

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



**Portland Extension Center**  
Catalog Issue, 1939-1940

Portland, Oregon

# **PORTLAND EXTENSION CENTER**

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

## **ANNOUNCEMENTS**

**1939-40**

**814 OREGON BUILDING  
PORTLAND, OREGON**

## Oregon State System of Higher Education

**T**HE Oregon State System of Higher Education, as organized in 1932 by the State Board of Higher Education following a Federal survey of higher education in Oregon, includes all the state-supported institutions of higher learning. The several institutions, located at six different places in the state, 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 University of Oregon Medical School at Portland, 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.

Each of these institutions, except the Medical School which is on a graduate basis, 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. Beyond the lower-division level the work of the two institutions is distinctly differentiated. At the University are centered the advanced curricula in the arts, letters, and social sciences, and the professional schools resting on these fundamental fields of knowledge. At the State College are centered the advanced curricula in the physical and biological sciences and the professional schools resting on these natural sciences.

## State Board of Higher Education

	Term Expires
EDWARD C. PEASE, The Dalles.....	1940
F. E. CALLISTER, Albany.....	1941
BEATRICE WALTON SACKETT, Marshfield.....	1942
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
HERMAN OLIVER, John Day.....	1948

### OFFICERS

WILLARD L. MARKS.....	President
EDWARD C. PEASE.....	Vice-President

### EXECUTIVE COMMITTEE

WILLARD L. MARKS

EDWARD C. PEASE

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	GEORGE WILCOX PEAVY, Sc.D., LL.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 J. 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, B.A., C.P.A.	Comptroller
CLARENCE VALENTINE BOYER, Ph.D.	Dean and Director of Arts and Letters
CHARLES DAVID BYRNE, M.S.	Director of Information
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 and Director of Social Science
FRANCOIS ARCHIBALD GILFILLAN, Ph.D.	Acting Dean 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.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
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
GEORGE WILCOX PEAVY, M.S.F., Sc.D., LL.D.	Dean and Director of Forestry
ALFRED POWERS, A.B.	Dean and Director of General Extension
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, 1939-40

#### Fall Term

October 2-7, Monday to Saturday.....Classes begin as scheduled  
October 28, Saturday.....Last day for fees (before noon)  
November 11, Saturday.....Armistice Day, a holiday  
November 23-November 27, Thursday  
to Monday .....Thanksgiving vacation  
December 18-23, Monday to Saturday.....Term examinations

#### Winter Term

January 2-8, Tuesday to Monday.....Classes begin as scheduled  
January 29, Monday.....Last day for fees  
March 11-16, Monday to Saturday.....Term examinations

#### Spring Term

March 25-30, Monday to Saturday.....Classes begin as scheduled  
April 20, Saturday.....Last day for fees (before noon)  
May 30, Thursday.....Memorial Day, a holiday  
June 3-8, Monday to Saturday.....Term examinations

#### Summer Session

June 17-July 26

# 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.  
GEORGE WILCOX PEAVY, M.S.F., D.Sc., LL.D., President, Oregon State College.  
CHARLES ABNER HOWARD, M.A., LL.D., President, Oregon College of Education; Director, Elementary Teacher Training.

ALFRED POWERS, A.B., Dean and Director of General Extension.  
OLOF LARSELL, Ph.D., Dean and Director of Graduate Division.  
EARL MANLEY PALLETT, Ph.D., Registrar of the Portland Center.  
MARGARET MORRISON SHARP, Secretary of the Portland Center.

LOUIS BERELSON, Ph.D., Adviser in General Studies.

A.B. (1930), Whitman; M.A. (1931), California; Ph.D. (1934), Virginia. Administrative assistant, Portland Extension Center (1935-37); secretary of summer sessions (1937—); adviser in General Studies (1938—).

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

B.A. (1911), Oregon; LL.B. (1914), Michigan. Lecturer (1929-30), Assistant Professor (1930—).

ALEXANDER GOLDENWEISER, Ph.D., Professor of Thought and Culture.

B.A. (1902), M.A. (1904), Ph.D. (1910), Columbia. Faculty, Columbia (1910-19), New School of Social Research, New York City (1919-26). Lecturer (1930-32), Professor (1932—).

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 and Administrative Assistant (1935—).

