

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



Portland Extension Center

Catalog Issue, 1942-43

Portland, Oregon

PORTLAND EXTENSION CENTER

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

**ANNOUNCEMENTS
1942-43**

**814 OREGON BUILDING
PORTLAND, OREGON**

Oregon State System of Higher Education

THE Oregon State System of Higher Education, as organized in 1932 by the State Board of Higher Education following a Federal survey of higher education in Oregon, includes all the state-supported institutions of higher learning. The several institutions are now elements in an articulated system, parts of an integrated whole. The educational program is so organized as to distribute as widely as possible throughout the state the opportunities for general education and to center on a particular campus specialized, technical, and professional curricula closely related to one another.

The institutions of the State System of Higher Education are the University of Oregon at Eugene, Oregon State College at Corvallis, the Oregon College of Education at Monmouth, the Southern Oregon College of Education at Ashland, and the Eastern Oregon College of Education at La Grande. The University of Oregon Medical School, located on a separate campus in Portland, is administratively autonomous but traditionally and academically an integral part of the University of Oregon.

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. At the Southern Oregon College of Education and the Eastern Oregon College of Education 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.

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

State Board of Higher Education

	Term Expires
C. A. BRAND, Roseburg.....	1943
E. C. SAMMONS, Portland.....	1944
ROBERT W. RUHL, Medford.....	1945
EDGAR W. SMITH, Portland.....	1946
WILLARD L. MARKS, Albany.....	1947
R. C. GROESBECK, Klamath Falls.....	1948
MAC HOKE, Pendleton.....	1949
R. E. KLEINSORGE, Silverton.....	1950
BEATRICE WALTON SACKETT, Marshfield.....	1951

OFFICERS

WILLARD L. MARKS.....	President
BEATRICE WALTON SACKETT.....	Vice-President

EXECUTIVE COMMITTEE

WILLARD L. MARKS

BEATRICE WALTON SACKETT

E. C. SAMMONS

FREDERICK M. HUNTER, Chancellor

CHARLES D. BYRNE, Secretary

Office of the State Board of Higher Education
Eugene, Oregon

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Oregon State System of Higher Education

Executive Officers

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Chancellor
 WILLIAM JASPER KERR, D.Sc., LL.D., Chancellor Emeritus

- | | |
|---|--|
| DONALD MILTON ERB, Ph.D.
President, University of Oregon | AUGUST LEROY STRAND, Ph.D., President, Oregon State College |
| RICHARD BENJAMIN DILLEHUNT, M.D.
Dean, University of Oregon Medical School | CHARLES ABNER HOWARD, M.A., LL.D.
President, Oregon College of Education. |
| WALTER REDFORD, Ph.D.
President, Southern Oregon College of Education | ROBEN JOHN MAASKE, Ph.D.
President, Eastern Oregon College of Education |

Deans and Directors*

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

* Each dean and director in this list is interinstitutional in function, and the Chancellor's principal adviser in his field.

PORTLAND EXTENSION CENTER

CALENDAR, 1942-43

Fall Term

September 21-26, Monday to Saturday.....Classes begin as scheduled
October 10, Saturday.....Last day for fees (before noon)
November 11, Wednesday.....Armistice Day, holiday
November 26-29, Thursday to Sunday.....Thanksgiving vacation
December 7-12, Monday to Saturday.....Term examinations

Winter Term

January 4-9, Monday to Saturday.....Classes begin as scheduled
January 23, Saturday.....Last day for fees (before noon)
March 15-20, Monday to Saturday.....Term examinations

Spring Term

March 22-27, Monday to Saturday.....Classes begin as scheduled
April 10, Saturday.....Last day for fees (before noon)
May 24-29, Monday to Saturday.....Term examinations

Portland Extension Center

OREGON STATE SYSTEM OF HIGHER EDUCATION

Faculty

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Chancellor.
WILLIAM JASPER KERR, D.Sc., LL.D., Chancellor Emeritus.
DONALD MILTON ERB, Ph.D., President, University of Oregon.
AUGUST LEROY STRAND, Ph.D., President, Oregon State College.
CHARLES ABNER HOWARD, M.A., LL.D., President, Oregon College of Education;
Director of Elementary Teacher Training.

VERNE VINCENT CALDWELL, Ph.D., Dean and Director of General Extension Division; Director of Summer Sessions.
OLOF LARSELL, Ph.D., Sc.D., Dean and Director of Graduate Division.
EARL MANLEY PALLET, Ph.D., Registrar of the Portland Center.
MARGARET MORRISON SHARP, Administrative Assistant, Portland Center.

*LOUIS BERELSON, Ph.D., Assistant Professor of English; Adviser in General Studies; Secretary of Summer Sessions.

A.B. (1930), Whitman; M.A. (1931), California; Ph.D. (1934), Virginia. Administrative Assistant (1935-37); Secretary of Summer Sessions (1937—); Adviser in General Studies (1938—); Assistant Professor (1941—).

ANN-REED BURNS, B.A., Instructor in Romance Languages; Secretary of Summer Sessions.

B.A. (1936), Oregon. Secretary of Summer Sessions (1942—); Instructor in Romance Languages (1942—).

VERNE VINCENT CALDWELL, Ph.D., Professor of Psychology; Adviser in General Studies; Dean and Director of General Extension; Director of Summer Sessions.

B.S. (1926), M.S. (1927), Idaho; Ph.D. (1933), Southern California. Faculty, Southern Oregon Normal (1926-31); Oregon College of Education (1932-40). Dean and Director of General Extension, and Director of Summer Sessions (1940—).

PERCY M. COLLIER, B.A., LL.B., Associate Professor of English.

B.A. (1911), Oregon; LL.B. (1914), Michigan. Secretary, Oregon High School Debating League (1929-41); Lecturer (1929-30); Assistant Professor (1930-42); Associate Professor (1942—).

*BERNARD HINSHAW, B.A., Associate Professor of Art.

B.A. (1926), Illinois Wesleyan; Diploma (1930), Art Institute of Chicago. Faculty, Illinois Wesleyan (1931-35). Associate Professor (1935—).

PHILIP WOOD JANNEY, B.A., C.P.A., Associate Professor of Business Administration.

B.A. (1920), Oregon; C.P.A. (1922), State of Oregon. Faculty, Oregon (1921-23). Assistant Professor (1923-41); Associate Professor (1941—).

MABLE HOLMES PARSONS, M.A., Professor of English.

B.A. (1904), M.A. (1905), Michigan. Faculty, Oregon (1912-19). Professor (1919—).

* On leave of absence, 1942-43.

- ALTON LOVELL ALDERMAN, Ph.D., Assistant Professor of Zoology, University of Oregon.
- HAROLD WRIGHT BERNARD, Ph.D., Assistant Professor of Education, University of Oregon.
- NORMAN AUSTIN DAVID, M.D., Professor of Pharmacology and Head of Department, Medical School.
- HENRIETTA DOLTZ, M.S., R.N., Associate Professor of Nursing Education, Medical School.
- DANIEL DUDLEY GAGE, Jr., Ph.D., Associate Professor of Business Administration, University of Oregon.
- HANCE FRANCIS HANEY, Ph.D., M.D., Professor of Physiology and Head of Department, Medical School.
- GERHARD B. HAUGEN, B.A., M.P.H., M.D., Director, Division of Mental Hygiene, Oregon State Board of Health; Psychiatrist, State Child Guidance Clinic Extension, and Clinical Instructor in Psychiatry, Medical School.
- EDWIN THOMAS HODGE, Ph.D., Professor of Economic Geology, Oregon State College.
- WILLIAM C. JONES, Ph.D., Professor of Political Science and Public Administration; Head of Department of Political Science, University of Oregon.
- THEODORE KRATT, Mus.M., Mus.D., Professor of Music and Dean of the School of Music, State System of Higher Education.
- OLOF LARSELL, Ph.D., Sc.D., Professor of Anatomy, Medical School; Dean of Graduate Division, State System of Higher Education.
- IRA A. MANVILLE, M.D., Ph.D., Associate Clinical Professor of Medicine; Director of Nutritional Research Laboratory, Medical School.
- WILLIS BUNGAR MERRIAM, Ph.D., Assistant Professor of Social Science, Oregon College of Education.
- ALFRED POWERS, A.B., Professor of Journalism; Dean and Director of Creative Writing and Publishing, State System of Higher Education.
- GEORGE REBEC, Ph.D., Prince Lucian Campbell Professor Emeritus of Philosophy, University of Oregon.
- WILLIAM CURTIS REID, Ph.D., Instructor in Physics, Oregon State College.
- CARL WALTER SALSER, Ed.M., Professor of Education and Head of Department; Head of Placement; Assistant Dean of School of Education, Oregon State College.
- HERMAN AUSTIN SCULLEN, Ph.D., Associate Professor of Entomology, Oregon State College.
- HARRY JOHNSON SEARS, Ph.D., Professor of Bacteriology, Hygiene, and Public Health and Head of Department, Medical School.
- NICHOLAS P. SULLIVAN, M.S., Graduate Assistant in Bacteriology, Hygiene, and Public Health, Medical School.
- WILBERT R. TODD, Ph.D., Associate Professor of Biochemistry, Medical School.
- ADOLPH WEINZIRL, M.D., Professor of Public Health and Preventive Medicine; Director of Division of Social Hygiene Education, Medical School.
- WILLIAM BARTON YOUMANS, Ph.D., Professor of Physiology, Medical School.

- JOHN B. APPLETON, Ph.D., Director, Northwest Regional Council of Education Planning and Public Administration.
- DAVID BEASLEY CAMPBELL, B.M., Instructor in Music, Portland Center.
- DON J. CAMPBELL, M.A., Vice-Principal, Franklin High School.
- EDNA C. CULVER, B.A., Instructor in English, Portland Center.
- AMO DEBERNARDIS, M.S., Supervisor of Visual Education, Portland Public Schools.
- SAIDIE ORR DUNBAR, B.Litt., State Executive Secretary, Oregon Tuberculosis Association.
- CHESTER R. DUNCAN, M.M., Director of Music, Portland Public Schools.
- JONATHAN W. EDWARDS, M.A., First Assistant Superintendent, Portland Public Schools.
- CALVIN B. FOULK, M.A., Instructor in Zoology, Portland Center.
- CYRIL K. GLOYN, Ph.D., Professor of Philosophy and Religion, Pacific University.
- HENRY M. GUNN, Ed.D., Third Assistant Superintendent, Portland Public Schools.
- PAUL W. HELLER, B.S., Instructor in Physics, Portland Center.
- ANNEMARIE HENLE, Ph.D., Assistant Director, Portland Art Museum.
- ALFRED J. HERMAN, Instructor in Romance Languages, Portland Center.
- FRANCES WRIGHT JONASSON, B.S., Assistant Professor of Homemaking, Linfield College.
- JONAS A. JONASSON, Ph.D., Professor of History, Linfield College.
- ARTHUR D. JONES, B.S., LL.D., Instructor in Business Administration, Portland Center.
- RANDOLPH T. KUHN, B.A., Instructor in Business Administration, Portland Center.
- DOROTHEA M. LENSCH, M.A., Director of Recreation, Portland Bureau of Parks and Public Recreation.
- ROY HAROLD LIEN, B.A., M.S., Rate Statistician, Northwestern Electric Company.
- GREBA T. LOGAN, M.A., Assistant Physical Education, Health, and Recreation Director, Portland Public Schools.
- WATT A. LONG, M.A., Director of Intermediate Education, Portland Public Schools.
- REGINALD IVAN LOVELL, Ph.D., Professor of History and Head of Department, Willamette University.
- NORA MARCO, B.S., R.N., Instructor in Home Nursing, Portland Center.
- DONALD MARYE, Director of Portland Civic Theatre.
- CECIL E. MATSON, M.A., Instructor in Speech and Dramatic Arts, Portland Center.
- JAMES A. MONTGOMERY, B.S., Instructor in Architecture and Allied Arts, Portland Center.
- DAVID S. PATTULLO, B.A., C.P.A., LL.B., Instructor in Business Administration, Portland Center.
- JAMES H. PELLEY, M.A., Principal, Llewellyn School.
- CLIFFORD E. PERRY, M.S., Second Assistant Superintendent, Portland Public Schools.

