and will be furnished on request. Studios are located at Corvallis and at Eugene.



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

Life and customs among the native groups of the South Pacific, including Polynesia, Micronesia, Melanesia, Australia, and Indonesia. Prerequisite: 9 hours in anthropology or consent of instructor. Wednesday, 6:45-9:25; Room 113.

Art

Instructors: Barrier, Bunce, Griffin, Kennedy, Littman, Lynch, McLarty, Russo, 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 discussion 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. Barrier, McLarty. 7:30-9:30. Section I: Tuesday; Section II: Wednesday; Section III: Thursday. Course fee, \$2.00 in addition to registration fee.

*AA 255. **Lower-Division 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.

*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 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.

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

Art Education

Assistant Professor: Schukart.

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. Schukart. 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. Schukart. 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. Schukart. 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. Schukart. Monday, 6:45-9:25; Room 315.

A 352. Art in Environment. 2 hours winter.

Study and class participation in fruit and flower arrangement; classroom decoration; analysis of color, texture, and line applied to clothing; discussion of home and civic improvements related to daily life. Schukart. Tuesday, 7:15-9:00; 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.

* Students who have met the prerequisites of 15 hours in either AA 255, 290, 291, or 293 may petition to be allowed to take these courses for upper-division credit.

Business Administration

Professors: Ballaine, Janney, Lomax.

Associate Professors: Campbell, Collier, Ziebarth.

Assistant Professors: Callis, Ford, Greene, Richins.

Instructors: Bell, Chappel, Conkling, Medlar, Parker, Skelton, Standing, Twietmeyer, Wallsinger, 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, Skelton. Monday, Room 104.
BA 111, Wallsinger. Monday, Room 103.
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.

Upper-Division Courses

BA 312. **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. Twietmeyer. Tuesday, 6:45-9:25; Room 208.

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. Pre-

requisite: 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 fall.

Principles of management as applied to commercial and industrial concerns. Ziebarth. Friday, 6:45-9:25; Room 114.

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 spring.

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. Tuesday, 6:45-9:25; Room 310.

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 203.

BA 412, 413. Personnel Management. (G) 3 hours fall and winter.

Principles and policies involved in obtaining and maintaining a competent cooperative working force; reconciliation of the interests of the worker and employer. Prerequisite: BA 222, 223 or consent of instructor. Ford. Monday, 6:45-9:25; 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. 6:45-9:25. Section I: Tuesday, Room 201; Section II: Wednesday, Room 201.

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

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, counseling, building morale, leading, setting standards, checking performance, coordinating, cooperating, maintaining discipline, moti-

vating, training, and development of employees. Case studies. Prerequisite: consent of instructor. 6:45-9:25. *Winter*: Standing. Thursday, Room 306. *Spring*: Campbell. Tuesday, Room 109.

BA 429. Production Management. (G) 3 hours winter.

Nature and scope of production processes; economic, technological, regional, and managerial organization of production; plant location; design and layout; control of plant investment; working-capital investment and labor costs; planning production operations. Prerequisite: BA 111, 112, 113; BA 222, 223; or consent of instructor. Ziebarth. Friday, 6:45-9:25; Room 114.

BA 432. Business Statistics. 3 hours spring.

Emphasis on appreciation and understanding of statistical methods. Charts and tables; sampling; averages, time-series analysis; index numbers; a brief introduction to the concept of linear correlation. Ballaine. Thursday, 6:45-9:25; Room 110.

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

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 or consent of instructor. Richins. Friday, 6:45-9:25; Room 113.

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

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 113.

BA 438. Industrial Purchasing. 3 hours fall.

Forms of industrial and governmental buying organizations; sources of goods, buyers' functions, purchasing procedures and methods, inspection, price policies. Prerequisite: BA 222, 223 or equivalent. 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 113.

BA 452. Advanced Industrial Traffic Management. (G) 3 hours spring.

Application of the Interstate Commerce Act; preparation of cases before the Interstate Commerce Commission; practice and procedure before the I.C.C. Prerequisite: consent of instructor. Ziebarth. Friday, 6:45-9:25; Room 114.

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

Methods for evaluating various kinds of investments 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. Wednesday, 6:45-9:25; Room 202.

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

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 203.

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

A year sequence in shipping economics and techniques. Fall: ocean-carrier organization; functions of the port engineer; operating problems related to fuels and

power plants. Winter: functions of the terminal superintendent; harbor belt lines; foreign-trade zones; functions of the freight traffic manager; handling and stowage of cargo; papers and documents. Spring: chartering; freight forwarding; marine insurance. Prerequisite: BA 222, 223 or consent of instructor. Lomax. Wednesday, 6:45-9:25; Room 206.

BA 480. Life Insurance. (G) 3 hours spring.

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

See also:

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

Wr 214. Business English (under English—Writing).

Sp 221. Public Discussion (under Speech).

Sp 225, 226. Public Speaking for Business and Professional Men and Women (under Speech).

Ec 437. Economic Problems of Federal Regulation. (G) (under Economics).

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

Chemistry

Associate Professor: Todd.

Assistant Professor: Johnson.

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:* Thursday, 6:30-10:00; Biochemistry Laboratory, first floor, Medical School. Laboratory fee, \$4.00 each term.

Ch 232, 233a, 233b. Quantitative Analysis. 3 hours each term.

Fundamental principles and laboratory practice. Prerequisite: Ch 206 or consent of instructor. Two lectures; 2 or 3 three-hour laboratory periods. Johnson. Tuesday and Thursday, 6:45-10:00; Chemistry Laboratory, Vanport Extension Center.

Commercial Education

Professor: Yerian.

Graduate Course

CEd 507. Practicum in Business Education. 3 hours fall.

The planning and development of practical and creative projects, group or individual, in the field of business education. Students will be urged to use actual school situations as nucleus for the term's work and to arrive at the best possible solutions. Wednesday, 6:45-9:25; Room 208.

Drama

(See SPEECH)

Economics

Professors: Elkinton, Nelson.

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 418a, 418b. **Public Finance.** (g) 2 hours each term, fall and winter.

Public expenditures, local, state, and national; taxes, customs, and fees; land taxation; proposed reforms; war finance; bonds versus taxes; management of national and local debts. Prerequisite: Ec 201, 202, 203 or consent of instructor. Nelson. Friday, 7:15-9:00; Room 111.

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

Regulation of interstate common carriers and public utilities through federal boards and commissions. Prerequisite: Ec 201, 202, 203, Ec 436, or consent of instructor. Staten. Tuesday, 7:15-9:00; Room 209.

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: Ec 201, 202, 203 or consent of instructor. Staten. Tuesday, 6:45-9:25; Room 209.

Education

Professors: Jacobson, Kambly, Killgallon, Zeran.

Associate Professors: Caughlan, Hearn, Putnam, Reichart, Sandin, Stevens.

Assistant Professors: Bernard, Dunn, Ferrier, Hahn, Noxon, Phelps, Rummel, Schukart, Somerville.

Instructors: Bond, Bortolazzo, Campbell, Condit, DeBernardis, Ebey, Erickson, Hoel, McCorkle, Morris, Patton, Pierce-Jones.

Upper-Division Courses

Ed 311. **Secondary Education in American Life.** 3 hours fall.

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. Thursday, 6:45-9:25; Room 113.

Ed 312. **Educational Psychology.** 3 hours fall or winter (fall or spring, Medical School, Dunn).

The laws of learning and their application in the classroom; motivation in learning, transfer of training, memory, forgetting. Prerequisite: two terms of general psychology. 6:45-9:25. *Fall*: Bernard. Monday, Room 202. *Winter*: Bortolazzo. Thursday, Room 113.

Ed 313. **Principles of Teaching.** 3 hours spring.

Study of the actual classroom teaching process, including classroom organization and management, planning teaching units, evaluating pupil learning, and similar problems. Prerequisite: Ed 312. Bortolazzo. Thursday, 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. *Fall*: Campbell. Tuesday, Room 103. *Winter*: Condit. Tuesday, Room 103. *Spring*: Condit. Wednesday, Room 212.

Ed 354. Introduction to Education. 3 hours spring.

Introduction to the field of education, including a historical survey of the American public-school system; the importance of public education to the life of the republic; the relation of the school to other social agencies; the relationship of education to other professions; the opportunities for service in the principal fields of educational work; current issues in American education; and the desirability of having a working philosophy of education. Stevens. Thursday, 6:45-9:25; Room 202.

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. Friday, 6:45-9:25. Section I: Phelps, Room 110. Section II: Noxon, Room 111.

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 fall.

Materials, techniques, and principles underlying the presentation of poetry and stories for very young children, with actual practice under supervision in their presentation. Morris. Wednesday, 7:15-9:00; Room 210.

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

Organization, administration, and development of the elementary-school library, including instruction in simple methods of handling essential technical, mechanical, and business processes; the care and repair of books; evaluation of reference materials useful for both teacher and children; stimulation of wider use of books for study and recreation; utilization of the library resources of Oregon, and service of the school library to the community. Bond. Friday, 7:15-9:00; Room 102.

Ed 408 (a). Methods and Materials (Art). 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 art. Schukart. Tuesday, 6:45-9:25; Room 315.