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

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

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

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

JOHN AUSTIN SPAULDING, Ph.D., Professor of German.

B.A. (1911), M.A. (1912), Ph.D. (1917), Harvard. Faculty, Worcester Polytechnic Institute (1914-17), University of New Brunswick (1919-20), Yale University (1920-22), Trinity College (1922-31), Massachusetts State Department of Education (1936-37). Lecturer (1937-38), Professor (1938—).

ARTHUR G. B. BOUQUET, M.S., Professor of Vegetable Crops, Oregon State College.

OTHNIEL ROBERT CHAMBERS, Ph.D., Professor of Psychology; in charge of Department, Oregon State College.

DAN ELBERT CLARK, Ph.D., Professor of History, University of Oregon.  
 ROBERT CARLTON CLARK, Ph.D., Professor of History and Head of Department, University of Oregon.  
 NEWEL HOWLAND COMISH, Ph.D., Professor of Business Administration, University of Oregon.  
 CALVIN CRUMBAKER, Ph.D., Professor of Economics, University of Oregon.  
 RUDOLF HERBERT ERNST, Ph.D., Professor of English, University of Oregon.  
 DANIEL DUDLEY GAGE, Jr., Ph.D., Associate Professor of Business Administration, University of Oregon.  
 KENNETH LLEWELLYN GORDON, Ph.D., Assistant Professor of Zoology, Oregon State College.  
 RUTH GILL HAMMOND, M.A., Assistant Professor of Household Administration, Oregon State College.  
 EDWIN THOMAS HODGE, Ph.D., Professor of Economic Geology, Oregon State College.  
 WENDELL HUTCHENS, M.D., Clinical Associate in Psychiatry, Medical School.  
 HARVEY E. INLOW, M.A., LL.B., Professor and Head of Department of Elementary Teacher In-Service Extension Education.  
 JAMES RALPH JEWELL, Ph.D., LL.D., Dean of the School of Education; Director of High School Teacher Training.  
 IRA ALBERT MANVILLE, M.D., Ph.D., Associate Clinical Professor of Medicine and Director of Nutritional Research Laboratory, Medical School.  
 EARL GEORGE MASON, M.F., Professor of Forestry; Assistant Dean, School of Forestry, Oregon State College.  
 WAYNE MASSEY, Ph.D., Assistant Professor of Physical Education, University of Oregon.  
 EDWIN DAVIS MEYER, B.S., Assistant Professor of Industrial Arts, Oregon State College.  
 ELIZABETH B. MONTGOMERY, Ph.D., Assistant Professor of Education, University of Oregon.  
 ARTHUR LEE PECK, B.S., B.A., Professor of Landscape Architecture and Head of Department, Oregon State College.  
 JOHN GILBERT REID, Ph.D., Assistant Professor of History, University of Oregon.  
 WILLIAM CURTIS REID, M.S., Instructor in Physics, Oregon State College.  
 CARL W. SALSER, Ed.M., Professor of Education and Head of Department; Head of Placement; Assistant Dean of the School of Education, Oregon State College.  
 HARRY JOHNSON SEARS, Ph.D., Professor of Bacteriology, Hygiene, and Public Health and Head of Department of Bacteriology, Medical School.  
 JAMES WILSON SHERBURNE, Ph.D., Assistant Professor of Psychology, Oregon State College.  
 ARTHUR BENJAMIN STILLMAN, M.B.A., Associate Professor of Business Administration, University of Oregon.  
 ALFRED TAYLOR, Ph.D., Instructor in Zoology, Oregon State College.  
 ELNORA E. THOMSON, R.N., Professor of Nursing Education and Director of Department, Medical School.

SUZANNE M. BEATTIE, M.A., Instructor in French, Portland Center.  
 GRACE BRIDGES, Director of Auditorium, Portland Public Schools.