E. H. PORTER, Jr., Ph.D., Merit System Supervisor, Merit System Council for the State Public Welfare Commission.

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

LAURENCE C. RODGERS, Personnel Director, Commercial Iron Works.

EDWARD ERNEST RUBEY, B.A., C.P.A., Instructor in Business Administration, Portland Center.

DORIS SMITH, Instructor in Speech and Dramatic Arts, Portland Center.

VICTOR H. SMITH, B.S., Director of First-Aid Training, Multnomah County Chapter, American Red Cross.

RALPH M. SNIDER, B.A., Instructor in Business Administration, Portland Center.

STUART R. STRONG, B.A., C.L.U., Instructor in Business Administration, Portland Center.

CLARENCE HENRY TALBOT, Assistant Production Manager of KOIN.

ERIC P. VAN, B.B.A., C.P.A., Resident Manager, Peat Marwick, Mitchell and Company.

JAY R. WILSON, B.A., C.P.A., Instructor in Business Administration, Portland Center.

ROBERT L. WINESTONE, M.A., Instructor in Economics, Portland Center.

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

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

The Portland 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 state colleges of education render services through extension classes, short courses, correspondence study, in-service extension in elementary education, visual instruction, radio programs, and summer sessions. General Extension activities in Portland are administered through the Portland Extension Center.

For the academic year 1942-43 the Portland Center announces 108 evening, afternoon, and Saturday morning courses in 28 different departments and professional schools. The work of these classes is of standard college or university grade. The courses are intended for persons who cannot attend college.

The academic year is divided into three terms and a summer session. For 1942-43 the dates are as follows: First term, September 21 to December 12; second term, January 4 to March 20; third term, March 22 to May 29; summer session, June 21 to July 30.

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

Admission

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

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

(1) Students 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 State System of Higher Education.

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

(3) Those formally enrolled as graduate students, working toward master's degrees.

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

Admission to First-Year Standing. The requirements for admission to first-year or freshman standing 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 shall be 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 will be acceptable, but a minimum of 2 units in a single language will be required if a foreign language is selected. At the State College, to be admitted to any of the four-year curricula in engineering, except industrial arts, one unit in algebra, one-half unit in higher algebra, and one unit in geometry must be presented. A student deficient in mathematics may be admitted to a pre-engineering course for the first year, necessitating a five-year program to qualify for graduation.

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

Credit Requirements

RESIDENT credit in the University of Oregon and Oregon State College may be earned in all Portland Center courses, unless exception is made, to the extent that these courses meet the requirements of the major schools of the University and the State College. Under the regulations of the Oregon State System of Higher Education, for a degree from the University of Oregon or Oregon State College a minimum of 45 term-hours (normally the last 45) must be taken in residence. This requirement, with the approval of the Academic Requirements Committee, may be fulfilled in the Portland Extension Center and the Portland Summer Session.

Credit in the state colleges of education may be earned in the Portland Extension Center. However, for graduation from either the three- or four-year course, a minimum of 48 term-hours must be taken in campus residence, the exact amount of work depending upon the alignment of courses previously taken.

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

Group Requirements. To receive the Junior Certificate and to be admitted to upper-division standing, lower-division students must satisfy all the requirements described in the general catalogs of the State System, including the group requirements. Group requirements for the University of Oregon and Oregon State College may be planned in the Portland Center, and lower-division students should consult an adviser in the Portland Center office in regard to the courses that will satisfy these requirements.

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

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

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

Students are reminded that the primary purpose of the Portland Center and the limitations of the budget do not make it possible always to offer courses which individuals may need to fulfill degree requirements.

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

Fees and Refunds

THE registration fee for the fall term will be due not later than *October 10*; for the winter term, *January 23*; for the spring term, *April 10*. A delinquency fee of 50c per week will be charged after these dates and *registration fees cannot be accepted after the seventh week of a term.*

Registration is not completed until all fees are paid. Checks should be drawn to the order of the Portland Extension Center.

Students are held responsible for knowledge of fees and dates of payment.

SCHEDULE OF REGISTRATION FEES

Undergraduates.....\$2.50 per credit hour (minimum fee, \$5)

Students register as Undergraduates if they are working toward bachelor's degrees, or if they desire grades.

Graduates.....\$3 per credit hour (minimum fee, \$6)

Students register as Graduates if they are taking advanced work, beyond the bachelor's degree.

Auditors.....\$2 per credit hour (minimum fee, \$5)

Students register as Auditors if they wish to attend credit classes without receiving grades; also if they register in non-credit courses.

Service Men and Women.....\$1 per credit hour

Students in military service registering either for credit or as Auditors, pay this fee.

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

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

Registration. Students may register daily, except Saturday, from 9:00 a.m. to 5:00 p.m., and on Saturday from 9:00 a.m. to 12:00 m., at the Portland Center office, 814 Oregon Building, 509 Southwest Oak street; during the first three weeks of each term they may also register in the evenings, except Friday and Saturday, from 6:45 p.m. to 9:15 p.m., at Lincoln High School, 1620 Southwest Park avenue.

SCHEDULE OF DELINQUENCY FEES

4th week	\$.50
5th week	1.00
6th week	1.50
7th week	2.00

Registration fees are not payable after the 7th week.

Refunds. Refund of fees will be granted only to students who are obliged for sufficient reasons to withdraw from the Portland Extension Center. Written notification should be sent to the Portland Center office, stating the reasons for withdrawal.

SCHEDULE OF REFUNDS

To close of 3rd week	Full amount of fee
To close of 4th Week	$\frac{3}{4}$ of fee
To close of 5th week	$\frac{1}{4}$ of fee

No refunds are granted after the close of the 5th week.

Exceptions. Special provision will be made for men and women called into the military service of the United States, upon proper verification.

In case the Portland Center discontinues a class, the registration fee will be refunded in full.

Degree Fee. The degree fee of \$6.50 is paid the business office of the institution from which the degree is taken. No person may be recommended for a degree until he has paid all fees, including the degree fee.

Examination Fee. An examination fee of \$10 is paid by students not regularly registered in the Portland Center, who take final examinations for advanced degrees. Students who are registered pay the difference between their registration and \$10 for the privilege of taking such an examination.

Transcript Fee. A transcript fee of \$1 is charged for each transcript of credits issued after the first transcript, for which no charge is made.

Grading System

The quality of student work is measured by a system of grades and grade points.

Grades. The grading system consists of four passing grades: A (exceptional accomplishment); B (superior); C (average); D (inferior); F (failure); Inc (incomplete); W (withdrawn).

When the quality of the work is satisfactory but the course has not been completed, for reasons acceptable to the instructor, a report of Inc. may be made and additional time will be granted, not to exceed one year following the end of the term in which the Inc. is received. Students withdrawing from any course should notify the instructor and the Portland Center office.

Grade Points. 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 have been received.

Graduate Work

A State System General Graduate Council formulates policies for the improvement and coordination of the program of graduate instruction and research of the State System as a whole, and facilitates cooperation between the institutions in the development of common procedures in the administration of graduate work and uniform standards of graduate scholarship. The membership of the General Graduate Council includes the dean of the Graduate Division, the associate deans, the dean of general research, the dean of general extension, the dean of education, and representatives from the institutional graduate councils.

Institutional Allocation. On the basis of the allocations of curricula in the Oregon State System of Higher Education, all graduate study leading to advanced degrees at the institutions of the State System has been allocated by curricula or major subjects as follows:

University of Oregon—

Liberal arts and sciences, and the professional fields of architecture and allied arts, business administration, education, journalism, law, medical sciences (at the Medical School in Portland), music, and physical education.

Oregon State College—

The biological sciences, the physical sciences (including mathematics), and the professional and technical fields of agriculture, education, engineering, forestry, home economics, and pharmacy.

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

General Regulations. Three classes of graduate students are recognized: (1) those wishing to become candidates for a master's degree; (2) those wishing to become candidates for a doctor's degree; and (3) those wishing merely to take work beyond the requirements for the bachelor's degree. Students of the first and second classes make out programs in conformity with the rules stated below. Students of the third class register for the courses they desire, with the understanding that the institution is under no implied obligation to accept credit earned as work toward a degree. Whether a student is adequately prepared to enter a particular course is determined by the instructor in charge and the head of the department.

Grade Requirement. A grade-point average of 3.00 (a B average) is required for every graduate degree. Grades below C are not accepted for graduate credit.

Transferred Credit. A maximum of 15 term-hours of graduate work done at another accredited institution, or in extension courses approved for graduate credit, may be transferred, provided that: (1) the work fits into a logical pro-

gram for the degree; (2) the transfer is approved by the major department and by the Graduate Council; (3) grades of A or B have been earned. Credit granted for work done at another institution is tentative until validated by work in residence. (See also RESIDENCE REQUIREMENT and TIME LIMIT below.)

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

Preparation Required. Preparation for a graduate major must be an undergraduate major in the same subject, or a fair equivalent. Preparation for a graduate minor must be at least one year-sequence of upper-division work in addition to foundational courses in the subject. Graduate credit may not be earned in courses for which the student does not show proper preparation by previous record or qualifying examination.

Study Program. Graduate students beginning work toward a degree will be expected to work out with the dean of the graduate division, in tentative form at least, a complete program of study leading toward the degree desired. This program should allow sufficient time for completion of the thesis or essay. Work on the thesis or essay should be begun as early as possible.

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

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

Course Requirements. Of the 45 term-hours, the minimum requirement for the M.A. (Departmental) degree, 30 hours must be in major courses and approximately 15 in minor 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.

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

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

Qualifying Examination. A student working toward a master's degree is given a qualifying examination to ascertain whether he is fitted, both by temperament and by basic training, to pursue work on the graduate level in his chosen fields. The student should arrange with his adviser to take this examination before he has completed one-third of the work for the degree. When the qualifying examination has been passed, the student is advanced to candidacy for the degree, subject to the approval of the dean of the Graduate Division. Graduates of the University who have taken the bachelor's degree with honors in the field of the

graduate major are ordinarily exempt from the qualifying examination for the master's degree. Graduates of the State College who have maintained a grade-point of at least 3.25 throughout their undergraduate work may be exempted from taking the qualifying examination.

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

Registration. Graduate students should obtain blue registration cards, fill them in completely, obtain instructors' signatures and that of the adviser (normally the major instructor) and the dean of the graduate division, and file the card when the registration fee is paid. *No graduate credit can be obtained if this card is not filed.* Appointments for consultation with the dean of the graduate division may be made through the Portland Center office, Atwater 2165. The schedule of fees for graduate students is given on page 13.