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 winter or 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. 6:45-9:25. *Winter*: Stevens. Thursday, Room 202. *Spring*: Friday, 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 advan-

tage; operation of projectors and other equipment. Hahn. Tuesday, 6:45-9:25; Room 4.

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 209.

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 103.

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. Tuesday, 6:45-9:25; Room 202. *Spring*: Saturday, 9:15-11:50 A.M.; Room H, Central Library.

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

The facts and principles of child behavior and development from conception to adolescence. Prerequisite: general psychology. 6:45-9:25. *Winter*: Bernard. Tuesday, Room 202. *Spring*: Caughlan. Monday, Room 111.

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

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

Survey of characteristics and problems of all types of exceptional children, with special emphasis on those with sensory handicaps; consideration of essential educational adaptations. Bernard. Tuesday, 6:45-9:25; Room 202.

Ed 465. Diagnostic and Remedial Techniques. (G) 3 hours fall.

Diagnostic, remedial, and corrective techniques in basic school subjects; application of techniques to actual cases. Phelps. Monday, 6:45-9:25; Room 114.

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. Monday, 6:45-9:25; Room 210.

SEd 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. Prerequisite: 24 hours of upper-division education. Ferrier. Thursday, 6:45-9:25; Room 111.

- 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 winter.
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. Wednesday, 6:45-9:25; Room 209.
- Ed 486. **Occupational and Educational Information.** (G) 3 hours spring.
Materials available regarding occupations; interpretations of present trends; value and usefulness for high-school and college students. Prerequisite: senior standing. McCorkle. Tuesday, 6:45-9:25; Room 114.
- Ed 487. **Counseling Techniques.** (G) 3 hours winter.
Mental, achievement, trade, and other tests; administration of such tests; classifications; methods in educational and vocational counseling. Prerequisite: Ed 485. McCorkle. Tuesday, 6:45-9:25; Room 114.
- Ed 492. **Recent Trends in Language Arts.** (G) 3 hours spring.
Designed to provide guidance and assistance to in-service teachers and other qualified students in making a survey and organizing materials related to language arts and in developing procedures and techniques of evaluation in terms of the integrated program. Through readings, class discussions, and demonstrations, students become acquainted with each of the four areas of the language arts: reading, speaking, writing, and listening. Phelps. Tuesday, 6:45-9:25; Room 203.

Graduate Courses

- 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 and staff. Time and place to be arranged.
- Ed 507. **Seminar: Science.** 3 hours winter.
Selection of areas of instruction in science; science units; techniques of instruction for both elementary- and secondary-school science; materials for science

teaching. Open to all persons interested in the teaching or supervision of sciences in elementary or secondary schools. Kambly. Wednesday, 6:45-9:25; Room 208.

Ed 507. Seminar: Special Education. 3 hours fall.

An intensive study of resources, materials, and methods in special education in the public schools. Lectures, discussion, and special projects. Killgallon. Friday, 6:45-9:25; Room 102.

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:* Reichart. Friday, Room 202. *Spring:* Bernard. Monday, Room 202.

Ed 522. Problems in American Secondary Education. 3 hours spring.

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 111.

Ed 523. School Activity Program. 3 hours winter.

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. Hearn. Wednesday, 6:45-9:25; Room 210.

Ed 524. Measurement in Education. 3 hours spring.

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. Rummel. Wednesday, 6:45-9:25; Room 209.

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

Intellectual development of America with special reference to education. Prerequisite: graduate standing in education. Stevens. Friday, 6:45-9:25; Room 104.

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

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

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

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. Pierce-Jones. Wednesday, 6:45-9:25; Room 309.

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. Ebeby. Thursday, 6:45-9:25; Room 111.

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 211.

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. Wednesday, 6:45-9:25; Room 211.

Ed 575. School Finance. 3 hours spring.

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. Putnam. Monday, 6:45-9:25; Room 212.

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. Monday, 6:45-9:25; Room 111.

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. Monday, 6:45-9:25; Room 111.

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 210.

Ed 586. Philosophy of Education. 3 hours winter.

Study of the broad fundamental principles and problems of education, as evaluated by the various schools of philosophical thought. Stevens. Friday, 6:45-9:25; Room 104.

Ed 587. Adult Education. 3 hours fall.

History and philosophy of the adult-education movement; its aims, ranging from the specifically vocational to the cultural. Representative work and methods in adult education. Stevens. Friday, 6:45-9:25; Room 104.

In-Service Training Courses

Instructors: Childers, DeBernardis, Dobson, Forest, Franks, Halvorsen, Hartley, Henriksen, Hicks, Hill, Jenne, Jones, Laber, Logan, McGill, Nelson, Oliver, Smith, Stotler, Trenholme, Wilson, Wolf, York.

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 the

schools designated in course descriptions. Registration will be held Tuesday, September 19, at Jefferson High School for classes meeting there, and at Cleveland High School for all other classes.

Lower-Division Courses

Mus 192, 193. Class Lessons in Piano. Total credit, 2 hours fall (winter, if requested).

Mus 192 at 4:00 P.M., Mus 193 at 5:00 P.M. Elementary piano course, including presentation of song material as a background; rhythm; notation; keyboard; tone thinking; tone production; review of teaching material; transposition. Franks. First meeting, Cleveland High School; place of second meeting will be announced if there is a change.

Mth 211. Foundations of Mathematics. 2 hours fall.

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. Hartley. Cleveland High School.

Upper-Division Courses

A 311. Art Structure III. 2 hours fall.

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. Prerequisite: A 211, A 212. Halvorsen. Holladay School.

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. Laber, Nelson, Oliver. *Fall*: Cleveland and Jefferson high schools; *winter*: Cleveland High School; *spring*: Jefferson High School.

Ed 344, 345. Physical Education in the Elementary Grades. Total credit, 2 hours fall or winter.

Ed 344 at 4:00 P.M., Ed 345 at 5:00 P.M. 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. *Fall*: Cleveland High School; *winter*: Jefferson High School.

Ed 351. Health Education. 2 hours 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. Cleveland High School.

A 352. Art in Environment. 2 hours winter.

Study and class participation in fruit and flower arrangement; classroom decoration; analysis of color, texture, and line applied to clothing; discussion of home and civic improvements related to daily life. Halvorsen. Holladay School.

H 358. First Aid. 2 hours fall or winter.

First aid for emergency treatment of injuries, with emphasis on the use of knowl-

edge as applied in everyday life and in school situations. Red Cross certificates are given. Hicks. *Fall*: Jefferson High School; *winter*: Cleveland High School.

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. Childers, Jones, Trenholme, York. *Fall*: Cleveland and Jefferson high schools; *winter*: Jefferson High School; *spring*: Cleveland High School.

PE 380. Elementary Folk Dancing. 1 hour spring.

Fundamental folk-dance steps and group dances suitable for primary and intermediate grades. Hill. 4:00 P.M. Grant High School.

PE 381. Advanced Folk Dancing. 1 hour spring.

Dance material for the upper grades. National folk dances, character dances, and clogging. Hill. 5:00 P.M.; Grant High School.

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. First meeting, Cleveland High School.

Ed 408 (e). Methods and Materials (Industrial Arts). 2 hours fall.

Study of methods for effective presentation of subject matter in industrial-arts courses of secondary schools; preparation of course outlines and lesson plans; classroom management and organization of personnel for effective teaching. Prerequisite: Ed 313, 330. Henriksen. Cleveland High School.

Ed 408 (m). Methods and Materials (Music). 2 hours winter.

Problems and methods in selecting and organizing materials for instruction; comparison and evaluation of methods, laboratory techniques, supplies, equipment; economy of time and materials. Wilson. First meeting, Cleveland High School.

Ed 408 (pe). Methods and Materials (Elementary-School Rhythms). 2 hours fall or winter.

Problems and methods in selecting and organizing materials for instruction; comparison and evaluation of methods, laboratory techniques, supplies, equipment; economy of time and materials. Hill. *Fall*: Jefferson High School; *winter*: Cleveland High School.

Ed 408 (s). Methods and Materials (Science). 2 hours fall or winter.

Problems and methods in selecting and organizing materials for instruction; comparison and evaluation of methods, laboratory techniques, supplies, equipment; economy of time and materials. Stotler. *Fall*: Cleveland High School; *winter*: Jefferson High School.

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. Department of Instructional Materials, Administration Building.

Ed 466. Diagnostic and Remedial Instruction in the Skills (Arithmetic). 2 hours fall.

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. Smith. Jefferson High School.

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

A survey of the problems and materials related to the betterment of 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. Jefferson High School.

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.

*Graduate Courses***HEd 507. Seminar: Social Relationships Within the Home.** 2 hours fall.

For teachers of homemaking in the elementary and high schools. Forest. Jefferson High School.

Ed 583. Curriculum Materials (Utilization of Community Resources in Education). (G) 2 hours fall.

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. Department of Instructional Materials, Administration Building.

Engineering

Professors: Albert, Holcomb, Starr.

Associate Professor: Engesser.

Assistant Professor: Smith.

Instructors: Bills, Brenton, Comfort, Cowgill, Curtin, Greiling, Lantz, Spaulding, Swanson, Thurman, Weiner.