DAVID BEASLEY CAMPBELL, B.M., Instructor in Music, Portland Center.  
 EDNA C. CULVER, B.A., Instructor in English, Portland Center.  
 FRANK L. DUDLEY, LL.B., Credit Manager, General Grocery Company.  
 CHESTER R. DUNCAN, M.M., Supervisor of Music, Portland Public Schools.  
 CALVIN B. FOULK, M.A., Instructor in Zoology, Portland Center.  
 CYRIL K. GLOYN, M.A., Professor of Psychology and Sociology, Pacific University.  
 FRANK H. HILTON, J.D., Instructor in Business Administration, Portland Center.  
 MILLARD C. HOLBROOK, Instructor in Business Administration, Portland Center.  
 JAMES H. HUDDLESON, M.D., Instructor in Psychology, Portland Center.  
 WILBUR S. HULIN, Ph.D., Instructor in Psychology, Portland Center.  
 RANDOLPH T. KUHN, B.A., Instructor in Business Administration, Portland Center.  
 DOROTHEA M. LENSCH, B.A., M.A., Playground Supervisor, Portland Bureau of Parks.  
 GREBA T. LOGAN, B.S., Supervisor of Health, Portland Public Schools.  
 LEWIS C. MARTIN, Ph.D., Director of Special Education, and Psychologist, Portland Public Schools.  
 DONALD MARYE, B.A., Director, Portland Civic Theatre.  
 CECIL E. MATSON, M.A., Instructor in Drama, Portland Center.  
 MERRITT L. OWEN, Comptroller, Charles F. Berg, Incorporated.  
 HENRY F. PRICE, Ph.D., Professor of Mathematics, Pacific University.  
 DOROTHY JUDD ROBINSON, B.S., Instructor in Home Economics, Portland Center.  
 EDWARD ERNEST RUBEY, B.A., C.P.A., Instructor in Accounting, Portland Center.  
 MARIE SCHULDERMAN, M.A., Instructor in Art, Portland Public Schools.  
 DORIS SMITH, Instructor in Drama, Portland Center.  
 NICHOLAS SULLIVAN, M.S., Assistant in Bacteriology, Portland Center.  
 THOMAS E. TAYLOR, M.E., Instructor in Mechanical Engineering, Portland Center.  
 ADOLPH WEINZIRL, B.S., M.D., C.P.H., City Health Officer, Portland.  
 ESTHER W. WUEST, Supervisor of Art, Portland Public Schools.

## The Portland Center

**T**HE General Extension Division of the Oregon State System of Higher Education is the agency through which the University of Oregon, Oregon State College, and the three state colleges of education render services through extension classes, correspondence study, visual instruction, social welfare, municipal activities, short courses, radio, and summer sessions. General extension work in Portland is carried on through the Portland Extension Center.

For the academic year 1939-40 the Portland Center announces 144 evening, late-afternoon, and Saturday morning courses in 29 different departments and professional schools. The work of these classes is of standard college or university grade. The courses are intended for persons who, because of preoccupation with bread-winning or with home-making or for other reasons, cannot attend college.

The academic year is divided into three terms and a summer session. For 1939-40 the dates are as follows: First term, October 2 to December 23; second term, January 2 to March 16; third term, March 25 to June 8.

The office of the Portland Center is at 814 Oregon Building, Southwest Fifth and Oak Streets. The telephone number is Atwater 2165. Executive details of all Portland classes are handled 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 stated.

## Admission

**S**INCE 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 set up, 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 not working for credit—a considerable body of earnest men and women taking the courses for their cultural and practical value. For non-credit students the only requirement is ability to do the work.

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

(3) Students formally enrolled for undergraduate credit, who have satisfied the entrance requirements and filed credentials with the registrar of one of the institutions and have received from him a card of admission.

(4) Those formally enrolled as graduate students.

**Preparation Required.** For admission to first-year or freshman standing, the student's preparation must conform to one of three plans, under each of which a proportion of his preparation must be in certain specified fields. In listing the requirements under the three plans, the following terms are used:

## CREDIT STUDENTS

11

**UNIT**, a subject taught five times a week, in periods of not less than forty minutes each, for a school of not less than thirty-six weeks.

**MAJOR**, three units in one field.

**MINOR**, two units in one field.

**SPECIFIED FIELDS**: English, languages other than English, mathematics, natural science, social science.

Under Plan A, part of the entrance units must be grouped into majors and minors. Under Plan B, more freedom is allowed in distribution of units. Under Plan C, still greater freedom in distribution is allowed a student of exceptional ability as demonstrated by classification in the highest quartile of his high school graduating class and by the unreserved recommendation of his high school principal; a high rating in a college mental test may also be required.

No credit under any of the plans is granted for penmanship, spelling, physical education, or any subject commonly classified as a student activity.