MASTER OF ARTS—GENERAL STUDIES

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

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

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

The degree will not be given for unrelated and non-integrated graduate courses. Each case must be supervised by a member of the General Studies Committee or by a faculty member satisfactory to the major department. A student seeking this degree should make application through the Portland Center office

to the General Studies Committee either before or as soon as he enters upon graduate work. The advisers in the Portland Center are Dr. Olof Larsell, dean of the Graduate Division; Dr. E. H. Moore, chairman, General Studies Committee, University of Oregon; Dr. W. H. Dreesen, Chairman, General Studies Committee, Oregon State College, and Dr. V. V. Caldwell, dean of the General Extension Division, resident adviser, whose office is in the Portland Center. Application forms and detailed instructions will be furnished in the general offices of the Portland Center.

Description of Courses

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

A "p" following a course number indicates that the course, while for the most part similar to the course of that number listed in the official catalogs, is modified in some respect as offered at the Portland Extension Center; courses which have no parallel in the courses listed in the official catalogs of the University and the State College are given numbers not assigned to any course in these official catalogs and are followed by a "p."

Adult education courses of a non-credit nature are of general interest and not closely related to college or university curricula and are numbered with a zero preceding the number. Such courses may be at any difficulty level but will in each case demand intellectual maturity.

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

ADULT EDUCATION

INSTRUCTORS: CULVER, TALBOT

Note: The courses are of general interest and the work is of mature character; since the fields covered do not constitute an integral part of degree curricula, they do not carry college or university credit.

NON-CREDIT COURSES

Eng 02. **How to Read and How to Study.** To be given any term if sufficient demand.

See description under English. Culver. Tuesday, 7:15-9:15, room 115.

SD 02. **Radio Acting.** Three terms.

See description under English. Talbot. Monday, 7:30-9:30, Civic Theatre Workshop.*

ARCHITECTURE AND ALLIED ARTS

INSTRUCTORS: HENLE, MONTGOMERY, WUEST

LOWER-DIVISION COURSE

AA 151, 152, 153. **Mechanical Drawing.** 2 hours each term.

The use and care of instruments; geometric drawing; practical applications of the principles of orthographic projection to drafting-room practice—lettering, shop-drawings, tracings, isometric drawing, intersections, and developments of surfaces. Montgomery. Tuesday, 7:15-9:15, room 316.

UPPER-DIVISION COURSES

AA 376p, 377p, 378p. **Advanced Art Appreciation.** 2 hours each term.

A brief survey and interpretation of art forms with special emphasis on painting and drawing of the great periods of European art. Illustrated by

* 4 Northwest 23rd avenue.

slides, photography, color reproductions and the collections of the Portland Art Museum. Henle. Wednesday, 7:30-9:30, Art Museum, Southwest Park at Madison Street.

AA 414p, 415p. Art Education. 2 hours each term.

Subject matter, materials, and method of presentation; lesson plans and courses for grade and high schools. Illustrative material for teaching of craft and industrial-art processes.

Fall term: Recent discoveries in the school-art field. Factors in harmony with present trends in education. Art for Victory. Classroom problems in a war-time program. Integration of the handicrafts for an enriched curriculum. Individual problems for various age levels with experiences which serve to interpret, visualize and clarify the social as well as the art values present.

Winter term: Creative techniques in relation to the handicrafts. Experiments in the manipulation of material, including plastics, paper, wood, textiles, fibres. Projects in the graphic and theater arts for practical use, with emphasis on individual needs and situations. Design and its role in relation to craft work.

Spring term: The workshop plan with a variety of play, craft and drawing activities in visualizing ideas for various purposes. Activity programs and their development. Handicrafts for the home, for leisure time and vacation activities. Crafts for club and camp work. Sources of material and equipment. Bibliography and aids in presentation of subject. Wuest. Monday, 7:15-9:15, room 301.

BACTERIOLOGY

PROFESSORS: SEARS, WEINZIRL. INSTRUCTOR: SULLIVAN

Bac 348p, 349p. Bacteriology and Communicable Diseases. 2 hours each term.

The general characteristics of bacteria and their relation to disease; public health control of the chief communicable diseases. *Syllabus fee, 50c.* Sears. Monday, 7:15-9:15, room 317.

Bac 350p. Public Health. 2 hours winter term.

A general survey of personal and community hygiene. Some of the topics to be considered will be: vaccines, bacterins, toxins, serums, desensitization, specific medicine, surgery, and food factors; carriers of disease, cleanliness, isolation, disinfection, epidemiology; temperature, humidity, ventilation, lighting, clothing, exercise; public health organization and legislation, eugenics; maternity, infant, pre-school, occupational, and old-age hygiene. Weinzirl. Thursday, 7:15-9:15, room 205.

Bac 351p. General Microbiology Laboratory. 1 hour each term.

An introductory laboratory study of the morphological and the cultural characteristics of bacteria, yeasts, molds, and protozoa with special emphasis on the microorganisms causing human disease. Bac 348p, 349p must be taken in conjunction with this course. *Syllabus fee, 50c; laboratory fee, \$3 each term.* Sullivan. Wednesday, 7:15-9:15, bacteriology laboratory, third floor, Medical School.

Bac 352p. Communicable Diseases 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. Prerequisites: Bac 351p, or equivalent. *Laboratory fee, \$3 each term.* Sullivan. Thursday, 7:15-9:15, bacteriology laboratory, third floor, Medical School.

BUSINESS ADMINISTRATION

ASSOCIATE PROFESSORS: COLLIER, GAGE, JANNEY. INSTRUCTORS: JONES, KUHN, PATTULLO, RODGERS, RUBEY, SNIDER, STRONG, VAN, WILSON

Accounting

Note: The Oregon State Society of Certified Public Accountants' Prize, consisting of accounting books to the value of \$25, is made to the outstanding student in accounting.

LOWER-DIVISION COURSES

BA 111, 112, 113. **Constructive Accounting.** 4 hours each term.

An introduction to the field of accounting and business administration. Technique of account construction; preparation of financial statements. Application of accounting principles to practical business problems; study of proprietorship from the standpoint of the single owner, the partnership, and the corporation. Required of all majors and prerequisite to all advanced work in business administration. This course is the equivalent of BA 111p, 112p-a, 112p-b, 113p, and makes possible the completion of *Constructive Accounting* in one year. Janney. Monday and Thursday, 7:15-9:15, room 106.

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

An introductory course to the field of accounting. No prior experience or training in bookkeeping or accounting is expected of students who enroll. This course is given to acquaint the student with the functions of accounts, the relations of accounts to each other, and the purpose of accounting records in modern business procedure. Much time and attention is devoted to problems illustrating the theory of double entry both as to single transactions and as to the operation of a complete set of accounts. A limited amount of practice-set work is required. Section 1, Rubey, Monday, 7:15-9:15, room 104; Section 2 (*fall term only*), Janney, Friday, 7:00-8:50, room H, Central library.

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

A continuation of BA 111p, 112p-a. Details of accounting in the various forms of business organization, amplification of business records and accounts, leadings to a knowledge of all that is required in the preparation of comprehensive operating and financial statements. Problems and practice-set work, giving a student a thorough training in the technique of opening and closing a set of books, are required. Students with some practical or theoretical training in accounting, who are not prepared for advanced accounting, may enroll in this course. Wilson. Thursday, 7:15-9:15, room 105.

UPPER-DIVISION COURSES

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

Presupposes a thorough knowledge of accounting from the constructive standpoint. An exposition of advanced accounting principles, functions and preparation of special statements, and ratio analysis of financial statements. Considerable attention is given to the problems and legal aspects of accounting in the partnership and corporate forms of business organization. Prerequisite: BA 111p, 112p, 113p, or equivalent. Van. Monday, 7:15-9:15, room 105.

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

The principal aim is to give a thorough professional training in practical accounting theory and practice in preparation for the Certified Public Accountant examination, and for position of auditor, comptroller, or executive. The different classes of audits—balance sheet audits, detailed audits, continuous

audits, cash audits, and special investigations—are treated in detail. Prerequisite: BA 483p, 484p, 485p, or equivalent in professional training. Janney. Wednesday, 7:15-9:15, room 106.

BA 493p. Income-Tax Procedure. 2 hours each term, fall and winter terms.

A study of the income tax laws of the United States and the State of Oregon, including regulations, treasury decisions, and other pertinent administrative rulings. The preparation of individual, partnership and corporate returns, and the settlement of tax disputes will be explained. New developments in income tax law will be emphasized. Pattullo. Friday, 7:00-8:50, room D, Central library.

BA 494p, 495p. Auditing. 2 hours each term.

Theory and practice of auditing; discussion supplemented by problems, questions and specimen working papers applicable to balance-sheet audits. The auditing procedure is involved in connection with assets and liabilities, including intangible assets and contingent liabilities, accounts showing net worth, closing of an audit, and preparation of audit reports. Prerequisite: BA 490p, 491p, 492p, or equivalent. Janney. Tuesday, 7:15-9:15, room 106.

General Business Courses

LOWER-DIVISION COURSE

Rht 217p. Business English. 2 hours each term, winter and spring terms.

See description under English (Rhetoric).

UPPER-DIVISION COURSES

SD 325p, 326p. Public Speaking for Business and Professional Men and Women. 2 hours each term, fall and winter terms.

See description under English (Speech and Dramatic Arts).

BA 413p. Production Management. 2 hours each term, winter and spring terms. Analysis of cases representing actual problems in assembling and processing materials in a modern plant. Thursday, 7:15-9:15, room 107.

BA 414p. Personnel Management. 2 hours each term, fall and winter terms.

Principles and policies involved in obtaining and maintaining a competent cooperative working force. Reconciliation of the wants of the worker and the employer; labor problems; recruiting, selection, placement, training, remuneration, health, safety, risks, grievances, turnover, transfer, classification, supervision, promotion, and personal development. Rodgers. Tuesday, 7:15-9:15, room 107.

BA 416p, 417p, 418p. Business Law. 2 hours each term.

Fall term: Contracts and agency. A general, but accurate, consideration of the law that relates to business; fundamental legal principles, rights, and duties. Throughout the course, rules of law are studied and made concrete by illustrative cases and problems.

Winter term: Negotiable instruments, checks, drafts, and notes—their negotiation, banking, and discharge. Personal property, including sales, bailments, and chattel mortgages.

Spring term: Real property, deeds, mortgages, landlord and tenant, and mechanic's liens. Business organizations, partnerships and corporations, the rights and liabilities of carrying on business in these forms. Collier. Friday, 7:00-8:50, room C, Central library.

BA 425p. Real Estate Fundamentals. 2 hours fall term.

Designed for the person who wants a better understanding of the principles and practices of urban real estate operation. Suitable for the broker, or prospective broker, or salesman, as well as for the individual property owner. Lectures presented by specialists in the field and by the instructor. Topics will include: state regulation and ethics, physical and legal measurement of land, liens and taxation, legal instruments, assuring and closing title, brokerage, selling and advertising, leases and lease negotiation, management, home-building, financing, and city zoning and planning. Gage. Wednesday, 7:15-9:15, room 107.

BA 427p. Real-Estate Appraising. 2 hours winter term.

A practical course giving the several appraisal procedures and approaches along with the method of preparing and presenting an appraisal report. The points will be developed by men of experience in the special fields. The course is intended for those with experience in real property. Jones. Wednesday, 7:15-9:15, room 107.

***BA 437p. Credit Management: Credits and Collections.** 2 hours each term, fall and winter terms.

Presented to meet the needs of both the credit executive and the student who desires to enter the field of credit and financial management. Present standards and practices are given detailed treatment, together with the history and development of business methods resulting in the adoption of these standards. Sufficiently broad in scope to embrace a wide range of essential subjects—credit machinery, credit information and its sources, analyses of financial statements, extension, compositions, collections, and bankruptcy, including a study of the Bankruptcy Law of 1938. Snider. Tuesday, 7:15-9:15, room 112.