*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 313.

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 313.

GE 123. Descriptive Geometry. 3 hours spring.

Theory and problems on the projection of points, lines, surfaces, and solids; applications of graphical solution of engineering problems. Prerequisite: GE 111, 112. Smith. Tuesday and Thursday, 7:15-9:00; Room 313.

*Upper-Division Courses***CE 383a, 383b. Reinforced Concrete.** 2 hours each term, fall and winter.

Study and design of the elements of reinforced concrete, including beams, slabs, girders, and columns. Prerequisite: consent of instructor. Holcomb. Wednesday, 7:15-9:00; Room 214.

IE 391. Methods and Motion Study. 3 hours fall.

Theory and application of methods study; types of methods studies; operation and

analysis sheets; principles of motion practice; micromotion studies; standardization and process charts. Prerequisite: junior standing or consent of instructor. Engesser. Tuesday, 6:45-9:25; Room 309.

EE 405. Reading and Conference (Electronics). 3 hours fall.

A study of basic electronic theory and associated circuits. Both communication and power applications are included. Given under the supervision of A. L. Albert, Professor of Communication Engineering, Oregon State College. Instructors: Thurman, Spaulding. Tuesday, 6:45-9:25; Room 106.

EE 405. Reading and Conference (A-C Network Calculator Studies). 3 hours winter.

The application of a-c network calculating devices to power system problems. Direct-current and simplified a-c calculating devices, as well as transient analyzers, will be studied. Given under supervision of E. C. Starr, Professor of Electrical Engineering, Oregon State College. Instructors: Bills, Weiner. Tuesday, 6:45-9:25; Room 106.

EE 405. Reading and Conference (Symmetrical Components). 3 hours spring.

The principles and practice of unbalanced fault and load studies by the method of symmetrical components. Given under the supervision of E. C. Starr, Professor of Electrical Engineering, Oregon State College. Instructors: Curtin, Lantz. Tuesday, 6:45-9:25; Room 106.

EE 405. Reading and Conference (Power-System Operation and Coordination). 2 hours spring.

The operating techniques and practices of power utilities and the coordination of these utilities into cooperating groups or pools. Given under the supervision of E. C. Starr, Professor of Electrical Engineering, Oregon State College. Instructors: Brenton, Cowgill, Swanson. Tuesday, 7:15-9:00; Room 106.

Graduate Courses

EE 505. Reading and Conference (A-C Network Calculator Studies). 3 hours winter.

EE 505. Reading and Conference (Symmetrical Components). 3 hours spring.

EE 505. Reading and Conference (Power-System Operation and Coordination). 2 hours spring.

English

Professor: Powers.

Associate Professors: Collier, Franchere, Henkle.

Assistant Professors: Dahlstrom, Hunner, Oliver.

Instructors: Gill, 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. Wednesday, 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. Hunner. Tuesday, 6:45-9:25; Room 205.

Upper-Division Courses

Eng 311. **Tragedy.** 3 hours fall.

A study of the nature of tragedy and of its expression in various literary forms. Franchere. Tuesday, 6:45-9:25; Room 112.

Eng 315. **Comedy.** 3 hours spring.

The comic view in nondramatic forms, as well as in the stage tradition. Main emphasis on English masters, but with attention also to classical and continental writers. Principal theories of the comic and of the corresponding literary forms and types. Dahlstrom. Thursday, 6:45-9:25; Room 206.

Eng 328. **American Drama.** 3 hours winter.

A study of major American dramatists. Dahlstrom. Thursday, 6:45-9:25; Room 206.

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

Acquaintance with, and appreciation of, the great body of literature belonging to the elementary-school program. Investigations in the field of children's interests in reading and in grade placement of types and pieces of literature. Henkle. Friday, 6:45-9:25; Room 103.

Eng 391, 392, 393. **American Novel.** 3 hours each term.

Development of the American novel from its beginnings to the present. Oliver. Monday, 6:45-9:25; Room 112.

Eng 407. **Seminar in Special Authors.** (C) 3 hours spring.

Franchere. Tuesday, 6:45-9:25; Room 112.

Eng 428. **Chaucer.** (G) 3 hours winter.

As much of Chaucer's work read as time permits. Required for graduate students in English. Franchere. Tuesday, 6:45-9:25; Room 112.

Eng 436. **Advanced Shakespeare.** (G) 3 hours fall.

Intensive study of several plays, with primary emphasis on textual problems and sources. Prerequisite: year sequence in Shakespeare or consent of instructor. Dahlstrom. Thursday, 6:45-9:25; Room 206.

Eng 450, 451, 452. **Eighteenth-Century Literature.** (G) 3 hours each term.

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

Graduate Course

Eng 505. **Reading and Conference.** Terms and hours to be arranged. Franchere, Hunner.

Writing

Lower-Division Courses

Wr 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:* Wr 111, Hunner. Monday, Room 205.
 Wr 111, Oliver. Tuesday, Room 206.
 Wr 111, Jones, Wednesday, Room 212.
 Wr 111, Collier. Thursday, Room 201.
- Winter:* Wr 111, Jones. Friday, Room 103.
 Wr 112, Hunner. Monday, Room 205.
 Wr 112, Oliver. Tuesday, Room 206.
 Wr 112, Jones, Wednesday, Room 212.
 Wr 112, Collier. Thursday, Room 201.
- Spring:* Wr 112, Jones. Wednesday, Room 208.
 Wr 113, Hunner. Monday, Room 205.
 Wr 113, Oliver. Tuesday, Room 206.
 Wr 113, Collier. Thursday, Room 201.

Wr 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.

Wr 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 Wr 111 and other writing courses, for students who have not recently had formal study of rhetoric or practice in writing. Hunner. Thursday, 6:45-9:25; Room 205.

Wr 214. **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: Wr 111, 112, 113. Gill. Thursday, 6:45-9:25; Room 209.

Upper-Division Courses

Wr 324, 325, 326. **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.

Wr 342. **Versification.** 2 hours spring.

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

Wr 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.

Wr 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

Instructors: Beattie, Chao, Eaton, Herman, Katz, Krivoshein, Spada.

Chinese

Lower-Division Courses

OL 21p, 22p, 23p. **First-Year Chinese.** 2 hours each term.

Elementary conversation, reading, and composition in the Kuoyu. Chao. Thursday, 7:15-9:00; Room 318.

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 210.

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. Exercise 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. Friday, 7:15-9:00; Room 203.

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 208.

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 211.

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. Eaton. 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. Eaton. Thursday, 7:15-9:00; Room 310.

Italian

Lower-Division Courses

RL 31p, 32p, 33p. **First-Year Italian.** 2 hours each term.

Grammar, pronunciation, composition, and translation of modern authors. Spada. Monday, 7:15-9:00; Room 318.

RL 34p, 35p, 36p. **Second-Year Italian.** 2 hours each term.

Reading of modern authors. Composition, pronunciation, grammar. Spada. Wednesday, 7:15-9:00; Room 318.

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 309.
- 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 15b, 16a, 16b. **Second-Year Russian. (Second Course.)** 2 hours each term.
Extensive reading of standard Russian prose; continued study of grammar. Krivoshein. Wednesday, 7:15-9:00; Room 314.

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; Room 113. Section I: Monday; Section II: Tuesday.
- RL 12b, 13a, 13b. **First-Year Spanish (Second Course.)** 2 hours each term.
Reviews and extends the knowledge of grammar, composition, and conversation. Katz. Wednesday, 7:15-9:00; Room 2.

Upper-Division Courses

- RL 347, 348, 349. **Intermediate Spanish Composition and Conversation.** 2 hours each term.
Fundamentals of pronunciation. Extensive oral and written practice. Conducted in Spanish. Prerequisite: two years of college Spanish. Katz. Thursday, 7:15-9:00; Room 2.

General Science

Assistant Professor: Lange.
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 213. *Laboratory*, Thursday, 7:15-9:00; Room 20, Vanport Extension Center.
- 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. Lange. Wednesday, 6:45-9:25; Room 104.

General Studies

Portland Center Adviser: Dr. James C. Caughlan.
 University Committee: Dr. W. J. Dixon, 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 213.

Upper-Division Courses

Geog 323. **Geography of the Pacific Northwest.** 3 hours spring.

A study of the land forms, climates, population, resources, products, and lines of communication of the Pacific Northwest, with emphasis on Oregon. Thursday, 6:45-9:25; Room 213.

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

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 213.

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

Regional geography of the Soviet Union; its resources, peoples, and world position. Prerequisite: Geog 201, 202, 203 or consent of instructor. Thursday, 6:45-9:25; Room 213.

Geology

Instructor: Dole.

Upper-Division Courses

G 330. **Life of the Past.** 3 hours winter.

History of life as recorded in the fossil record; invertebrates and lower vertebrates studied as illustrations of biological principles and relationships to higher animals. Prerequisite: one year of biology or geology, or consent of instructor. Monday, 6:45-9:25; Room 13.

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 13.

G 352. Geology of Oregon. 3 hours spring.

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 13.

Health and Physical Education

Assistant Professors: Holland, Hudson.

Instructors: Jenne, Lensch.