Students from a four-year high school must present 15 units, including under the three plans—

Plan A. 2 majors and 3 minors: 3 of these 5 groups in Specified Fields, including 1 major in English.

Plan B. 10 units in Specified Fields: 3 of these units in English.

Plan C. 8 units in Specified Fields: 3 of these units in English; exceptional ability as explained above.

Students from a senior high school must present 12 units, including under the three plans—

Plan A. 2 majors and 2 minors: 3 of these 4 groups in Specified Fields, including either a major or minor in English.

Plan B. 8 units in Specified Fields: 2 of these units in English.

Plan C. 7 units in Specified Fields: 2 of these units in English; exceptional ability as explained above.

**Admission by Examination.** College Entrance Board Examinations are recognized as evidence of preparation by the institutions of the State System of Higher Education. Students seeking admission by examination should obtain information from the College Entrance Examination Board, 431 West 117th Street, New York City.

## Credit Students

**R**ESIDENT credit in the University of Oregon and Oregon State College may be earned in all Portland 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.

Resident credit in the state colleges of education may be earned in the Portland Extension Center subject to the following regulations governing graduation from the colleges of education.

Graduates from any standard college or university may be graduated from any one of the Oregon colleges of education after earning 48 term hours in resident work. A student who has completed four or more terms of work in a standard college or university may be graduated from any one of the colleges of education after earning 48 term hours in resident work. A student who has completed one year or has 64 term hours of work in a standard college or university may transfer the whole amount toward graduation from any one of the colleges of education. The standard university or college work referred to in this regulation is acceptable from the Portland Extension Center when it satisfies the specific requirements for courses.

Students desiring to work toward degrees should inform themselves concerning all the requirements for the several degrees. They are also 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.

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

**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 in the Portland Center and who are unable, for financial or other reasons, to enroll in regular work on one of the campuses, may take as many 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 before registering.

Permission of the instructor is required for admission to classes for credit after the second class meeting of any term. Admission for credit is not allowed after the third week.

## Fees and Registration

The registration fee for each term for *undergraduate* students and for those not desiring credit is \$5 for one course (one or two credits), \$9 for two courses, and \$12.00 for three courses.

The registration fee for each term for *\*graduate students* is \$6 for one course (one or two credits), \$11 for two courses, and \$15 for three courses.

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

### SCHEDULE OF FEES

Credit Hours

	1-2	3	4	5	6	7	8	9	10
Undergraduates and Auditors .....	\$5.00	\$7.00	\$9.00	\$10.50	\$12.00	\$13.50	\$15.00	\$16.50	\$18.00
*Graduates .....	6.00	8.50	11.00	13.00	16.00	17.00	19.00	21.00	23.00
Forestry—Three weeks course.....	\$15.00								

The registration fee for students who enter classes after the middle of a

term and who, of course, cannot receive credit, is \$5 for one, two or three courses.

The registration fee for the first term will be due not later than *October 28*; for the second term, *January 29*; for the third term, *April 20*. A delinquency fee of \$.50 per week for each week will be charged after these dates. *Registration fees will not be accepted for any term after the eighth week of that term.* Registration is not completed until all fees are paid. Checks should be drawn to the order of the Portland Extension Center.

### SCHEDULE OF DELINQUENCY FEES

5th week.....	\$.50
6th week.....	1.00
7th week.....	1.50
8th week.....	2.00

Registration fees are not acceptable after the 8th week.

**Registration.** Students may register daily, except Sunday, 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. If it is inconvenient to come to the office, fees may be mailed, if accompanied by the following information: the student's name, address, telephone number, occupation; list of courses taken; whether or not credit is desired; if so, whether high school or advanced credits have been filed with the registrar of the University of Oregon, who is the registrar of the Portland Extension Center.

**Refunds.** Refunds of fees will be granted only to students who are obliged for sufficient reasons to withdraw entirely from the Portland Center. Only a proportionate rebate will be allowed. *No refunds for any reason may be granted after the sixth week of any term.*

### SCHEDULE OF REFUNDS

To close of 4th week.....	Full amount of fee
To close of 5th week.....	½ of fee
To close of 6th week.....	¼ of fee

No refunds are granted after the close of the 6th week.