BA 439p, 440p. Advertising. 2 hours each term, fall and winter terms.

A course for those wishing to enter the field of professional advertising. Theory and technique of newspaper, direct mail, and display advertising for retail stores and other types of business. Topics covered: strategy of trademark advertising, retail and public relations advertising in war-time markets; practical market research; newspaper and magazine copy, layout, and illustration; psychology of advertising, with special consideration of buying motives. Kuhn. Thursday, 7:15-9:15, room 116.

†BA 478p. Problems of Life Insurance. 2 hours fall term.

A study of the economic basis of life insurance, outlining the monetary importance of human life values, how established economic principles may be applied to these life values, and explaining the nature of life insurance as an investment. Strong. Tuesday, 7:15-9:15, room 113.

†BA 480p. Life Insurance. 2 hours each term, winter and spring terms.

Winter term: Fundamentals. A practical and nontechnical explanation of the principles and practices of the life insurance business; aims to give a clear conception of the business as a whole.

Spring term: The principles of salesmanship. Certain fundamental principles involved in selling; application of these principles will be correlated to the economics and fundamentals of life insurance as a foundation for actual sales work. Strong. Tuesday, 7:15-9:15, room 113.

* Required for the Award of Associate or Fellow by the National Institute of Credit.

† BA 478p and BA 480p cover the entire subject matter required for part one of the examination for Chartered Life Underwriters.

CHEMISTRY

ASSISTANT PROFESSOR: TODD

LOWER-DIVISION COURSE

Ch 101, 102, 103. Elementary General Chemistry. 3 hours each term.

A year sequence for students desiring an introduction to the general field. *Laboratory fee, \$3 each term.* Lecture, Wednesday, 7:15-9:15, room 1, Medical School. Laboratory, Friday, 7:15-9:15, biochemistry laboratory, first floor, Medical School.

DRAMA

See course descriptions under English (Speech and Dramatic Arts).

ECONOMICS

INSTRUCTOR: WINESTONE

LOWER-DIVISION COURSE

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

The principles that underlie production, exchange, and distribution. Practical problems, such as monetary and banking reform, regulation of international trade, the taxation of land values, labor movement, regulation of railways, the control of trusts, are considered. Monday and Thursday, 8:10-9:25, room 108.

EDUCATION

PROFESSOR: SALSER. ASSOCIATE PROFESSOR: BERNARD. INSTRUCTORS: CAMPBELL, DeBERNARDIS, EDWARDS, GUNN, LONG, PERRY

UPPER-DIVISION COURSES

Ed 311. Secondary Education. 3 hours fall term.

An extensive study of the problems of the high school from the standpoint of the teacher, involving a consideration of its aims, functions, and characteristics. Prerequisite: *General Psychology*. Edwards. Monday and Thursday, 6:45-8:00, room 204.

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

An analysis of the Oregon school system and the laws on which the system is based. Attention will be given to the problems of Oregon schools, plans proposed for their solution, the course of study and trends in educational development in the state. Prerequisite: Junior standing. Campbell. Wednesday, 7:15-9:15, room 317.

Ed 350p. Elementary School Curriculum. 2 hours fall term.

Study of present trends in elementary school curriculum development. A brief historical survey is made and the basic principles underlying modern curriculum organization are studied. Current views of the functions and objectives of the elementary school, their implications for curriculum development and educational practices, and problems in scope and sequence are considered. Cooperative experience in curriculum building is included. Perry. Monday, 7:15-9:15, room 205.

Ed 431p. Construction and Use of Visual Aids. (G) 2 hours each term, fall and winter terms.

Survey of the development and use of classroom films, slides and other visual aids. Attention given to (1) the relationship between visual aids and psy-

- chological topics of motivation, concept formation and retention, and (2) sources and evaluation of visual aids. Opportunity will be provided for each member of the class to learn to operate the various types of audio-visual equipment. Class work includes individual projects, lectures, evaluation of audio-visual aids, discussion, and previews. Insofar as possible, the class will allow the students to work on individual problems. Prerequisite: *Principles of Teaching*, or consent of instructor. DeBernardis. Tuesday, 7:15-9:15, room B.
- Ed 459. **Intermediate and Upper-Grade Education.** 2 hours fall term.
Application of general educational and psychological principles to actual problems in intermediate and upper-grade teaching growing out of the student's experience. Emphasis will be given to the content subjects: history, geography, science, health, and others. Long. Tuesday, 7:15-9:15, room 105.
- Ed 464. **The Reading Process.** (G) 2 hours fall term.
The meaning and development of certain factors related to reading, including perception, word blindness, eye movements, rate, comprehension, vocabulary, intelligence, and handedness. Designed to meet two needs: (1) foundation work in remedial teaching; (2) work for students interested in reading as a fundamental skill. Prerequisite: *Educational Psychology*, or two terms of *General Psychology*. Bernard. Wednesday, 7:15-9:15, room 112.
- Ed 465, 466. **Diagnostic and Remedial Techniques.** (G) 2 hours each term, winter and spring terms.
Difficulties in reading, spelling, and arithmetic among atypical children at the primary and elementary-school levels; reading difficulties of high-school students. Techniques of diagnosis; administration and interpretation of mental and achievement tests; remedial procedures suitable for both individual and group instruction. Open to qualified upper-division students. Bernard. Wednesday, 7:15-9:15, room 112.
- Ed 468p. **Hygiene of Learning.** (G) 2 hours each term, fall and winter terms.
Factors and conditions which make for mental development, including those which make for disintegration as well as those which make for integration. A course designed to meet the needs of individuals who wish a better understanding of the basic principles in learning and how-to-study for personal use and for teachers directing the learning process. Open to qualified upper-division students. Bernard. Wednesday, 4:15-6:00, room H, Central library.
- Ed 480p. **Pupil Personnel Work.** (G) 2 hours spring term.
Nature and causes of problems in adolescent development and adjustment; case work in personnel; procedures and techniques in case work; organization of personnel work; the qualifications, training, and duties of personnel officers. Bernard. Wednesday, 4:15-6:00, room H, Central library.
- Ed 493p. **Guidance and Personnel Practices.** (G) 2 hours fall term.
Development and status of personnel work in industry as well as in schools. Means and methods of assisting students and others with their personal and vocational problems including the policies necessary on the part of the school. Prerequisite: *Principles of Teaching*, or consent of instructor. Salser, Monday, 7:15-9:15, room 114.
- Ed 494p. **Counseling.** (G) 2 hours winter term.
This course is planned for prospective counselors, advisers, teachers, personnel workers, and administrators who wish to become better acquainted with organized advisory work and the techniques and devices used to carry it on more effectively. Basic principles are emphasized. Prerequisite: Ed 493p or consent of instructor. Salser. Monday, 7:15-9:15, room 114.

Ed 495p. **Counseling and Case Studies.** (G) 2 hours spring term.

Study and use of tests and other materials for facilitating the work of counseling and advising. Description, analysis, and application of principles to actual case studies in industry and in schools. Prerequisite: Ed 493p or consent of instructor. Salser. Monday, 7:15-9:15, room 114.

GRADUATE COURSES

Ed 501. **Educational Research.** 2 or 3 hours each term.

Bernard or Salser. Time to be arranged with instructor.

Ed 503. **Thesis.** Hours to be arranged.

Ed 505. **Reading and Conference.** 2 or 3 hours each term.

Bernard or Salser. Time to be arranged with instructor.

Ed 511. **Modern Educational Principles and Problems.** 3 hours winter term.

A general survey of recent developments in all fields of education. Emphasis is placed upon an evaluation of current trends in the various fields, and upon opportunities offered for specialization and service. Required of candidates for master's degree in education before the qualifying examination. Open to qualified seniors upon consent of instructor. Gunn. Monday and Thursday, 6:45-8:00, room 204.

ENGLISH

PROFESSORS: PARSONS, POWERS. ASSOCIATE PROFESSOR: COLLIER. INSTRUCTORS: CULVER, MARYE, MATSON, SMITH, TALBOT

Literature

LOWER-DIVISION COURSES

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

Epochs are studied as such, and authors are grouped and regarded as to their distinction, their importance in their periods, and their influence upon later literary forms and thought trends. The course is in sequence but may be elected for separate terms. Required of all English majors and all who are doing a norm in English.

Fall term: From Beowulf to Milton.

Winter term: From Milton to Byron.

Spring term: From Byron to the present.

Parsons. Monday and Thursday, 6:45-8:00, room 202.

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

Plays by Shakespeare will be read and studied in the light of the renaissance in England and the author's distinction as dramatist and poet. Source material, varying texts of early editions and reliable critical bibliography will be considered. Students will view creatively situations and roles of the plays from the positions both of audience and of actors. Designed to meet the needs of English majors and those who wish to fulfill a norm in English. Parsons. Monday and Thursday, 8:10-9:25, room 202.

UPPER-DIVISION COURSES

Eng 361p, 362p, 363p. **Twentieth-Century Literature.** 2 hours each term.

Representative British and American literature from 1900 to the present. This course is not considered a period course. Covers biography and other non-fiction literature as well as fiction and drama. Parsons. Friday, 7:00-8:50, room F, Central library.

- Eng 407. **Seminar in Special Authors (Shakespeare).** 2 hours each term.
See description Eng 507. Parsons. Saturday, 9:15-11:15 a.m., room F, Central library.
- Eng 481p, 482p, 483p. **Nineteenth-Century Prose.** (G) 2 hours each term.
Main currents of thought as reflected in Carlyle, Mill, Bentham, Darwin, Spencer, Newman, Ruskin, Huxley, Arnold, and Pater. Parsons. Tuesday, 7:15-9:15, room 202.

GRADUATE COURSES

- Eng 503. **Thesis.** Hours to be arranged.
Parsons. Time to be arranged with instructor.
- Eng 507. **Seminar in Special Authors (Shakespeare).** 2 or 3 hours each term.
Fall term: The history plays: *Richard II*, *Richard III*, *Henry IV*, and *Henry V*.
Winter term: *Hamlet*, *Othello*, *King Lear*, and *Macbeth*.
Spring term: *Merchant of Venice*, and the problem comedies: *Measure for Measure*, *All's Well that Ends Well*, and *Troilus and Cressida*.
Parsons. Saturday, 9:15-11:15 a.m., room F, Central library.

RHETORIC

LOWER-DIVISION COURSES

- Rht 111, 112, 113. **English Composition.** 3 hours each term.
A year-course in English composition and rhetoric, with frequent themes in the various forms of discourse; exposition, argument, description and narration. Special attention to correctness in fundamentals, to the organization of papers, and to the essentials of good writing. This course fulfills the Written English requirement. Section 1, Culver, Monday and Thursday, 8:10-9:25; room 115; Section 2, Collier, Wednesday and Friday, 1:15-2:30, room H, Central library.
- Rht 111p, 112p, 113p. **English Composition.** 2 hours each term.
The fundamentals of English composition and rhetoric; frequent written themes in the various forms of discourse. Special attention to correctness in fundamentals and to the organization of papers. To fulfill the Written English requirement, two terms of either *Vocabulary Building*, or *Good Usage in Speech and Writing*, must be taken in addition to this course. Collier. Monday, 7:15-9:15, room 103.
- Rht 114p, 115p, 116p. **Vocabulary Building.** 2 hours each term.
Designed to expand and sharpen vocabularies and otherwise to improve the use of English. A study of words: new words, foreign words, and word families, the right word; diction, pronunciation, and modern trends in vocabularies, combined with effective programs for acquiring and using the forms and mechanics of writing. Practice in writing. Collier. Tuesday, 7:15-9:15, room 103.
- Rht 117p, 118p, 119p. **Good Usage in Speech and Writing.** 2 hours each term.
A practical course in everyday English, which treats of essential matters of grammar, diction, and mechanics, and develops the principles of sentence structure. It places continuous emphasis on correctness, definiteness, and other prime qualities of speech and writing. Exercises in writing will be adjusted to the vocational needs of the students. Culver. Wednesday, 7:15-9:15, room 115.