Upper-Division Courses

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 course is as follows:

PE 411. Rhythmics and folk dancing.

PE 412. Games of low organization.

PE 413. Individual team sports and games.

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

PE 414. Materials and Methods of Folk, Square, and Social Dancing. (g) 2 hours fall or winter.

Jenne. Thursday, 7:15-9:00; Gymnasium.

PE 471. Human Anatomy. (g) 3 hours fall.

Gross anatomy; the skeletal and muscular structure, the circulatory, respiratory, digestive, and neural systems, and their functioning in physical activities. Prerequisite: two years of biology, senior standing, or consent of instructor. Holland. Tuesday, 6:45-9:25; Room 314.

PE 472. Kinesiology. (g) 3 hours winter.

Action of muscles involved in fundamental movements, calisthenics, gymnastics, and athletics. Prerequisite: PE 471. Holland. Tuesday, 6:45-9:25; Room 314.

PE 473. Physiology of Exercise. (g) 3 hours spring.

Physiological effects of muscular exercise, physical conditioning, and training. Significance of these effects for health and for performance in activity programs. Prerequisite: PE 472. Holland. Tuesday, 6:45-9:25; Room 314.

PE 499. Community Recreation. 3 hours spring.

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 309.

History

Professor: Jonasson.

Assistant Professors: Hoffmann, Spurlock, Weir.

Instructors: Learned, Smith.

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 204.

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 204.

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. Monday, 6:45-9:25; Room 209.

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 109.

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

Brief survey of the building of civilization in the Oregon Country. *Fall*: Smith; *winter* and *spring*: Hoffmann. Thursday, 7:15-9:00; Room 211.

Hst 446. **Recent Germany.** (G) 3 hours fall.

The German Empire, the republican experiment, 1918-33, the National Socialist regime, World War II and after. 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 469. **Recent England.** (G) 3 hours winter.

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

Home Economics

Instructors: Jonasson, Morehouse, Novak.

Lower-Division Courses

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 315.

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 315.

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 315.

Upper-Division Courses

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

Growth and development of normal preschool child; observations in nursery school. Prerequisite: consent of instructor. Three recitations; 1 one-hour observation period. Jonasson. Monday, 6:45-9:25; Room 214.

CT 331. Home Furnishing. 3 hours winter.

Furnishing a small home from standpoint of comfort, beauty, and economy; influence of historic design. Prerequisite: AA 161, AA 178, CT 212, CT 250, or 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 214.

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 214.

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 214.

Horticulture

Professor Emeritus: Bouquet.

*Lower-Division Course***Hrt 111. Home Horticulture. 2 hours fall.**

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 111.

Journalism

Instructor: Judkins.

*Lower-Division Courses***J 111, 112. Elementary Journalism. 3 hours each term, fall and winter.**

Journalistic style of writing; workings of the press, both general and technical. Tuesday, 6:45-9:25; Room 2.

J 211. Introduction to Journalism. 3 hours spring.

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 2.

Landscape Architecture

Instructor: Gerke.

*Lower-Division Course***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 13.

Mathematics

Assistant Professor: Gibb.

Instructor: Hoel.

Lower-Division Courses

Mth 101, 102, 103. **Elementary Analysis.** 4 hours each term.

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

Mth 211. **Foundations of Mathematics.** 2 hours fall.

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. Monday, 7:15-9:00; Room 210.

Music

Associate Professors: Garnett, Stehn.

Lower-Division Courses

Mus 111a, 111b, 112a. **Theory I. (First Course.)** 2 hours each term.

Thorough groundwork 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. Stehn. 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 tone (auxiliary tones, suspensions, anticipations, appoggiaturas); foreign chords (the interpolated dominant seventh and diminished seventh). Stehn. Tuesday, 7:15-9:00; Room 108.

Mus 227, 228, 229. **Masterpieces in Musical Literature (Appreciation of Music).** 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. Stehn. 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

Associate Professors: Palmquist, Vreeland.

Upper-Division Courses

Nur 450. Personnel Administration I. 3 hours fall.

The head nurse's responsibilities in planning for high-quality nursing care, through developing cooperation and maintaining morale of professional and nonprofessional workers; principles and methods of orientation, assignment, supervision, and instruction. Vreeland. Thursday, 6:45-9:25; Room 210.

Nur 452. Personnel Administration II. 3 hours winter.

Democratic leadership; developing staff participation in analysis and solution of nursing service problems; use of job-analysis techniques; staff-education programs as a means of maintaining high-quality nursing service; evaluation of staff performance and selection of personnel for promotion. Prerequisite: Nur 450 or consent of adviser. Vreeland. Thursday, 6:45-9:25; Room 210.

Nur 461a, 461b. Introduction to Public Health Nursing. 2 hours each term, winter and spring.

The development of public health nursing; its scope and objectives. Functions of the public health nurse. (Nur 461a is a prerequisite for Nur 461b.) Palmquist. Monday, 7:15-9:00; Room 211.

Philosophy

Associate Professor: Jessup.

Upper-Division Courses

Phl 441, 442, 443. Aesthetics. (G) 3 hours each term.

Major theories of beauty and the aesthetic experience—ancient, mediaeval, renaissance, modern, and contemporary. Prerequisite: consent of instructor. Jessup. Thursday, 6:45-9:25; Museum Art School, S. W. Park Avenue at Madison Street.

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 209.

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

Professor: Schumacher.

Assistant Professors: Nagy, Ostrom.

Upper-Division Courses

PS 314. **Problems of State and Local Government.** 3 hours fall.

A study of the major problems in the organization and function of state. Ostrom. Wednesday, 6:45-9:25; Room 102.

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 114.

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 114.

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

PS 414. **Political Parties and Election Problems.** (G) 3 hours fall.

The nature, organization, and operation of political parties; election and recall of officers; proportional representation; initiative and referendum; civil-service reform. Schumacher. Monday, 6:45-9:25; Room 211.

PS 419, 420. **International Organization.** (G) 3 hours each term, fall and winter.

A survey and analysis of the development of public international organization, with chief emphasis on the United Nations and its affiliated organizations; consideration of the leading problems of the United Nations; international administration. Nagy. Wednesday, 6:45-9:25; Room 114.

PS 421. **International Law.** (G) 3 hours spring.

Introduction to international public law. Forces influencing its development; the nature and sources of international law; codification; the International Court of Justice. Rules of international law respecting more important subjects. Nagy. Wednesday, 6:45-9:25; Room 114.

Psychology

Professors: Chambers, Griffith.

Associate Professor: Courts.

Assistant Professor: Wilcox.

Instructor: Gilmore.

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 winter or spring.

The nature and origins of differences in personality; means of making desired changes. Prerequisite: Psy 201, 202. Gilmore. Thursday, 6:45-9:25; Room 314.

Upper-Division Courses

Psy 411. Genetic Psychology. (G) 3 hours fall.

Growth of behavior during the prenatal period, infancy, and childhood. Development of muscular activities, perception, emotional adjustment, intelligence, language, and social behavior in childhood. Griffith. Thursday, 6:45-9:25; Room 109.

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

Study of the behavior changes during pre-adolescence, adolescence, maturity, and old age. Intended to follow Psy 411. Griffith. Thursday, 6:45-9:25; Room 109.

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

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

Psy 443, 444, 445. Psychometrics. (G) 2 hours each term.

Selection and construction of test items; methods of item analysis; use of multiple regression in the construction of test batteries; problems of weighting applied to a particular project; the use of norms and systems of derived scores; factor analysis in the construction. Courts. Tuesday, 6:45-9:25; Room 214.

Psy 471, 472, 473. Individual Differences. (g) 3 hours each term.

Theories in regard to individual differences; experimental evidence; importance in personal, educational, and social adjustments; guiding and directing normal development. Prerequisite: Psy 201, 202, 203, or Psy 207, 208. First two terms may be taken independently; the third term must be preceded by both the others. Chambers. Thursday, 6:45-9:25; Room 208.

Public Health

Professors: Sears, Weinzirl, Youmans.

Assistant Professors: Griswold, Veazie.

Instructor: Pitcairn.

Research Assistant: Jackets.

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 character-

istics of bacteria, with special emphasis on the microorganisms causing human disease. Bac 348, 349, 350 must be taken in conjunction with this course. Jackets. Thursday, 7:15-9:15; Bacteriology Laboratory, third floor, Medical School. Laboratory fee, \$3.00 each term, in addition to registration fee of \$10.00.

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 \$10.00.

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. Griswold, Pitcairn, Youmans. Thursday, 7:15-9:00; Room 314.

Graduate Course

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

A general survey of personal and community hygiene. Topics considered are: immunization, medicine, surgery, food, carriers, cleanliness, isolation, disinfection, temperature, humidity, ventilation, lighting, clothing, exercise, public-health organization. Weinzirl. Thursday, 6:45-9:25; Room 209.

Public Speaking

(See SPEECH)

Science

(See CHEMISTRY, PHYSICS, ZOOLOGY)

Sociology

Associate Professor: Parks.

Assistant Professor: Lewis.

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 203.

Upper-Division Courses

Soc 334, 335. **Social Psychology.** 3 hours each term, winter and spring.