**Diploma Fee.** A diploma fee of \$6.50 is charged for each degree taken. The rules prescribe that no person shall be recommended for a degree until he has paid all fees, including the diploma fee.

**Grading System.** The grading system used in the Oregon State System of Higher Education groups students in the following classifications:

A—exceptional accomplishment	F—failure
B—superior	W—withdrawn
C—average	Inc.—incomplete
D—inferior	

\* Those working toward master's degrees in the University of Oregon or Oregon State College.



## Group and Departmental Requirements

**A** STUDENT registering for credit should confer with advisers in the Portland Center office regarding the requirements of the school or department in which he has selected his major.

**Group Requirements.** To receive the Junior Certificate and be admitted to upper division standing, lower division students must satisfy all the requirements described in the general catalogs of the institutions of the State System, including the group requirements. Group requirements for the University of Oregon or Oregon State College may be worked out in the Portland Center and lower division students should consult advisers in the Portland Center office in regard to the course that will satisfy these requirements.

Upper division transfers from other accredited institutions may frequently have already satisfied the group requirements. Students should, however, always clear this point in advance with the registrar of the institution with which they are matriculated.

**Major Courses in the Portland Center.** The limited curriculum of the Portland Center permits the fulfillment of the requirements for a major in only a few of the schools and departments of the State System. It is ordinarily possible for normal school graduates with 93 term hours of credit and for students whose lower division requirements are completed to find suitable courses in the Portland Center for major work in education, English, history, and sociology.

**Majors in English.** The required courses for English majors in the Portland Center are: Shakespeare, six hours; English Survey, six hours; European Novel or Comparative Drama, six hours; one period course, six hours; English History before the Nineteenth Century, six hours; French or German, 24 hours. The remaining courses for the 36 hours in English may be made up of additional period courses and electives in literature. The only other arts and letters department in which it is possible to complete the hours required for a major and for a bachelor of arts degree is German.

**Majors in History.** The course in history should be carefully selected at the beginning of each year in conference with the advisers in the Portland Center, who will be able to indicate the courses approved by the head of the History Department.

**Majors in Education.** In addition to the written English requirement, the group requirements, and the requirement of 36 hours in education, major students in education will be held for the satisfactory completion of two minor norms. Norm requirements are not checked in the summaries made by the registrar's office; but the Portland Center is charged by the Dean of the School of Education and by the heads of the respective departments and schools to see that the norms are cleared. Portland Center courses acceptable in satisfaction of the different norms in any given year should be determined by the students, before enrollments, in conference with the advisers in the Portland Center.

Major students in education who are now engaged in and expect to continue in elementary teaching after receiving degrees will be permitted to substi-

tute sequences in art, biology, business administration, economics, English, English and library methods, geography, history, home economics, nature study, physical education, psychology, public speaking and drama, and sociology for the regular norms required of all secondary teachers. Following are the sequences requirements for elementary teachers, satisfied by courses available to teachers through Portland Center classes and through correspondence study.

*Art Sequence.* Thirty hours from the following courses:

PORTLAND CENTER		Ed 422p. Teaching of Art. 2 hours.	
AA 144p, 145p, 146p. Freehand Drawing. 6 hours.		AA 490p. Advanced Painting. 6 hours.	
AA 268p. Design II: Creative Design for Public Schools. 2 hours.		LA 179p. Landscape Architecture. 4 hours.	
AA 209p. Creative Composition. 6 hours.		CORRESPONDENCE STUDY	
AA 871p, 872p, 873p. Commercial Art. 6 hours.		AA C 144, 145. Freehand Drawing. 4 hours.	
AA 890p. Painting. 6 hours.		AA C 150. Mechanical Drawing. 6 hours.	
AA 892p. Head and Figure Drawing. 6 hours.		AA C 166. Design I. 8 hours.	
		AA C 420, 421, 422. Elementary Structural Design. 6 hours.	