Rht 217p. **Business English.** 2 hours each term, winter and spring terms.

Study of modern practices in business correspondence. The course will cover the principles and technique of writing the common types of business letters, with analysis of examples of such correspondence. English presented as an essential tool in business. Collier. Wednesday, 7:15-9:15, room 103.

Rht 220p, 221p, 222p. **Creative Writing.** 2 hours each term.

A course in which emphasis is placed on the effective presentation of creative ideas. Practice in writing various literary forms afforded. Discrimination developed through conference and class discussion. Literary technique and the psychology of readers' attention given practical consideration in the light of present-day acceptability in the several fields. Parsons. Wednesday, 7:15-9:15, room 202.

UPPER-DIVISION COURSES

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

A professional course in writing the short story to satisfy contemporary reading interests and publishing necessities. The short story as a literary form; mastery of narration as a cultural and practical skill. Constant attention to style and subject matter. Sustained practice in plot, characterization, dialogue, mood, and other essentials of the short story, and in the total story. Constructive criticism, conferences, marketing assistance, special lectures by established authors, mutual stimulus of a group of creative writers. *Course fee, \$2 each term (in addition to registration fee).* Powers. Thursday, 7:15-9:15, room 111.

Rht 354p, 355p, 356p. **Advanced Creative Writing.** 2 hours each term.

Writing in the various forms to provide increased ease, certainty, and force in written expression or in preparation for courses in professional writing. A continuation, with emphasis on effectiveness and craftsmanship, for those who have taken lower-division courses in rhetoric, including *Creative Writing*. Powers. Tuesday, 7:15-9:15, room 111.

SPEECH AND DRAMATIC ARTS

LOWER-DIVISION COURSES

SD 02. **Radio Acting.** No credit, three terms.

See description under Non-Credit Courses.

SD 133p. **Fundamentals of Public Speaking.** 2 hours fall term.

The study and practice of fundamentals: action, voice, diction, selection of subjects, outlining, organization. The aim of the course is to lay the foundations for a direct, forceful way of speaking; to help the student to think and speak freely and well before an audience. Collier. Wednesday, 7:15-9:15, room 103.

SD 141p, 142p, 143p. **Voice and Diction.** 2 hours each term.

The principles and practice of voice development, correct breathing, tone quality, resonance, flexibility, and support. A study and practice of phonetic principles and the development of ease and clarity in enunciation. Matson. Wednesday, 7:15-9:15, room 203.

UPPER-DIVISION COURSES

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

A practical course with emphasis on actual speaking. Poise on the floor; improvement of diction and voice; organization of speech material and pre-

sentation in direct conversational style. Persuasion in speaking. Sales talks. Adjustment to groups and audiences. Study of motives that impel men to action, and ways of reaching these motives. Methods of securing favorable attention. Collier. Thursday, 7:15-9:15, room 103.

SD 333p, Conduct of Group Discussion. 2 hours spring term.

Continuation of SD 325p, 326p. A course in conducting various types of group discussions. The board meeting, the business conference, the round table, reports, the open forum, and the panel discussion will be taken as types for classroom projects in which all members of the class will participate. Methods for the chairman will be emphasized. The class will analyze and discuss current and practical questions. Collier. Thursday, 7:15-9:15, room 103.

SD 337, 338, 339. Radio Program Production. 2 hours each term.

Study of the practical aspects of radio program production. An applied course for radio freelance writers, with practice in developing marketable continuities for advertising agencies, networks, single stations, and syndicates. Basic types of script writing: preparation of news, promotion and advertising, adaptations, and original factual and imaginative material for broadcasting. Cooperation of the production and writing staffs of Oregon radio stations, with laboratory opportunities.

Fall term: Techniques and problems of news reporting, interviews, round tables, and other forms of radio journalism.

Winter term: Organization and civic programs, commercial and industrial reports and reviews, advertising.

Spring term: Dialogue, sound effects, adaptations, radio drama.

Some suitable plays will be produced by the *Radio Acting* class, and other usable scripts will be given over Oregon stations. Open to qualified students by arrangement with the instructor. *Course fee, \$2 each term (in addition to registration fee).* Powers. Wednesday, 7:15-9:15, room 111.

SD 341, 342, 343. Technique of Acting. 3 hours each term.

Introduction to the principles of acting technique. Advanced problems in the analysis and presentation of character. Participation in one-act and full-length plays. Prerequisite: consent of instructor. Smith. Tuesday and Thursday, 7:30-10:00, *Civic Theatre Workshop.

SD 347p, 348p, 349p. Blue Room Players. 2 hours each term.

A producing group of advanced players, whose work consists of actual theatre practice in rehearsal and performance in both the Blue Room and Portland Civic theatres. The technique of the intimate and conventional theatre. Principles of direction with the direct application to acting problems. Prerequisite: SD 341p, 342p, 343p, or equivalent experience, and consent of director. Smith and Marye. Wednesday, 7:30-10:00, *Civic Theatre Workshop.

NON-CREDIT COURSES

Note: The following courses do not carry university or college credit.

SD 02. Radio Acting. Three terms.

Instruction in radio technique with practical demonstrations; experience with scripts of all types. Characterization and diction. Transcriptions will be made of scripts prepared by the class in *Radio Program Production*. Talbot. Monday, 7:30-9:30, *Civic Theatre Workshop.

Eng 02. How to Read and How to Study. Any term, if sufficient demand.

Intended to improve adult ability in reading books for knowledge and understanding. Treats of approach to books, analysis and interpretation of their contents, and summarizing of their information and thought. Principles studied will be exemplified by actual reading and brief consideration of methods of study. Culver. Tuesday, 7:15-9:15, room 115.

ENTOMOLOGY

ASSOCIATE PROFESSOR: SCULLEN

LOWER-DIVISION COURSE

Ent 235p. The Habits and Management of Honey Bees. 2 hours spring term.

An elementary discussion of the life history of the honey bee; fundamental principles in their care as a hobby and for honey production; their utilization in biology classes and nature-study groups, Boy Scouts, Girl Scouts, Camp-fire Girls, and others. The course will include a discussion of the habits of other social insects. Thursday, 7:15-9:15, room 205.

GENERAL STUDIES

RESIDENT ADVISER: DR. V. V. CALDWELL; UNIVERSITY COMMITTEE: DR. E. H. MOORE, CHAIRMAN; COLLEGE COMMITTEE: DR. W. H. DRÆSEN, 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

PROFESSOR: HODGE. ASSISTANT PROFESSOR: MERRIAM. INSTRUCTOR: APPLETON

UPPER-DIVISION COURSES

Geo 399p. Military Topography: Mapping and Map Reading. 2 hours fall term.

Map reading and interpretation; the theory of field operations in the making of topographical maps; special map problems of importance in military operations and aviation; theory and use of aerial surveys and aerial photography. Students make maps by various methods, including use of the plane table. Lecture and demonstration each week. Hodge. Thursday, 7:15-9:15, room 114.

Geo 428p. Geography of the Pacific. (G) 2 hours fall term.

Intensive study of the Pacific region; physical geography and natural resources; some attention to the outstanding social, economic, and political questions as they are influenced by the physical background of the more important countries bordering this ocean. Prerequisite: *Introductory Geography* or *General Geology*, or consent of instructor. Merriam. Wednesday, 7:15-9:15, room 105.

Geo 430p. Geography of South America. (G) 2 hours winter term.

Survey of the essential facts concerning the physical, economic, and human geography of the continent; the outstanding economic, social, and political trends in South America, as influenced by these facts. Prerequisite: *Introductory Geography* or *General Geology*, or consent of instructor. Merriam. Wednesday, 7:15-9:15, room 105.

Geo 418p, 419p, 420p. **Oregon in Evolution.** (G) 2 hours each term.

An intensive study designed for educators and the general public interested in a broad integrated understanding of the bases upon which the state operates and of the stages by which the present cultural pattern was achieved. Will involve (1) its physical characteristics, (2) the resources upon which economic development is based, (3) the major physical, economic, and social problems confronting the area, (4) present-day economic trends, (5) the relationships of Oregon to the Northwest and to the country as a whole, and (6) desirable readjustments essential to the continued well-being of the region. Prerequisite: *Introductory Geography or General Geology*, or consent of instructor. Appleton. Tuesday, 7:15-9:15, room 205.

GEOLOGY

PROFESSOR: HODGE

LOWER-DIVISION COURSE

G 201p, 202p. **Geology.** 2 hours each term, winter and spring terms.

An introductory course dealing with the processes at work changing the face of the earth: the internal structure, composition, and activities of the earth; the economic geologic deposits; a survey of the main events in the history of the earth; and a study of prehistoric life, including geological backgrounds of man and current events. Thursday, 7:15-9:15, room 114.

HISTORY

PROFESSORS: JONASSON, LOVELL

UPPER-DIVISION COURSES

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

Fall term: The conflict between liberalism and conservatism in Europe, the industrial revolution and the rise of romanticism and nationalism from the downfall of Napoleon through the revolutions of 1848.

Winter term: The formation of the new nation states, the rise of democracy and the evolution of realism from 1848 to 1878.

Spring term: The quest for social justice, the new imperialism and the backgrounds of the World War. Particular emphasis will be placed upon the diplomacy of the period 1878 to 1914. Lovell. Monday, 7:15-9:15, room 113.

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

Fall term: 1783-1829. A course covering the period of the establishment of American nationality. The background, drafting and adoption of the Constitution; the launching of the new federal government; the origin and early history of political parties; the struggle for neutral rights during the Napoleonic Wars; the War of 1812; territorial expansion; the westward movement, and the growth of democracy.

Winter term: 1829-1865. A survey of the period extending from the presidency of Andrew Jackson to the close of the Civil War. Jacksonian democracy, manifest destiny, territorial expansion, panics, and the growth and culmination of the sectional controversy between the North and the South are among the main topics surveyed in this course.

Spring term: 1865-1898. A survey of such subjects as the tragic era of reconstruction in the South, the revolution in agriculture, the exploitation of our natural resources, industrial expansion, labor problems, the rise of big business,

the growth of economic and political discontent, and the emergence of the United States as a world power.

Jonasson. Thursday, 7:15-9:15, room 112.

Hst 377. Oregon History. 2 hours spring term.

A general survey of the discovery and exploration of the Oregon Country, the development of the Northwest fur trade, the coming of the immigrants, and the final establishment of organized government. A review of Oregon's transportation history, ocean and river commerce, and the development of industry and agriculture. Jonasson. Monday, 7:15-9:15, room 112.

GRADUATE COURSES

Hst 501. History Research. 2 or 3 hours each term.

Jonasson or Lovell. Time to be arranged with instructor.

Hst 505. Reading and Conference. 2 or 3 hours each term.

Jonasson or Lovell. Time to be arranged with instructor.

HOME ECONOMICS

ASSISTANT PROFESSOR: JONASSON

LOWER-DIVISION COURSE

HAd 222. Family Relationships. 2 hours spring term.

Designed to help individuals understand problems of courtship and marriage, including mate choice, engagement, and the relationships between husband and wife, parent and child, and between children. Discussion will also include the family's contribution to personality development, the role of the family in a democratic society and factors that make for success in family life. Wednesday, 7:15-9:15, room 114.