Analysis of the psychological and sociological processes involved in personality formation and in various forms of group behavior. Particular attention to origin, function, ideologies, membership, and leadership. Prerequisite: Soc 204, 205 or Psy 201, 202. Parks. Thursday, 3:45-6:25; Room H, Central Library.

Soc 338. Marriage and the Family. 3 hours any term.

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 306.

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. Planned for graduate-nurse students, open to all. Iverson. Monday, 9:00-11:00 A.M.; Friday, 10:00-11:00 A.M.; 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 109.

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 109.

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 109.

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. Planned for graduate-nurse students, open to all. Queen. Wednesday, 8:00-10:00 A.M.; University of Oregon Medical School.

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

The development of "race consciousness" and emergent problems of race-culture contacts. Prerequisite: introductory course in sociology, anthropology, or psychology. Parks. Thursday, 3:45-6:25; Room H, Central Library.

*Graduate Courses in Social Work***Soc 517. History of Social Welfare.** 3 hours fall.

History and current theories of social welfare work; development of public programs. Lewis. Monday, 6:45-9:25; Room 204.

Soc 518. Public Welfare. 3 hours winter.

Care of the 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. Lewis. Monday, 6:45-9:25; Room 204.

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 responsibilities of the state in safeguarding these rights. Lewis. Monday, 6:45-9:25; Room 204.

Soc 525, 526. Social Case Work. 3 hours each term, fall and winter.

Generic concepts of case work practice in different agency settings; diagnosis and analysis of cases, treatment of cases. Lewis. Tuesday, 4:00-6:00 and as arranged; Room D, Central Library.

Soc 530. Social Group Work. 3 hours winter.

Basic concepts of group work and their development; organization, leadership, and processes of group work; relation of group work to case work. Goldman. Wednesday, 9:30 A.M.-12:10 P.M.; Room A, Central Library.

Soc 550. Psychiatric Information for Social Workers. 3 hours fall.

The growth of the individual, with emphasis on emotional factors; the integration of psychiatric theory with case work; social factors that influence development. Special lectures and case studies. Lewis. Lecturers: McNutt, Singer. Wednesday, 6:45-9:25; Room 103.

Soc 551. Psychiatric Information for Social Workers. 3 hours winter.

Emotional problems commonly met in social agencies; the roles of the psychiatrist and the case worker in the study and treatment of the patient. Special lectures and case studies. Prerequisite: Soc 550 or consent of instructor. Lewis. Lecturers: McNutt, Singer. Wednesday, 6:45-9:25; Room 103.

Soc 552. Medical Information for Social Workers. 3 hours spring.

Social factors in common disabling illnesses; the integration of the work of the physician and the case worker; the role of the physician in the treatment of the social and physical problems of the patient. Special lectures and case studies. Lewis. Lecturer: Weinzirl. Wednesday, 6:45-9:25; Room 103.

Speech

Associate Professor: Collier.

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

*Lower-Division Courses***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.

Sp 241. Fundamentals of Broadcasting. 2 hours fall.

General survey of broadcasting; technical equipment used for broadcasting, types of programs, radio laws and policies affecting the industry, analysis of audience characteristics, radio terminology. H. Smith. Wednesday, 7:15-9:00; Room 310.

*Upper-Division Courses***Sp 341, 342. Radio Workshop.** 2 hours each term, winter and spring.

Student participation in the production of the major types of radio programs. Practical application of microphone technique, sound effects, script writing, etc., in the broadcast studio. Prerequisite: consent of instructor. H. Smith. Wednesday, 7:15-9:00; Room 310.

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

Principles of acting technique. Problems in the analysis and presentation of character. D. Smith. Wednesday, 7:15-9:00; Room 213.

Sp 411. Speech for the Classroom Teacher. 3 hours fall or spring.

Instruction in speech and speech forms designed for classroom use. Required for English majors who intend to teach but open to all prospective teachers. Fall or spring: Dawson. Thursday, 6:45-9:25; Room 306. Bowers, term and place to be announced.

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 309.

Zoology

Assistant Professor: Macnab.

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 314. *Laboratory*, Wednesday, 6:45-9:25; Room 308. Laboratory fee, \$3.00 each term.

Schedule of Classes

Lincoln High School

(G) (g) indicate 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) Schukart.....	6:45-9:25	315
A 212. Art Structure II (W) Schukart.....	6:45-9:25	315
A 311. Art Structure III (S) Schukart.....	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, 413. Personnel Management (G) (F,W) Ford.....	6:45-9:25	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
Education		
Ed 312. Educational Psychology (F) Bernard.....	6:45-9:25	202
Ed 460. Psychology of Childhood (G) (S) Caughlan.....	6:45-9:25	111
Ed 461. Adolescence: Growth and Development of the Individual (G) (W) Bernard.....	6:45-9:25	202
Ed 465. Diagnostic and Remedial Techniques (G) (F) Phelps.....	6:45-9:25	210
Ed 466. Diagnostic and Remedial Instruction in the Skills (Arithmetic) (W) Hoel.....	6:45-9:25	210
Ed 512. Research Procedures in Education (S) Bernard.....	6:45-9:25	202
Ed 552. The American Elementary School (F) Sandin.....	6:45-9:25	203
Ed 553. Curriculum of the Elementary Schools (W) Sandin.....	6:45-9:25	203
Ed 554. Supervision of Elementary Schools (S) Sandin.....	6:45-9:25	203
Ed 575. School Finance (S) Putnam.....	6:45-9:25	212
Ed 581. Curriculum Foundations (F) Caughlan.....	6:45-9:25	111
Ed 582. Curriculum Survey (W) Caughlan.....	6:45-9:25	111
Engineering		
GE 101, 102, 103. Engineering Problems (F, W) Comfort, (S) Greiling.....	6:45-9:25	313
English		
Eng 391, 392, 393. American Novel (F, W, S) Oliver.....	6:45-9:25	112
Wr 111, 112, 113. English Composition (F, W, S) Hunner....	6:45-9:25	205
Wr 114, 115, 116. Vocabulary Building (F, W, S) Collier.....	7:15-9:00	201
Wr 01, 02, 03. Manuscript Forum (F, W, S) Powers.....	7:15-9:00	110

<i>Course, Term, Instructor</i>	<i>Time</i>	<i>Room</i>
Foreign Languages		
RL 4a, 4b, 5a. Second-Year French (First Course) (F, W, S) Beattie.....	7:15-9:00	208
GL 1a, 1b, 2a. First-Year German (First Course) (F, W, S) Eaton.....	7:15-9:00	310
RL 31p, 32p, 33p. First-Year Italian (F, W, S) Spada.....	7:15-9:00	318
SL 11a, 11b, 12a. First-Year Russian (First Course) (F, W, S) Krivoshein.....	7:15-9:00	309
RL 11a, 11b, 12a. First-Year Spanish (First Course) (F, W, S) Herman (Section I).....	7:15-9:00	113
General Science		
Sc 101, 102, 103. Biological Science Survey (F, W, S) Payne	7:15-9:00	213
Geology		
G 330. Life of the Past (W) Dole.....	6:45-9:25	13
G 350. Rocks and Minerals (F) Dole.....	6:45-9:25	13
G 352. Geology of Oregon (S) Dole.....	6:45-9:25	13
Health and Physical Education		
PE 411, 412, 413. Physical-Education Workshop (g) (F, W, S) Hudson.....	6:45-9:25	Gym
History		
Hst 341, 342, 343. Europe Since 1815 (F, W, S) Learned.....	6:45-9:25	209
Home Economics		
HAd 311, 312. Child Development (F, W) Jonasson.....	6:45-9:25	214
HAd 413. Child Development (S) Jonasson.....	6:45-9:25	214
Mathematics		
Mth 211. Foundations of Mathematics (F) Hoel.....	7:15-9:00	210
Music		
Mus 111a, 111b, 112a. Theory I (First Course) (F, W, S) Stehn.....	7:15-9:00	108
Nursing Education		
Nur 461a, 461b. Introduction to Public Health Nursing (W, S) Palmquist.....	7:15-9:00	211
Physics		
Ph 201, 202, 203. General Physics Lecture (F, W, S) Heller	6:45-9:25	2
Political Science		
PS 414. Political Parties and Election Problems (G) (F) Schumacher.....	6:45-9:25	211
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