*Biology Sequence.* Twenty-five hours from the following courses:

PORTLAND CENTER	
Bac 348p, 349p. Bacteriology and Communicable Diseases. 6 hours.	
Bac 350p. Public Health. 2 hours.	
Bac 351p. General Microbiology Laboratory. 3 hours.	
Bac 352p. Communicable Diseases Laboratory. 3 hours.	
Nur 327p. Human Nutrition. 6 hours.	
Z 201, 202, 203. General Zoology. 9 hours.	
CORRESPONDENCE STUDY	
BIS C 101, 102, 103. Biological Science Survey. 12 hours.	
Bot C101. General Botany. 3 hours.	
Bot C 150. Elementary Botany. 3 hours.	
Bot C 151. Systematic Botany. 3 hours.	
Bot C 152. Advanced Systematic Botany. 3 hours.	
Bot C 350. Shrubs and Trees. 3 hours.	
Z C 150. Bird Study. 3 hours.	
Z C 250. Elementary Physiology. 3 hours.	

*Business Administration Sequence.* Twenty-five hours from the following courses:

PORTLAND CENTER	
BA 111p, 112p, 113p. Constructive Accounting. 12 hours.	
BA 407p. Seminar: Credits and Collections. 4 hours.	
BA 416p, 417p, 418p. Business Law. 6 hours.	
BA 423p. Office Organization and Management. 2 hours.	
BA 434p. Marketing Methods. 2 hours.	
BA 436p. Merchandising. 4 hours.	
BA 437p. Retail Credit Management. 4 hours.	
B 489p, 440p, 441p. Advertising. 6 hours.	
BA 442p. Salesmanship. 2 hours.	
BA 468p. Basic Course in Real Estate. 2 hours.	
BA 482p. Real Estate: Appraisals. 2 hours.	
BA 483, 484, 485. Accounting Theory and Practice. 6 hours.	
BA 487p. Auditing. 2 hours.	
BA 490, 491, 492. Advanced Accounting Theory and Practice. 6 hours.	
CORRESPONDENCE STUDY	
BA 496p, 497p. Federal and State of Oregon Taxation. 4 hours.	
Ec 438. Government Control of Private Business. 4 hours.	
Ec 477p. Economic Theory and Problems: Business Cycles. 2 hours.	
Eng 217p. Business English. 4 hours.	
Eng 325p, 326p. Public Speaking for Business and Professional Men and Women. 4 hours.	
CORRESPONDENCE STUDY	
BA C 111, 112, 113. Constructive Accounting. 12 hours.	
BA C 416. Business Law. 4 hours.	
BA C 434. Problems in Distribution. 4 hours.	
BA C 439. General Advertising. 3 hours.	
Ec C 334. Economics of Business Organization and Finance. 4 hours.	
Ec C 413. Money, Banking and Economic Crises. 5 hours.	

*Economics Sequence.* Thirty hours from the following courses:

PORTLAND CENTER	
Ec 201, 202, 203. Principles of Economics. 6 hours.	
Ec 405. Reading and Conference.	
Ec 438. Government Control of Private Business. 4 hours.	
Ec 477p. Economic Theory and Problems: Business Cycles. 2 hours.	
Ec C 150. Economic History. 6 hours.	
CORRESPONDENCE STUDY	
Ec C 201, 202, 203. Principles of Economics. 9 hours.	
Ec C 211. Outline of Economics. 3 hours.	
Ec C 334. Economics of Business Organization and Finance. 4 hours.	
Ec C 413. Money, Banking, and Economic Crises. 5 hours.	
Ec C 475. Economic Problems: Economics of the Recovery Program. 2 hours.	

*English Sequence.* The same as the English norm in the Portland Center. The following courses are required:

Eng 101, 102, 108. Survey of English Literature. 6 hours.  
Eng 161p. American Literature. 4 hours. (Not given 1989-40.)  
Eng 824p. English Composition for Teachers. 8 hours. (Not given 1989-40.)

Eng 201, 202, 203. Shakespeare. 6 hours.  
Period courses. 6 hours.

Additional courses to the total of 36 hours may be selected from the upper-division English courses.

*General Science Sequence.* A minimum of 24 term hours in the natural sciences, including at least 9 term hours in biological science.

*Geography Sequence.* Thirty hours from the following courses:

**PORTLAND CENTER**  
Geo 814p. Regional Geography. 2 hours. (Not given 1989-40.)  
Geo 815p. Climatology. 2 hours. (Not given 1989-40.)  
G 201p, 202p. General Geology. 6 hours.

**CORRESPONDENCE STUDY**  
Geo C 250, 251, 252. General Geography. 9 hours.  
G C 250. Geology I. 8 hours.  
G C 251. Historical Geology. 1½ hours.