UPPER-DIVISION COURSE

HAd 340p. Household Management. 2 hours each term, fall and winter terms.

Problems that arise in the management of the home, with emphasis on management of money, time, and energy in relation to family living. Wednesday, 7:15-9:15, room 114.

JOURNALISM

PROFESSOR: POWERS

UPPER-DIVISION COURSE

J 421, 422, 423. Articles and Features. 2 hours each term.

Writing of articles of the magazine and Sunday-edition type. Literary markets, including general magazines, newspapers, syndicates, and class and trade press. The use of photographs, drawings, diagrams, maps, and modern graphic representation in connection with articles. Magazine analysis. Students are normally expected to sell some of their classroom products for actual publication. Monday, 7:15-9:15, room 111.

SD 337, 338, 339. Radio Program Production. 2 hours each term.

See description under English.

MATHEMATICS

PROFESSOR: PRICE. INSTRUCTOR: LIEN

LOWER-DIVISION COURSES

***Mth 10. Elements of Algebra.** 4 hours fall term.

For students entering with less than one year of high-school algebra. Open to others only on consent of instructor. May not be taken for credit after completion of other courses in college mathematics. Price. Tuesday and Thursday, 7:15-9:15, room 104.

***Mth 100. Intermediate Algebra.** 4 hours fall term.

Prerequisite: one year of high-school algebra. Price. Tuesday and Thursday, 7:15-9:15, room 104.

Mth 105. College Algebra. 4 hours winter term.

Prerequisite: one and one-half years of high-school algebra or *Intermediate Algebra*. Price. Tuesday and Thursday, 7:15-9:15, room 104.

†Mth 106. Plane Trigonometry. 4 hours spring term.

Prerequisite: *College Algebra*, or first term of *Elementary Analysis*. Price. Tuesday and Thursday, 7:15-9:15, room 104.

†Mth 205. Calculus. 4 hours spring term.

A brief course in calculus. Price. Tuesday and Thursday, 7:15-9:15, room 104.

Mth 230. Spherical Trigonometry. 2 hours fall term.

Solution of right and oblique spherical triangles and applications. Prerequisite: *Plane Trigonometry* and consent of instructor. Lien. Wednesday, 7:15-9:15, room 104.

MUSIC

PROFESSOR: KRATT. INSTRUCTORS: CAMPBELL, DUNCAN

LOWER-DIVISION COURSES

Mus 111p, 112p-a. Theory I. 2 hours each term.

Designed to give a 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. Demonstration of the interrelation of harmony and counterpoint in the writing of melodies and counter melodies. Special emphasis on ear training and dictation. Four-part harmony in writing and analysis. Simple contrapuntal analysis combined with simple two-part writings in counterpoint. Campbell. Tuesday, 7:15-9:15, room 110.

Mus 112p-b, 113p. Theory I (continued). 2 hours each term.

Continuation of the subjects introduced in Mus 111p, 112p-a. Foreign tones (passing tones, auxiliary tones, suspensions, anticipations, appoggiaturas); foreign chords (the attendant or interpolated dominant seventh and diminished seventh). Prerequisite: Mus 111p, 112p-a, or consent of instructor. Campbell. Wednesday, 7:15-9:15, room 110.

* Either Mth 10 or Mth 100 will be given but not both.

† Either Mth 106 or Mth 205 will be given, but not both.

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

A non-technical study of the development of music, stressing the elements of musical understanding; study of representative compositions, with emphasis on their musical and historical significance. Kratt. Monday, 7:15-9:15, room 110.

UPPER-DIVISION COURSE

Mus 323, 324, 325. Choral Conducting. 2 hours each term.

The principles of conducting and training choral organizations. Practical experience in conducting, using the class as a laboratory chorus. Emphasis on conducting technique and problems of choral groups, including selection of materials, voice classification, balance of parts, choral blend, tone quality, and interpretation. Duncan. Thursday, 7:15-9:15, room 110.

NURSING EDUCATION

ASSOCIATE PROFESSOR: DOLTZ

UPPER-DIVISION COURSES

Nur 433, 434. Teaching Nursing Arts. 5 hours each term, winter and spring terms.

Philosophy of education and methods of teaching applicable to professional teaching of nursing. The student is given opportunities to plan and teach courses in elementary nursing arts under expert supervision, and to study problems of the classroom and the floor. Lectures 33 hours; field work 231 hours. Time to be arranged.

Nur 327. Human Nutrition. 2 hours each term.

See description under Nutrition.

Nur 445p. Mental Hygiene. 2 hours each term, fall and winter terms.

See description under Sociology.

NUTRITION

ASSOCIATE PROFESSOR: MANVILLE

UPPER-DIVISION COURSE

Nur 327. Human Nutrition. 2 hours each term.

The subject material is selected in such a manner as to give the student an understanding of the foundation upon which all nutrition rests and the principles involved in maintaining it. The sequence of term assignments is so arranged that subject material falls into a logical sequence yet students may enter any term for that term's work or continue all three terms for the entire course.

Fall term: Diet formulation. The human body is regarded as an engine with precise methods for determining its energy output and requirements. The theory and method for determining the fuel (food) requirements of the human engine are set forth as a means for measuring the body's energy requirements at rest and at work. Actual determinations of the metabolic rate are made along with drill work in the use of prediction tables. A dietary order form is presented and discussed.

Winter term: Balanced diets. A study is made of the various "balances" that should exist in a 24-hour food intake. A dietary diary is kept and the results are assayed or "scored" as a measure of its adequacy. The essential nature

of certain amino acids (protein building stones) and of fatty acids as well as the vitamins and minerals, are studied. The various uses to which the body puts water and a re-appraisal of fiber or bulk in foods is presented.

Spring term: Food values and food customs. The methods employed in determining food values are reviewed. Alterations in food values brought about by modern methods of food processing are discussed. The dietary uses of proteins, fats and carbohydrates are studied, using type disorders such as nephritis, obesity and diabetes as points of discussion. Emphasis is placed upon the relationship of nutrition to public health and national defense. Many points are summed up in the discussion on nutritional hygiene.

Thursday, 7:15-9:15, room 113.

PHILOSOPHY

PROFESSOR: REBEC

UPPER-DIVISION COURSE

Ph 354p. **The Philosophies at War in the War.** 2 hours fall term.

An attempt to trace, in their historical and intellectual derivations, remote and near, and to evaluate, the deeply divergent life-philosophies confronting each other in the present world-struggle. Tuesday, 7:15-9:15, room 108.

PHOTOGRAPHY

Ph 361p. **Photography.** 2 hours spring term.

See description under Physics.

PHYSICAL EDUCATION

PROFESSOR: DAVID. ASSISTANT PROFESSOR: ALDERMAN. INSTRUCTORS: LENSCH, LOGAN, MARCO, PELLEY, SMITH

UPPER-DIVISION COURSES

PE 331p, 332p. **Physical-Education Laboratory (Rhythmics).** 2 hours each term, fall and winter terms.

Rhythms for teachers. Materials and methods for teaching social and other dance forms at the secondary level, stressing correlation of these forms of dance through common rhythmic elements. Lensch. Monday, 7:15-9:15, Gymnasium.

PE 358p. **Safety Education.** 2 hours fall term.

The basic principles of safety education; current safety programs, methods, source materials, visual aids; how to make use of local, state, and national safety organizations. Individual and group projects in the organization of materials for the teaching of safety education in the public schools. Pelley. Tuesday, 7:15-9:15, room 116.

PE 361p, 362p. **School Health Education.** 2 hours each term, fall and winter terms.

Fall term: School health programs. History of responsibility for, purposes and procedures in the development of school health programs: practical plans for the development of individual school health programs.

Winter term: Methods and materials in health education. The nature, scope and organization of methods and materials used in the health instruction program leading to unit construction in the third term.

Logan. Wednesday, 7:15-9:15, room 113.

PE 363. First Aid. 3 hours fall term.

Care and treatment of injuries. A study from both the practical and academic aspects dealing with accidental injuries, principles of massage, bandaging, treatment of sprains, bruises, strains and wounds, diet, training rules, daily work program, and preliminary conditioning of athletes. American Red Cross first-aid certificates, both standard and advanced, will be awarded. David. Monday and Thursday, 6:45-8:00, room 315.

PE 370. Red Cross Home Nursing. 2 hours fall term.

This course will follow the outline and meet all requirements for the standard Red Cross Home Nursing course. To receive credit the student must pass examination for Red Cross Home Nursing certificate. Marco. Tuesday, 7:15-9:15, room D.

PE 460. Instructor's First Aid. 3 hours winter term.

Lectures, demonstrations, and practice of American Red Cross first aid, leading to the instructor's first-aid certificate. Smith. Thursday, 6:45-9:15, room 315.

PE 464p. Health Instruction. 2 hours spring term.

Individual health programs and units of instruction. The application of methods and materials reviewed in PE 362p will be made to individual school programs and unit construction. This will be planned to give each student an opportunity to construct a program of health instruction suitable to his own teaching situation. Logan. Wednesday, 7:15-9:15, room 113.

GRADUATE COURSE

PE 507. Seminar. 2 hours each term, fall and winter terms.

Physical fitness through activities and sports. Alderman. Tuesday, 7:15-9:15, room 204.

PHYSICS

INSTRUCTORS: DEBERNARDIS, HELLER, REID

LOWER-DIVISION COURSE

Ph 201p, 202p, 203p. General Physics. 3 hours each term.

Mechanics, sound, heat, light, electricity and magnetism. *Laboratory fee, \$3 each term.* Reid, lecture, Monday, 7:15-9:15. Heller, laboratory, Wednesday, 7:15-9:15, rooms B and C.

UPPER-DIVISION COURSE

Ph 361p. Photography. 2 hours spring term.

This course deals with the practical aspects of photography with special emphasis on negative making, developing, printing, enlarging, indoor lighting and color photography. Particular attention will be given to making photographic slides for classroom instruction. Class work will include lectures, demonstrations, taking of pictures, making of slides, and field trips. DeBernardis. Tuesday, 7:15-9:15, room B.

PHYSIOLOGY

PROFESSORS: HANEY, YOUMANS

UPPER-DIVISION COURSE

Z 306p, 307p, 308p. Human Physiology. 2 hours each term.

The course will include as its objective a knowledge of the function in health of the various organs and systems of the body and a consideration of the

aspects of personal hygiene which may contribute to health. In order to achieve this objective, sufficient anatomy and biochemistry will be included to enable the student without previous knowledge of the subject to gain a concept of normal body function. Demonstrations will be given when practical. For students in biology, home economics, nursing education, physical education, and others who desire a course in the functions of the various systems of the human body. Prerequisite: *General Zoology*, or consent of instructor.

Fall term: Foods, digestion, absorption, metabolism, excretion including kidney and skin, nutrition, glands of internal secretion.

Winter term: Blood, heart circulation, respiration.

Spring term: Muscle, nerve, physiology of exercise, central nervous system, vision, hearing, postural mechanisms.

Wednesday, 7:15-9:15, room 204.

POLITICAL SCIENCE

PROFESSOR: JONES

LOWER-DIVISION COURSE

PS 201p, 202p. **American Governments.** 2 hours each term.

National and state governments, with special attention to practical operation and contemporary reforms. Tuesday, 7:15-9:15, room 203.

GRADUATE COURSE

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

PSYCHIATRY

Nur 445p. **Mental Hygiene.** 2 hours each term, fall and winter terms.

See description under Sociology.