SCHEDULE OF CLASSES

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<i>Course, Term, Instructor</i>	<i>Time</i>	<i>Room</i>
Sociology		
Soc 517. History of Social Welfare (F) Lewis.....	6:45-9:25	204
Soc 518. Public Welfare (W) Lewis.....	6:45-9:25	204
Soc 519. The Child and the State (S) Lewis.....	6:45-9:25	204
Speech		
Sp 114. Voice and Diction (F, S) Churchill.....	6:45-9:25	206
Zoology		
Z 201, 202, 203. General Zoology Lecture (F, W, S) Macnab	7:15-9:00	314
Tuesday		
Art		
A 218. Crafts (F) Schukart.....	6:45-9:25	315
A 352. Art in Environment (W) Schukart.....	7:15-9:00	315
Business Administration		
BA 111, 112, 113. Constructive Accounting (F, W, S) Skelton.....	6:45-9:25	104
BA 312. Principles of Cost Accounting (F) Twietmeyer.....	6:45-9:25	208
BA 339. Principles of Advertising (S).....	6:45-9:25	310
BA 411. Business Public Relations (W) Chappel.....	6:45-9:25	203
BA 416, 417, 418. Business Law (F, W, S) Collier (Section I).....	6:45-9:25	201
BA 425. Real-Estate Fundamentals (G) (F) Callis.....	6:45-9:25	109
BA 429. Human Relations in Supervision (G) (S) Campbell.....	6:45-9:25	109
BA 467. Public-Utility Management (G) (F) Conkling.....	6:45-9:25	203
BA 480. Life Insurance (G) (S) Greene.....	6:45-9:25	208
BA 489, 490, 491. Advanced Accounting Theory and Practice (F, W, S) Janney.....	6:45-9:25	102
Chemistry		
Ch 232, 233a, 233b. Quantitative Analysis (F, W, S) Johnson;	6:45-10:00	Vanport
Economics		
Ec 437. Economic Problems of Federal Regulation (G) (F) Staten.....	7:15-9:00	209
Ec 438. Government Control of Private Business (G) (W) Staten.....	6:45-9:25	209
Education		
Ed 316. Oregon School Law and System of Education (F) Campbell.....	7:15-9:00	103
Ed 408 (a). Methods and Materials (Art) (S) Shukart.....	6:45-9:25	315
Ed 431. Selection and Use of Teaching Aids (G) (S) Hahn.....	6:45-9:25	4
Ed 460. Applied Mental Hygiene (F) Bernard.....	6:45-9:25	202
Ed 460. Psychology of Childhood (G) (W) Bernard.....	6:45-9:25	202
Ed 462. Psychology of Exceptional Children (G) (S) Bernard.....	6:45-9:25	202
Ed 485. Principles and Practices of Guidance Services (G) (F) Zeran.....	6:45-9:25	114
Ed 486. Occupational and Educational Information (G) (S) McCorkle.....	6:45-9:25	114
Ed 487. Counseling Techniques (G) (W) McCorkle.....	6:45-9:25	114
Ed 492. Recent Trends in Language Arts (G) (S) Phelps.....	6:45-9:25	203

<i>Course, Term, Instructor</i>	<i>Time</i>	<i>Room</i>
Engineering		
GE 121, 122. Engineering Drawing (F, W) Smith.....	6:45-9:25	313
GE 123. Descriptive Geometry (S) Smith.....	7:15-9:00	313
IE 391. Methods and Motion Study (F) Engesser.....	6:45-9:25	309
EE 405. Reading and Conference (Electronics) (F) Albert	6:45-9:25	106
EE 405, 505. Reading and Conference (A-C Network Calculator Studies) (W) Starr.....	6:45-9:25	106
EE 405, 505. Reading and Conference (Symmetrical Components) (S) Starr.....	6:45-9:25	106
EE 405, 505. Reading and Conference (Power System Operation and Coordination) (S) Starr.....	7:15-9:00	106
English		
Eng 261, 262, 263. Survey of American Literature (F, W, S) Hunner.....	6:45-9:25	205
Eng 311. Tragedy (F) Franchere.....	6:45-9:25	112
Eng 407. Seminar in Special Authors (G) (S) Franchere....	6:45-9:25	112
Eng 428. Chaucer (G) (W) Franchere.....	6:45-9:25	112
Wr 111, 112, 113. English Composition (F, W, S) Oliver.....	6:45-9:25	206
Wr 354, 355. Advanced Creative Writing (F, W) Powers.....	7:15-9:00	110
Wr 352. Versification (S) 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	210
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	213
Health and Physical Education		
PE 471. Human Anatomy (g) (F) Holland.....	6:45-9:25	314
PE 472. Kinesiology (g) (W) Holland.....	6:45-9:25	314
PE 473. Physiology of Exercise (g) (S) Holland.....	6:45-9:25	314
PE 499. Community Recreation (S) Lensch.....	6:45-9:25	309
Horticulture		
Hrt 111. Home Horticulture (F) Bouquet.....	7:15-9:00	111
Journalism		
J 111, 112. Elementary Journalism (F, W) Judkins.....	6:45-9:25	2
J 211. Introduction to Journalism (S) Judkins.....	6:45-9:25	2
Landscape Architecture		
LA 279. Home-Ground Planning (F) Gerke.....	7:15-9:00	13
Mathematics		
Mth 101, 102, 103. Elementary Analysis (F, W, S) Gibb.....	7:15-9:00	212
Music		
Mus 112b, 113a, 113b. Theory I (Second Course) (F, W, S) Stehn.....	7:15-9:00	108

SCHEDULE OF CLASSES

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<i>Course, Term, Instructor</i>	<i>Time</i>	<i>Room</i>
Physics		
Ph 161. Rudiments of Photography (S) Culbertson.....	7:15-9:00	209
Psychology		
Psy 443, 444, 445. Psychometrics (G) (F, W, S) Courts.....	7:15-9:00	214
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.....	7:15-9:00	Med. Sch.
Sociology		
Soc 338. Marriage and the Family (any term) Drum.....	6:45-9:25	306
Soc 525, 526. Social Case Work (F, W) Lewis.....	4:00-6:00	D Cent.Lib.
Wednesday		
Anthropology		
Anth 423, 424, 425. Peoples of the Pacific (F, W, S) Merz.....	6:45-9:25	113
Business Administration		
BA 416, 417, 418. Business Law (F, W, S) Collier (Section II).....	6:45-9:25	201
BA 471, 472, 473. Foreign-Trade Technique (G) (F, W, S) Lomax.....	6:45-9:25	206
BA 463, 464, 465. Investments (F, W, S) Bell.....	6:45-9:25	202
Chemistry		
Ch 104, 105, 106. General Chemistry (F, W, S) Todd.....	6:30-8:30	Med. Sch.
Commercial Education		
CEd 507. Practicum in Business Education (F) Yerian.....	6:45-9:25	208
Economics		
Ed 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) Condit.....	7:15-9:00	212
Ed 362. Story Telling (F) Morris.....	7:15-9:00	210
Ed 435. Audio-Visual Aids (G) (F) DeBernardis.....	6:45-9:25	209
Ed 485. Guidance and Counseling (W) Erickson.....	6:45-9:25	209
Ed 507. Seminar: Science Education (W) Kambly.....	6:45-9:25	208
Ed 523. School Activity Program (W) Hearn.....	6:45-9:25	210
Ed 524. Measurement in Education (S) Rummel.....	6:45-9:25	209
Ed 561. Advanced Educational Psychology (F) Pierce-Jones	6:45-9:25	309
Ed 573. Basic Course in School Administration (W) Patton	6:45-9:25	211
Ed 574. Basic Course in School Supervision (S) Patton.....	6:45-9:25	211
Ed 583. Curriculum Materials (S) DeBernardis.....	6:45-9:25	210
Engineering		
GE 101, 102, 103. Engineering Problems (F, W) Comfort, (S) Greiling.....	6:45-9:25	313
CE 383a, 383b. Reinforced Concrete (F, W) Holcomb.....	7:15-9:00	214

English

Eng 201, 202, 203. Shakespeare (F, W, S) Franchere.....	6:45-9:25	112
Eng 450, 451, 452. Eighteenth-Century Literature (F, W, S) Hunner.....	6:45-9:25	205
Wr 111, 112. English Composition (F, W) Jones.....	6:45-9:25	212
Wr 112. English Composition (S) Jones.....	6:45-9:25	208
Wr 324, 325, 326. Short-Story Writing (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	211
RL 34p, 35p, 36p. Second-Year Italian (F, W, S) Spada.....	7:15-9:00	318
SL 15b, 16a, 16b. Second-Year Russian (Second Course) (F, W, S) Krivoshein.....	7:15-9:00	314
RL 12b, 13a, 13b. First-Year Spanish (Second Course) (F, W, S) Katz.....	7:15-9:00	2

General Science

Sc 201, 202, 203. Foundations of Physical Science (F, W, S) Lange.....	6:45-9:25	104
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History

Hst 201, 202, 203. History of the United States (F, W, S) Spurlock.....	6:45-9:25	204
Hst 446. Recent Germany (G) (F) Jonasson.....	6:45-9:25	111
Hst 448. Soviet Union (G) (S) Jonasson.....	6:45-9:25	111
Hst 469. Recent England (G) (W) Jonasson.....	6:45-9:25	111

Home Economics

CT 231. Home Furnishing (F) Jonasson.....	6:45-9:25	315
HAd 223. Family Relationships (S) Jonasson.....	7:15-9:00	315
HAd 239. Home Management (W) Jonasson.....	6:45-9:25	315

Music

Mus 227, 228, 229. Masterpieces in Musical Literature (F, W, S) Stehn.....	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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Political Science

PS 314. Problems of State and Local Government (F) Ostrom.....	6:45-9:25	102
PS 411, 412. Introduction to Public Administration (G) (W, S) Ostrom.....	6:45-9:25	102
PS 419, 420. International Organization (G) (F, W, S) Nagy	6:45-9:25	114
PS 421. International Law (G) (S) Nagy.....	6:45-9:25	114