*History Sequence.* The history sequence is the same as the history norm. The following courses are required:

**PORTLAND CENTER**  
Hst 841, 842, 843. Modern Europe; or Hst 204, 205, 206. World History. 9 hours. (Not given 1989-40.)  
Hst 371, 372, 373. History of the United States. 9 hours.

A minimum of five hours each from at least two of the following: PS 201p, 202p. Political Science; Ec 201, 202, 203. Principles of Economics; Soc 201p, 202p. Elements of Sociology; Geo 105, 106, 107. Introductory

Geography (not given 1989-40). 10 hours.  
Electives in political science, economics, sociology, or geography. 8 hours.

**CORRESPONDENCE STUDY**  
Hst C 207, 208, 209. English History. 9 hours.  
Hst C 341, 342, 343. History of Modern Europe. 9 hours.  
Hst C 371, 372, 373. History of the United States. 12 hours.

*Home Economics Sequence.* The requirements for teachers of home economics are indicated in the general catalog of the Oregon State College. The following courses are acceptable toward the work required:

**PORTLAND CENTER**  
Bac 348p, 349p. Bacteriology and Communicable Diseases. 6 hours.  
Bac 350p. Public Health. 2 hours.  
Bac 351p. General Microbiology Laboratory. 8 hours.  
Bac 352p. Communicable Diseases Laboratory. 8 hours.  
FN 411p. Food Purchasing. 4 hours.  
FN 435p. Experimental Cookery. 2 hours.

HAd 340p. Household Management. 2 hours.  
LA 179p. Landscape Architecture. 4 hours.  
Nur 327p. Human Nutrition. 6 hours.

**CORRESPONDENCE STUDY**  
CT C 217. Clothing Selection. 8 hours.  
CT C 331. House Furnishing. 8 hours.  
FN C 225. Principles of Dietetics. 2 hours.  
FN C 411. Food Purchasing. 8 hours.  
HAd C 320. Child Development. 8 hours.  
HAd 340. Household Management. 8 hours.

*Music Sequence.* Thirty hours from the following courses:

**PORTLAND CENTER**  
Major sequence:  
Mus 111, 112, 113. Harmony. 6 hours. (Not given 1989-40.)  
Mus 117, 118, 119. Ear Training, Solfeggio, and Dictation. 6 hours. (Not given 1989-40.)  
Mus 191p. Group Instruction, Piano or Voice. 6 hours. (Not given 1989-40.)  
Mus 211p, 212p, 213p. Second Year Harmony. 6 hours.  
Mus 317p, 318p, 319p. Public-School Music. 6 hours.  
Mus 320, 321, 322. Conducting and Instrumentation. 6 hours. (Not given 1989-40.)  
Mus 414, 415, 416. Counterpoint. 6 hours.

Mus 422, 423, 424. History of Music. 6 hours. (Not given 1989-40.)  
Ed 425, 426, 427. Teaching of Public-School Music. 6 hours. (Not given 1989-40.)

Minor sequence:  
Mus 111, 112, 113. Harmony. 6 hours. (Not given 1989-40.)

Mus 117, 118, 119. Ear Training, Solfeggio, and Dictation. 6 hours. (Not given 1989-40.)

Mus 191p. Group Instruction, Piano or Voice. 6 hours. (Not given 1989-40.)  
Mus 127p, 128p, 129p. Appreciation of Music. 6 hours.

Ed 425, 426, 427. Teaching of Public-School Music. 6 hours. (Not given 1989-40.)

*Nature Study Sequence.* Thirty hours from the following courses:

**PORTLAND CENTER**  
G 201p, 202p. General Geology. 6 hours.  
LA 179p. Landscape Architecture. 4 hours.  
Z 201, 202, 203. General Zoology. 9 hours.  
Hrt 111p. Elements of Horticulture: Home Gardening. 2 hours.

**CORRESPONDENCE STUDY**  
BiS C 101, 102, 103. Biological Science Survey. 12 hours.  
Bot C 151. Systematic Botany. 8 hours.  
Bot C 350. Shrubs and Trees. 8 hours.  
G C 251. Historical Geology. 1½ hours.  
Ph C 101. Astronomy. 6 hours.  
Z C 150. Bird Study. 8 hours.