PSYCHOLOGY

INSTRUCTOR: PORTER

LOWER-DIVISION COURSE

Psy 201, 202, 203. **General Psychology.** 3 hours each term.

An analysis of human behavior from the natural science point of view with special reference to the common individual and social adjustment problems of normal people. The fundamental aim of the course is to assist students in acquiring a general understanding of human nature in the light of experimental studies. Monday and Thursday, Section 1, 6:45-8:00; Section 2, 8:10-9:25, room 203.

UPPER-DIVISION COURSES

Psy 462. **Industrial Psychology.** (G) 2 hours winter term.

The rise and scope of industrial psychology; principles underlying job analysis and vocational selection; research studies of accidents, fatigue, and monotony; industrial motivation from the psychological point of view. Prerequisite: *General Psychology*, or consent of instructor. Wednesday, 7:15-9:15, room 108.

Psy 463. **Personnel Procedures.** (G) 2 hours spring term.

Use of tests and ratings in the selection of employees; job classification and methods of evaluating service; actual practice in the selection of appropriate tests for various purposes. Prerequisite: *General Psychology*, or consent of instructor. Wednesday, 7:15-9:15, room 108.

PUBLIC SPEAKING

See course descriptions under English (Speech and Dramatic Arts).

ROMANCE LANGUAGES

PROFESSOR: YOUNG. INSTRUCTORS: BURNS, HERMAN

French

UPPER-DIVISION COURSES

RL 311p, 312p, 313p. **French Literature.** 2 hours each term.

Reading of masterpieces of various periods. A general review of French literature. Herman. Monday, 7:15-9:15, room 116.

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

Presupposes knowledge of French grammar. Conducted as far as possible in French. The difficulty of the conversation will increase as the course progresses. The composition is intended to release the student from the somewhat formal sentences found in grammars and to introduce idiomatic and lively French. Herman. Wednesday, 7:15-9:15, room 116.

Spanish

LOWER-DIVISION COURSES

RL 11, 12, 13. **First-Year Spanish.** 4 hours each term.

Translation of common prose, conversation, composition, and grammar. Burns. Monday and Thursday, 7:15-9:15, room 309.

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

The rudiments of the Spanish language. Pronunciation and the fundamental rules of syntax will be taught by means of oral drill and written exercises. The reading of a simple text will furnish the basis of conversation. Young. Friday, 7:00-8:50, room B, Central library.

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

A rapid review of grammar, advanced work in syntax, writing of short essays, and reading of typical works by modern authors. Conversational exercises will be based upon easy Spanish narrative prose. The work will be conducted as far as possible in Spanish. Burns. Tuesday, 7:15-9:15, room 114.

UPPER-DIVISION COURSE

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

Presupposes knowledge of Spanish grammar. Conducted as far as possible in Spanish. The difficulty of the conversation will increase as the course progresses. Young. Wednesday, 7:15-9:15, room 205.

SOCIOLOGY

PROFESSOR: GLOYN. INSTRUCTORS: DUNBAR, HAUGEN

LOWER-DIVISION COURSE

Soc 204p, 205p. **General Sociology.** 2 hours each term.

Fall term: General sociology. Analysis of social organization and culture; social changes and movements as affected by culture and by biological and physical environmental factors. Analysis of the development of social personality.

Winter term: Social interaction. The nature of the contacts and reciprocal give and take processes among the various groups and types of human beings;

interactions of the racial, national, occupational, religious, and educational groupings, with references to social factors contributing to conflicts and co-operation, and the consequent results upon the interacting persons and groups.

Spring term: Social problems. Analysis of a number of strictly contemporary social problems, with the aid of current literature in periodicals, pamphlets, and reports. The selection of the problems for analysis will be made by the class.

Gloyn. Tuesday, 7:15-9:15, room 309.

UPPER-DIVISION COURSES

Soc 431p. **Community Organization.** 2 hours winter term.

Fundamentals of community organization; social factors affecting urban and rural communities; methods of analyzing community needs; the problem of interrelating the work of public and private agencies and methods of mobilizing community resources to meet these needs; social agencies in relation to the local community; theories of community organization; the urban and rural communities and their types of organization; social disorganization and change. Dunbar. Monday, 7:15-9:15, room 112.

Nur 445p. **Mental Hygiene.** 2 hours each term, fall and winter terms.

Study of the development of an individual's attitudes toward himself and the world about him. Consideration of the resulting reactions, as to whether they work well, not so well, or not at all. A resumé of important factors in the prevention of unsuitable reactions. Haugen. Monday, 7:00-9:00, room 107.

ZOOLOGY

ASSOCIATE PROFESSOR: LARSELL. INSTRUCTOR: FOULK

LOWER-DIVISION COURSE

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

An introductory course dealing with the principles of animal biology.

Fall term: The fundamental concepts of structure and function of the animal body in terms of metabolism, growth, reproduction, and response to stimuli. Protoplasm, the cell as the basis of animal organization, and comparison of the organ systems in some of the lower animals from the functional point of view, are the chief topics considered. In the laboratory the amoeba and other protozoa are studied, followed by the hydra and various coelenterates. The flat worm and the earthworm are studied with especial reference to specialization of body parts. *Laboratory fee, \$3.*

Winter term: Continuation of the work of the first term, in which the higher types of invertebrates are considered and the vertebrates are studied. Germ cells, embryology, and tissues are considered. In the laboratory the salamander and several higher invertebrates are dissected, and especial emphasis is placed on vertebrate structure. The early stages of development of the frog are studied. *Laboratory fee, \$3.*

Spring term: The topics of heredity, eugenics, the principles of Mendelism, and the chief theories of organic evolution, together with the main lines of evidence for the latter are presented. In the laboratory the later stages of development of the frog and the most instructive stages in the development of the chick are studied. *Laboratory fee, \$3.*

Larsell, lecture, Tuesday, 7:15-9:15, room 317. Foulk, laboratory, Thursday, 7:15-9:15, room 316.

UPPER-DIVISION COURSE

Z 306p, 307p, 308p. **Human Physiology.** 2 hours each term.

See description under Physiology.

Schedule of Classes

LINCOLN HIGH SCHOOL

1620 Southwest Park Avenue

MONDAY, 7:15-9:15 P.M.

<i>Course</i>	<i>Instructor</i>	<i>Room</i>
ARCHITECTURE AND ALLIED ARTS		
AA 414, 5p. Art Education	Wuest	301
BACTERIOLOGY		
Bac 348, 9p. Bacteriology and Communicable Diseases.....	Sears	317
BUSINESS ADMINISTRATION		
BA 111,2,3. Constructive Accounting	Janney	106
BA 111, 2p-a. Constructive Accounting I.....	Rubey	104
BA 483,4,5. Accounting Theory and Practice.....	Van	105
EDUCATION		
Ed 350p. Elementary School Curriculum (fall)	Perry	205
Ed 493p. Guidance and Personnel Practices (G) (fall).....	Salsler	114
Ed 494p. Counseling (G) (winter)	Salsler	114
Ed 495p. Counseling and Case Studies (G) (spring).....	Salsler	114
ENGLISH		
Rht 111,2,3. English Composition	Collier	103
HISTORY		
Hst 341,2p. Modern Europe	Lovell	113
Hst 377. Oregon History (spring)	Jonasson	112
JOURNALISM		
J 421,2,3. Articles and Features	Powers	111
MUSIC		
Mus 127,8,9. Appreciation of Music	Kratt	110
PHYSICAL EDUCATION		
PE 331,2p. Physical-Education Laboratory (Rhythmics) (fall and winter)	Lench	Gym
PHYSICS		
Ph 201,2,3p. General Physics (lecture)	Reid	B & C
ROMANCE LANGUAGES		
RL 11,2,3. First-Year Spanish	Burns	309
RL 311,2,3p. French Literature	Herman	116
SOCIOLOGY		
Soc 431p. Community Organization (winter)	Dunbar	112
Nur 445p. Mental Hygiene (fall and winter)	Haugen	107

MONDAY, 6:45-8:00 P.M.

EDUCATION		
Ed 311. Secondary Education (fall)	Edwards	204
Ed 511. Modern Educational Principles and Problems (winter)	Gunn	204
ENGLISH		
Eng 101,2,3. Survey of English Literature	Parsons	202
PHYSICAL EDUCATION		
PE 363. First Aid (fall)	David	315
PSYCHOLOGY		
Psy 201,2,3. General Psychology	Porter	203

MONDAY, 8:10-9:25 P.M.

ECONOMICS		
Ec201,2,3. Principles of Economics	Winestone	108
ENGLISH		
Eng 201,2,3. Shakespeare	Parsons	202
Rht 111,2,3. English Composition	Culver	115
PSYCHOLOGY		
Psy 201,2,3. General Psychology	Porter	203

TUESDAY, 7:15-9:15 P.M.

ARCHITECTURE AND ALLIED ARTS		
AA 151,2,3. Mechanical Drawing	Montgomery	316
BUSINESS ADMINISTRATION		
BA 414p. Personnel Management (fall and winter).....	Rodgers	107
BA 437p. Credit Management (fall and winter)	Snider	112
BA 478p. Problems of Life Insurance (fall)	Strong	113
BA 480p. Life Insurance (winter and spring)	Strong	113
BA 494,5p. Auditing	Janney	106

<i>Course</i>	<i>Instructor</i>	<i>Room</i>
EDUCATION		
Ed 431p. Construction and Use of Visual Aids (G) (fall and winter)	DeBernardis	B
Ed 459. Intermediate and Upper-Grade Education (fall).....	Long	105
ENGLISH		
Eng 02. How to Read and How to Study.....	Culver	115
Eng 481,2,3p. Nineteenth-Century Prose	Parsons	202
Rht 114,5,6p. Vocabulary Building	Collier	103
Rht 354,5,6p. Advanced Creative Writing	Powers	111
GEOGRAPHY		
Geo 418,19,20p. Oregon in Evolution (G).....	Appleton	205
MATHEMATICS		
*Mth 10. Elements of Algebra (fall).....	Price	104
*Mth 100. Intermediate Algebra (fall)	Price	104
Mth 105. College Algebra (winter)	Price	104
†Mth 106. Plane Trigonometry (spring)	Price	104
†Mth 205. Calculus (spring)	Price	104
MUSIC		
Mus 111,2p-a. Theory I	Campbell	110
PHILOSOPHY		
Phl 354p. The Philosophies at War in the War (fall).....	Rebec	108
PHYSICAL EDUCATION		
PE 358p. Safety Education (fall)	Pelley	116
PE 370. Red Cross Home Nursing (fall).....	Marco	D
PE 507. Seminar (fall and winter)	Alderman	204
PHYSICS		
Ph 361p. Photography (spring)	DeBernardis	B
POLITICAL SCIENCE		
PS 201,2p. American Governments	Jones	203
ROMANCE LANGUAGES		
RL 12b,13. Second Course in Spanish	Burns	114
SOCIOLOGY		
Soc 204,5. General Sociology	Gloyn	309
ZOOLOGY		
Z 201,2,3. General Zoology (lecture).....	Larsell	317
WEDNESDAY, 7:15-9:15 P.M.		
BUSINESS ADMINISTRATION		
BA 425p. Real-Estate Fundamentals (fall)	Gage	107
BA 427p. Real-Estate Appraising (winter)	Jones	107
BA 490,1,2p. Advanced Accounting Theory and Practice.....	Janney	106
EDUCATION		
Ed 316. Oregon School Law and System of Education (winter)	Campbell	317
Ed 464. The Reading Process (G) (fall)	Bernard	112
Ed 465,6. Diagnostic and Remedial Techniques (G) (winter and spring)	Bernard	112
ENGLISH		
Rht 117,8,9p. Good Usage in Speech and Writing.....	Culver	115
Rht 217p. Business English (winter and spring).....	Collier	103
Rht 220,1,2p. Creative Writing	Parsons	202
SD 133p. Fundamentals of Public Speaking (fall).....	Collier	103
SD 141,2,3p. Voice and Diction	Matson	203
SD 337,8,9. Radio Program Production.....	Powers	111
GEOGRAPHY		
Geo 428p. Geography of the Pacific Rim (G) (fall).....	Merriam	105
Geo 430p. Geography of South America (G) (winter).....	Merriam	105
HOME ECONOMICS		
HAd 222. Family Relationships (spring)	Jonasson	114
HAd 340p. Household Management (fall and winter).....	Jonasson	114
MATHEMATICS		
Mth 230. Spherical Trigonometry (fall).....	Lien	104
MUSIC		
Mus 112p-b, 113p. Theory I (continued)	Campbell	110
PHYSICAL EDUCATION		
PE 361,2p. School Health Education (fall and winter).....	Logan	113
PE 464p. Health Instruction (spring)	Logan	113
PHYSICS		
Ph 201,2,3. General Physics (laboratory).....	Heller	B & C

* Either Mth 10 or Mth 100 will be given, but not both.