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

Sociology

Soc 415. Criminology (G) (F) Drum.....	6:45-9:25	109
Soc 416. Penology (G) (W) Drum.....	6:45-9:25	109
Soc 417. Juvenile Delinquency (G) (S) Drum.....	6:45-9:25	109
Soc 530. Social Group Work (W) Goldman.....	9:30-12:10	A
		Cent. Lib.
Soc 550. Psychiatric Information for Social Workers (F) Lewis.....	6:45-9:25	103
Soc 551. Psychiatric Information for Social Workers (W) Lewis.....	6:45-9:25	103
Soc 552. Medical Information for Social Workers (S) Lewis.....	6:45-9:25	103

Speech

Sp 241. Fundamentals of Broadcasting (F) H. Smith.....	7:15-9:00	310
Sp 341, 342. Radio Workshop (W, S) H. Smith.....	7:15-9:00	310
Sp 351, 352, 353. Technique of Acting (F, W, S) D. Smith.....	7:15-9:00	213

Zoology

Z 201, 202, 203. General Zoology Laboratory (F, W, S).....	6:45-9:25	308
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Thursday

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 223. Elements of Marketing (W) Ballaine.....	6:45-9:25	110
BA 428. Human Relations in Supervision (G) (W) Standing.....	6:45-9:25	306
BA 432. Business Statistics (S) Ballaine.....	6:45-9:25	110
BA 438. Industrial Purchasing (F) Ballaine.....	6:45-9:25	110
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)	6:30-10:00	Med.Sch.
Ch 232, 233a, 233b. Quantitative Analysis (F, W, S) Johnson	6:45-10:00	Vanport

Education

Ed 311. Secondary Education in American Life (F) Bortolazzo.....	6:45-9:25	113
Ed 312. Educational Psychology (W) Bortolazzo.....	6:45-9:25	113
Ed 313. Principles of Teaching (S) Bortolazzo.....	6:45-9:25	113
Ed 354. Introduction to Education (S) Stevens.....	6:45-9:25	202
Ed 418. Educational Tests and Measurements (W) Stevens.....	6:45-9:25	202
Ed 450. Radio Education (G) (S) Somerville.....	6:45-9:25	103
SEd 481. Alcohol Studies in the School Curriculum (G) (W) Ferrier.....	6:45-9:25	111
Ed 522. Problems in American Secondary Education (S) Jacobson.....	6:45-9:25	111
Ed 572. Basic Course in School Organization (F) Ebey.....	6:45-9:25	111

Engineering

GE 121, 122. Engineering Drawing (F, W) Smith.....	6:45-9:25	313
GE 123. Descriptive Geometry (S) Smith.....	7:15-9:00	313

English

Eng 101, 102, 103. Survey of English Literature (F, W, S) Franchere.....	6:45-9:25	112
Eng 315. Comedy (S) Dahlstrom.....	6:45-9:25	206
Eng 328. American Drama (W) Dahlstrom.....	6:45-9:25	206
Eng 436. Advanced Shakespeare (G) (F) Dahlstrom.....	6:45-9:25	206
Wr 111, 112, 113. English Composition (F, W, S) Collier.....	6:45-9:25	201
Wr 117. Good Usage in Writing (any term) Hunner.....	6:45-9:25	205
Wr 214. Business English (F, S) Gill.....	6:45-9:25	209

Foreign Languages

GL 2b, 3a, 3b. First-Year German (Second Course) (F, W, S) Eaton.....	7:15-9:00	310
OL 21p, 22p, 23p. First-Year Chinese (F, W, S) Chao.....	7:15-9:00	318
RL 347, 348, 349. Intermediate Spanish Composition and Conversation (F, W, S) Katz.....	7:15-9:00	2

General Science

Sc 101, 102, 103. Biological Science Survey Laboratory (F, W, S) Payne.....	7:15-9:00	Vanport
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Geography

Geog 323. Geography of the Pacific Northwest (S) Newhouse.....	6:45-9:25	213
Geog 426. Geography of Europe (G) (F) Newhouse.....	6:45-9:25	213
Geog 427. Geography of the Soviet Union (G) (W) Newhouse.....	6:45-9:25	213

Health and Physical Education

PE 414. Materials and Methods of Folk, Square, and Social Dancing (g) (F or W) Jenne.....	7:15-9:00	Gym.
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History

Hst 201, 202, 203. History of Western Civilization (F, W, S) Spurlock.....	6:45-9:25	204
Hst 337. Oregon History (F) Smith, (W, S) Hoffmann.....	7:15-9:00	211

Home Economics

CT 331. Home Furnishing (W) Morehouse.....	6:45-9:25	214
HAd 423. Parent Education (F) Novak.....	7:15-9:00	214

Mathematics

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

Nur 450. Personnel Administration I (F) Vreeland.....	6:45-9:25	210
Nur 452. Personnel Administration II (W) Vreeland.....	6:45-9:25	210

Philosophy

Phl 441, 442, 443. Aesthetics (G) (F, W, S) Jessup.....	6:45-9:25	Mus. Art. School
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SCHEDULE OF CLASSES

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Political Science

PS 320, 321. World Politics (F, W) Nagy.....	6:45-9:25	114
PS 322. American Diplomacy (S) Nagy.....	6:45-9:25	114

Psychology

Psy 204. Psychology of Adjustment (W, S) Gilmore.....	6:45-9:25	314
Psy 411. Genetic Psychology (G) (F) Griffith.....	6:45-9:25	109
Psy 412. Adolescence, Maturity, and Senescence (G) (W) Griffith.....	6:45-9:25	109
Psy 413. Abnormal Psychology (G) (S) Griffith.....	6:45-9:25	109
Psy 471, 472, 473. Individual Differences (g) (F, W, S).....	6:45-9:25	208

Public Health

Bac 351a, 351b, 351c. General Microbiology Laboratory (F, W, S) Jackets.....	7:15-9:15	Med. Sch.
PH 511. Principles of Public Health (W) Weinzirl.....	6:45-9:25	209
Phy 411p, 412p, 413p. Human Physiology (F, W, S) Griswold, Pitcairn, Youmans.....	7:15-9:00	314

Sociology

Soc 204, 205, 206. General Sociology (F, W, S) Parks.....	6:45-9:25	203
Soc 334, 335. Social Psychology (W, S) Parks.....	3:45-6:25	H
		Cent. Lib.
Soc 437. Sociology of Race Relations (G) (F) Parks.....	3:45-6:25	H
		Cent. Lib.

Speech

Sp 411. Speech for the Classroom Teacher (F, S) Dawson....	6:45-9:25	306
Sp 451, 452, 453. Theory of Acting (Blue Room Players) (F, W, S) D. Smith.....	7:15-9:00	309

Friday

Business Administration

BA 221. Elements of Organization and Production (F) Ziebarth.....	6:45-9:25	114
BA 429. Production Management (G) (W) Ziebarth.....	6:45-9:25	114
BA 435. Sales Management (G) (F) Richins.....	6:45-9:25	113
BA 436. Retail Merchandising (G) (W) Richins.....	6:45-9:25	113
BA 442. Principles of Salesmanship (G) (S) Richins.....	6:45-9:25	113
BA 452. Advanced Industrial Traffic Management (G) (S) Ziebarth.....	6:45-9:25	114

Economics

Ec 418a, 418b. Public Finance (g) (F, W) Nelson.....	7:15-9:00	111
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Education

Ed 358. Primary Education (W) Phelps (Section I).....	6:45-9:25	110
Ed 358. Primary Education (W) Noxon (Section II).....	6:45-9:25	111
Ed 359. Intermediate and Upper-Grade Education (F) Noxon.....	6:45-9:25	111
Ed 380. Elementary-School Library (W) Bond.....	7:15-9:00	102
Ed 408 (ss). Methods and Materials (Social Science) (S) Noxon.....	6:45-9:25	111
Ed 418. Educational Tests and Measurements (S).....	6:45-9:25	102
Ed 507. Seminar: Special Education (F) Killgallon.....	6:45-9:25	202

Ed 512. Research Procedures in Education (F) Reichart.....	6:45-9:25	202
Ed 543. History of American Education (S) Stevens.....	6:45-9:25	104
Ed 586. Philosophy of Education (W) Stevens.....	6:45-9:25	104
Ed 587. Adult Education (F) Stevens.....	6:45-9:25	104
English		
Eng 388. Children's Literature (F) Henkle.....	6:45-9:25	103
Wr 111. English Composition (W) Jones.....	6:45-9:25	103
Foreign Languages		
RL 2b, 3a, 3b. First-Year French (Second Course) (F, W, S) Beattie.....	7:15-9:00	203
History		
Hst 350, 351, 352. Hispanic America (F, W, S) Weir.....	6:45-9:25	109
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
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

Department of State-Wide Services

Beginning in 1949, the General Extension Division offices located on the Eugene campus were combined to form the Department of State-Wide Services. This merger involved State-Wide Classes and the Office of Correspondence Study. State-Wide serves the entire state outside Portland with classes from all the institutions of higher learning. These classes are arranged on both credit and noncredit bases. All Oregon institutions of higher learning recognize credit earned through extension classes, and a major portion of the hours necessary for the bachelor's degree may be taken in extension classes. The fees are in line with campus costs, and the classes are taught by professors from the staff of the University, Oregon State College, or the three colleges of education—depending upon the institution which offers the course—or by professional staff members completely approved by these institutions. The motto, "The State is the Campus," clearly illustrates the scope of service available to all citizens of Oregon.