† Either Mth 106 or Mth 205 will be given, but not both.

SCHEDULE OF CLASSES

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<i>Course</i>	<i>Instructor</i>	<i>Room</i>
PHYSIOLOGY		
Z 306,7,8p. Human Physiology	Haney & Youmans	204
PSYCHOLOGY		
Psy 462. Industrial Psychology (G) (Winter)	Porter	108
Psy 463. Personnel Procedures (G) (spring)	Porter	108
ROMANCE LANGUAGES		
RL 314,5,6. French Composition and Conversation	Herman	116
RL 347,8,9. Spanish Composition and Conversation	Young	205

THURSDAY, 7:15-9:15 P.M.

BACTERIOLOGY		
Bac 350p. Public Health (winter)	Weinzirl	205
BUSINESS ADMINISTRATION		
BA 111,2,3. Constructive Accounting	Janney	106
BA 112,3p. Constructive Accounting II	Wilson	105
BA 413p. Production Management (winter and spring)	107
BA 439,40p. Advertising (fall and winter)	Kuhn	116
ENGLISH		
Rht 311,2,3. Advanced Short-Story Writing	Powers	111
SD 325,6p. Public Speaking for Business and Professional Men and Women (fall and winter)	Collier	103
SD 333p. Conduct of Group Discussion (spring)	Collier	103
ENTOMOLOGY		
Ent 235p. The Habits and Management of Honey Bees (spring)	Scullen	205
GEOGRAPHY		
Geo 399p. Military Topography (fall)	Hodge	114
GEOLOGY		
G 201,2p. Geology (winter and spring)	Hodge	114
HISTORY		
Hst 371,2p. History of the United States	Jonasson	112
MATHEMATICS		
*Mth 10. Elements of Algebra (fall)	Price	104
*Mth 100. Intermediate Algebra (fall)	Price	104
Mth 105. College Algebra (winter)	Price	104
†Mth 106. Plane Trigonometry (spring)	Price	104
†Mth 205. Calculus (spring)	Price	104
MUSIC		
Mus 323,4,5. Choral Conducting	Duncan	110
NUTRITION		
Nur 327. Human Nutrition	Manville	113
ROMANCE LANGUAGES		
RL 11,2,3. First-Year Spanish	Burns	309
ZOOLOGY		
Z 201,2,3. General Zoology (laboratory)	Foulk	316

THURSDAY, 6:45-8:00 P.M.

EDUCATION		
Ed 311. Secondary Education (fall)	Edwards	204
Ed 511. Modern Educational Principles and Problems (winter)	Gunn	204
ENGLISH		
Eng 101,2,3. Survey of English Literature	Parsons	202
PHYSICAL EDUCATION		
PE 363. First Aid (fall)	David	315
PSYCHOLOGY		
Psy 201,2,3. General Psychology	Porter	203

THURSDAY, 6:45-9:15 P.M.

PHYSICAL EDUCATION		
PE 460. Instructor's First Aid (winter)	Smith	315

THURSDAY, 8:10-9:25 P.M.

ECONOMICS		
Ec 201,2,3. Principles of Economics	Winestone	108
ENGLISH		
Eng 201,2,3. Shakespeare	Parsons	202
Rht 111,2,3. English Composition	Culver	115
PSYCHOLOGY		
Psy 201,2,3. General Psychology	Porter	203

* Either Mth 10 or Mth 100 will be given, but not both.
 † Either Mth 106 or Mth 205 will be given, but not both.

CENTRAL LIBRARY

801 Southwest 10th Avenue

WEDNESDAY, 1:15-2:30 P.M.

Course	Instructor	Room
ENGLISH Rht 111,2,3. English Composition	Collier	H

WEDNESDAY, 4:15-6:00 P.M.

EDUCATION Ed 468p. Hygiene of Learning (G) (fall and winter).....	Bernard	H
Ed 480p. Pupil Personnel Work (G) (spring)	Bernard	H

FRIDAY, 1:15-2:30 P.M.

ENGLISH Rht 111,2,3. English Composition	Collier	H
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FRIDAY, 7:00-8:50 P.M.

BUSINESS ADMINISTRATION BA 111,2p-a. Constructive Accounting I	Janney	H
BA 416,7,8p. Business Law	Collier	C
BA 493p. Income-Tax Procedure (fall and winter).....	Pattullo	D

ENGLISH Eng 361,2,3p. Twentieth-Century Literature	Parsons	F
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SPANISH RL 11,2a. First Course in Spanish	Young	B
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SATURDAY, 9:15-11:15 A.M.

ENGLISH Eng 407 and 507. Seminar in Special Authors	Parsons	F
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UNIVERSITY OF OREGON MEDICAL SCHOOL

3181 Southwest Marquam Road

WEDNESDAY, 7:15-9:15 P.M.

BACTERIOLOGY Bac 351p. General Microbiology Laboratory	Sullivan	Bacteriology Laboratory
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CHEMISTRY Ch 101,2,3. Elementary General Chemistry (lecture)	Todd	1
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THURSDAY, 7:15-9:15 P.M.

BACTERIOLOGY Bac 352p. Communicable Diseases Laboratory	Sullivan	Bacteriology Laboratory
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FRIDAY, 7:15-9:15 P.M.

CHEMISTRY Ch 101,2,3. Elementary General Chemistry (laboratory).....	Todd	Biochemistry Laboratory
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PORTLAND CIVIC THEATRE WORKSHOP

4 Northwest 23rd Avenue

MONDAY, 7:30-9:30 P.M.

SPEECH AND DRAMATIC ARTS SD 02. Radio Acting	Talbot
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TUESDAY AND THURSDAY, 7:30-10:00 P.M.

SPEECH AND DRAMATIC ARTS SD 341,2,3. Technique of Acting	Smith
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WEDNESDAY, 7:30-10:00 P.M.

SPEECH AND DRAMATIC ARTS SD 347,8,9p. Blue Room Players	Smith and Marye
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PORTLAND ART MUSEUM

Southwest Park Avenue at Madison

WEDNESDAY, 7:30-9:30 P.M.

ARCHITECTURE AND ALLIED ARTS AA 376,7,8p. Advanced Art Appreciation	Henke
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Correspondence Courses

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

- AGRICULTURE**
Farm Accounting
- ARCHITECTURE**
Mechanical Drawing
Stresses
Elementary Structural Design
Lower-Division Landscape Design
- ART**
Freehand Drawing
Design I
- ASTRONOMY**
Astronomy
Astronomy (Short Course)
- BIOLOGY**
Biological Science Survey
Bird Study
- BOTANY**
Elementary Botany, Plant Biology
Systematic Botany
Advanced Systematic Botany
Shrubs and Trees
- BUSINESS ADMINISTRATION**
Constructive Accounting
Business Law
Real-Estate Fundamentals
Problems in Distribution
General Advertising
- ECONOMICS**
Economic History
Principles of Economics
Outline of Economics
Economics of Business
Organization and Finance
Money, Banking and Economic Crises
Economic Problems: Economics of the Recovery Program
- EDUCATION**
Mental Hygiene
Educational Psychology
Oregon School Law and System of Education
Modern Methods of Teaching in the Upper Grades and High School
Health Education
Introduction to Education
Curriculum Construction
General History of Education
History of Modern Education
Child Study
Psychology of Adolescence
Measurement in Secondary Education
Character Education
- ENGINEERING**
Engineering Drawing
- WRITTEN ENGLISH**
Principles of Good Writing
Exposition, Narration and Argument
Introduction to Short Story Writing
Short Story Writing
Business English
Advanced Writing
- Advanced Short Story Writing
Book and Play Reviewing:
A Course in Literary Criticism
Versification
English Composition for Teachers
Prose Manuscript
Magazine Writing
Grammar, Punctuation, and Usage Review
- LITERATURE**
Survey of English Literature
Early American Literature
Recent American Literature
Shakespeare
Survey of American Literature
English and American Poetry, 1910-1920
Contemporary English Novelists
Living Writers
English Novel
Twentieth Century Literature
Nineteenth Century American Novel
Contemporary American Novel
- GEOGRAPHY**
General Geography
- GEOLOGY**
Geology I
Historical Geology
- HISTORY**
World History
English History
History of Modern Europe
History of the United States
History of Oregon
- HOME ECONOMICS**
Principles of Dietetics
Food Purchasing
Child Development
Household Management
Clothing Selection
House Furnishing
- JOURNALISM**
Elementary Newswriting
Feature Writing
Newswriting for Publicity
Chairmen
- LANDSCAPE ARCHITECTURE**
Lower-Division Landscape Design
- LATIN**
Beginning Latin and Caesar
Cicero
Latin Literature: Horace
- LIBRARY METHODS**
Book Selection and Evaluation
Children's Literature
- MATHEMATICS**
Elements of Algebra
Elements of Geometry
Intermediate Algebra
Elementary Analysis
College Algebra
Plane Trigonometry
Mathematics of Finance
- Introduction to Analysis (Trigonometry)
Analytical Geometry
Differential and Integral Calculus
Elements of Statistics
Differential Equations
- MODERN LANGUAGES**
First-Year French
Second-Year French
First-Year German
Second-Year German
First-Year Spanish
Second-Year Spanish
- PHYSICS**
College Physics
History and Teaching of Physics
Meteorology
Advanced Meteorology
- PHYSIOLOGY**
Elementary Physiology
- POLITICAL SCIENCE**
American National Government
American State and Local Governments
- PSYCHOLOGY**
General Psychology
Genetic Psychology
Abnormal and Borderline Psychology
- SECRETARIAL SCIENCE**
Stenography (Gregg)
Stenography (Thomas)
Typing
Office Organization and Management
- SOCIOLOGY**
Introduction to Sociology
General Sociology
Criminology
Matrimonial Institutions
Community Problems
- ZOOLOGY**
Bird Study
Elementary Physiology
- ENTRANCE COURSES**
Introduction to Accounting
Elementary Commercial English
Entrance English I to VIII
Entrance English Composition
Fundamentals of Written English
English Grammar and Usage
Grammar, Punctuation, and Usage Review
Beginning Latin
Caesar
Elementary Algebra
Intermediate Algebra
Plane Geometry
Solid Geometry
Elementary Physics
Civics
American History
World History
Elementary Economics
Social Problems
Social Problems and Government