Correspondence study offers over 300 home-study courses in the following general fields: anthropology, architecture, art, aviation, biology, business administration, economics, education, engineering, English, literature, geography, geology, history, home economics, journalism, languages (both modern and classical), library methods, mathematics, physics, political science, psychology, secretarial science, sociology, and zoology. Also offered are high-school courses in almost every subject.

Correspondence students are found in all but three states, in all outlying possessions, and in many foreign countries.

Instruction through correspondence study is thorough, pleasant, and efficient, and this branch of the newly created Department of State-Wide Services is the eighth largest in the United States in terms of students being served.

For further information or catalogs, write Department of State-Wide Services, General Extension Division, 1225 Kincaid Street, Eugene, Oregon.

Enrollment in General Extension Division

July 1, 1949—June 30, 1950

EXTENSION CLASSES (Indicate City)	Undergraduates			Graduates			Auditors			Noncredit			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
Portland Center.....	1,614	2,504	4,118	338	303	641	297	566	863	128	109	237	2,577	3,482	5,859
Vanport Center.....	1,951	366	2,317	---	---	---	---	---	---	---	---	---	1,951	366	2,317
STATE-WIDE CLASSES															
Albany.....	9	93	102	10	17	27	---	5	5	---	---	---	19	115	134
Ashland.....	5	10	15	---	---	---	1	4	5	---	---	---	6	14	20
Astoria.....	12	74	86	11	16	27	1	1	2	---	---	---	24	91	115
Baker.....	5	35	40	6	7	13	---	---	---	---	---	---	11	42	53
Bandon.....	1	10	11	5	7	12	---	---	---	---	---	---	6	17	23
Bend.....	18	61	79	---	---	---	13	13	26	---	---	---	31	74	105
Bend C.C.*.....	67	44	111	---	---	---	---	1	1	---	---	---	67	45	112
Bonneville.....	12	4	16	---	---	---	7	10	17	---	---	---	19	14	33
Canby.....	2	28	30	---	---	---	1	---	1	---	---	---	3	28	31
Central Point.....	5	36	41	---	---	---	13	15	28	---	---	---	18	51	69
Coos Bay.....	6	99	105	2	5	7	---	6	6	---	---	---	8	110	118
Coquille.....	8	64	72	---	---	---	1	8	9	---	---	---	9	72	81
Corvallis.....	55	154	209	29	22	51	20	30	50	---	---	---	104	206	310
Cottage Grove.....	3	30	33	1	5	6	---	1	1	---	---	---	4	36	40
Dallas.....	2	15	17	9	8	17	---	---	---	---	---	---	11	23	34
Enterprise.....	11	42	53	---	---	---	---	---	---	---	---	---	11	42	53
Estacada.....	3	29	32	6	6	12	---	---	---	---	---	---	9	35	44
Eugene.....	184	311	495	41	86	127	65	58	123	132	144	276	422	599	1,021
Florence.....	2	21	23	---	---	---	1	2	3	---	---	---	3	23	26
Forest Grove.....	9	25	34	22	15	35	---	---	---	---	---	---	31	38	69
Grants Pass.....	27	91	118	7	5	12	---	2	2	---	---	---	34	98	132
Halsey.....	3	16	19	---	---	---	---	---	---	---	---	---	3	16	19
Harrisburg.....	2	23	25	---	---	---	---	1	1	---	---	---	2	24	26
Hermiston.....	13	56	69	---	---	---	---	---	---	---	---	---	13	56	69
Hillsboro.....	95	324	419	2	1	3	14	8	22	---	---	---	111	333	444
Hood River.....	14	68	82	13	7	20	2	21	23	---	---	---	29	96	125
John Day.....	2	5	7	---	---	---	---	---	---	---	---	---	2	5	7
Klamath Falls.....	63	216	279	18	12	30	35	66	101	25	23	48	141	317	458
Klamath Falls C.C.*.....	67	102	169	---	---	---	9	12	21	---	---	---	76	114	190
La Grande.....	2	4	6	34	14	48	---	1	1	---	---	---	36	19	55
Lake Grove.....	2	18	20	---	---	---	---	---	---	---	---	---	2	18	20
Lakeview.....	2	13	15	---	---	---	---	---	---	---	---	---	2	13	15
Lebanon.....	9	78	87	7	11	18	1	2	---	---	---	---	17	90	107
Lyons.....	3	14	17	---	---	---	---	1	1	---	---	---	3	15	18
Madras.....	---	13	13	---	---	---	---	---	---	---	---	---	---	13	13
McMinnville.....	20	89	109	3	3	6	1	2	3	---	---	---	24	94	118
McNary.....	24	10	34	---	---	---	7	1	8	---	---	---	31	11	42
Medford.....	26	84	110	7	6	13	3	7	10	---	---	---	36	97	133
Milton.....	5	13	18	---	---	---	1	2	3	---	---	---	6	15	21

* Community College.

Enrollment in General Extension Division

(Continued)

July 1, 1949—June 30, 1950

	Undergraduates			Graduates			Auditors			Noncredit			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
Milwaukie.....	1	23	24	4	9	13	—	—	—	—	—	—	5	32	37
Molalla.....	—	29	29	—	—	—	—	2	2	—	—	—	—	51	51
Monmouth.....	12	33	45	15	7	22	—	1	1	—	—	—	27	41	68
Monroe.....	—	6	6	—	1	1	—	3	3	—	—	—	—	10	10
Moro.....	5	10	15	—	—	—	—	—	—	—	—	—	5	10	15
Myrtle Creek.....	1	27	28	10	7	17	—	—	—	—	—	—	11	34	45
Newberg.....	4	30	34	—	—	—	—	—	—	—	—	—	4	30	34
Newport.....	15	60	75	1	5	6	—	2	2	—	—	—	16	67	83
North Bend.....	5	23	28	6	8	14	—	1	1	—	—	—	11	32	43
Ontario.....	4	73	77	28	15	43	—	—	—	—	—	—	32	88	120
Oregon City.....	5	—	5	6	—	6	—	—	—	—	—	—	11	—	11
Pendleton.....	19	40	59	18	11	29	—	3	3	—	—	—	37	54	91
Prineville.....	5	32	37	—	—	—	2	—	2	—	—	—	7	32	39
Rainier.....	6	31	37	1	3	4	—	1	1	—	—	—	7	35	42
Redmond.....	2	21	23	9	—	9	—	2	2	—	—	—	11	23	34
Roseburg.....	17	142	159	38	28	66	2	9	11	—	—	—	57	179	236
Salem.....	93	210	303	27	39	66	8	10	18	24	—	24	152	259	411
Sandy.....	3	26	29	—	—	—	—	—	—	—	—	—	3	26	29
Seaside.....	1	11	12	—	2	2	—	1	1	—	—	—	1	14	15
Silverton.....	7	28	35	—	—	—	—	—	—	—	—	—	7	28	35
Stayton.....	4	6	10	—	—	—	4	—	4	—	—	—	8	6	14
St. Helens.....	3	45	48	—	—	—	—	—	—	—	—	—	3	45	48
Sutherlin.....	2	22	24	—	—	—	—	—	—	—	—	—	2	22	24
Sweet Home.....	7	33	40	12	9	21	1	—	1	—	—	—	20	42	62
Taft.....	1	7	8	—	2	2	2	1	3	—	—	—	3	10	13
The Dalles.....	—	25	25	4	5	9	—	—	—	—	—	—	4	30	34
Tigard.....	6	28	34	—	—	—	—	—	—	—	—	—	6	28	34
Tillamook.....	13	51	64	2	11	13	—	—	—	—	—	—	15	62	77
Vale.....	13	21	34	2	—	2	—	—	—	—	—	—	15	21	36
Veneta.....	2	17	19	—	—	—	1	1	2	—	—	—	3	18	21
Willamina.....	3	17	20	—	—	—	—	—	—	—	—	—	3	17	20
Yoncalla.....	2	13	15	—	—	—	—	—	—	—	—	—	2	13	15
Total Extension Classes.....	4,624	6,432	11,056	754	716	1,470	513	882	1,395	309	276	585	6,200	8,306	14,506
CORRESPONDENCE STUDY															
New Registrants.....	1,293	1,418	2,711†	—	—	—	—	—	—	—	—	—	861	948	1,809†
Old Registrants.....	861	948	1,809	—	—	—	—	—	—	—	—	—	1,293	1,418	2,711†
Total, Correspondence Study.....	2,154	2,366	4,520†	—	—	—	—	—	—	—	—	—	861	948	1,809
‡Grand Total, Extension Classes and Correspondence Study.....	6,778	8,798	15,576	754	716	1,470	513	882	1,395	309	276	585	8,354	10,672	19,026

† June registrations estimated from last year's report.

‡ Figures include 121 men and 354 women who took classes in more than one center.

**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.

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