*Physical Education Sequence.* Twenty-five hours from the following courses:

**PORTLAND CENTER**  
Bac 348p, 349p. Bacteriology and Communicable Diseases. 4 hours.  
Bac 350p. Public Health. 2 hours.  
Bac 351p. General Microbiology Laboratory. 8 hours.  
Bac 352p. Communicable Diseases Laboratory. 8 hours.  
Nur 327p. Human Nutrition. 6 hours.  
PE 341p, 342p. Physical Education Theory. 6 hours.  
PE 363p. School Health Education. 4 hours.

PE 431p. Technique of the Dance. 4 hours.  
PE 324p, 325p, 326p. Rhythmic Activities. 3 hours.

**CORRESPONDENCE STUDY**  
BiS C 101, 102, 103. Biological Science Survey. 12 hours.  
Psy C 103. Applied Psychology. 8 hours.  
Psy C 418. Abnormal and Borderline Psychology. 4 hours.  
Z C 250. Elementary Physiology. 8 hours.  
Ed C 351, 352. Health Education. 4 hours.

*Psychology Sequence.* Thirty hours from the following courses:

**PORTLAND CENTER**  
Psy 201, 202, 203. General Psychology. 6 hours.  
Ps 206p. Child Psychiatry. 4 hours.  
Psy 334p, 335p. Social Psychology. 4 hours.  
Ed 462p, 463p. Psychology of Exceptional Children. 4 hours.  
Psy 501. Research.  
Psy 507. Seminar in Psychology.

**CORRESPONDENCE STUDY**  
Psy C 103. Applied Psychology. 8 hours.  
Psy C 205, 206, 207. General Psychology. 9 hours.  
Psy C 411. Genetic Psychology. 8 hours.  
Psy C 418. Abnormal and Borderline Psychology. 4 hours.

*Public Speaking and Drama Sequence.* Thirty hours from the following courses:

**PORTLAND CENTER**  
Eng 180p. Extempore Speaking. 2 hours.  
Eng 183p, 184p, 185p. Fundamentals of Public Speaking. 6 hours.  
Eng 186p. Parliamentary Procedure. 2 hours.  
Eng 141p, 142p, 143p. Voice and Diction. 6 hours.  
Sp 247p, 248p. Children's Theatre. 4 hours.  
Eng 325p, 326p. Public Speaking for Business and Professional Men and Women. 4 hours.

Eng 338p. Conduct of Group Discussion. 2 hours.  
Eng 340p. Direction of School and Community Plays. 2 hours.  
Eng 341p, 342p, 343p. Technique of Acting. 6 hours.  
Eng 347p, 348p, 349p. Blue Room Players. 6 hours.

*Remedial Education Sequence:*

Ed 462p, 463p. Psychology of Exceptional Children. 4 hours.  
Ed 464p. Remedial Reading. 4 hours.  
Ed 466. Diagnostic and Remedial Techniques. 2 hours. (Not given 1989-40.)

**CORRESPONDENCE STUDY**  
Ed C 102. Mental Hygiene. 8 hours.  
Ed C 352. Child Study. 8 hours.

*Sociology Sequence.* Thirty hours from the following courses:

**PORTLAND CENTER**  
Soc 204p, 205p. General Sociology. 6 hours.  
Soc 405. Reading and Conference.  
Soc 451p, 452p. History of Social Thought. 6 hours.  
Soc 507. Seminar in Sociology.  
Anth 411p, 412p, 413p. Anthropology: Racial Facts and Theories. 6 hours.

**CORRESPONDENCE STUDY**  
Soc C 201, 202, 203. Introduction to Sociology. 9 hours.  
Soc C 204. General Sociology. 8 hours.  
Soc C 213, 214. Introduction to Modern Social Problems. 6 hours.  
Soc C 315. Criminology. 8 hours.  
Soc C 338. Matrimonial Institutions. 3 hours.  
Soc C 420. Community Problems. 2 hours.

## Graduate Work

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.

Courses numbered 500-599 are for graduate credit. Some of the courses numbered in the 400's may be taken for graduate credit, provided the student registers as a graduate student, and is entitled so to register, and provided he does the additional work beyond the ordinary undergraduate requirements which is required of graduate students. Courses in the 400's which may be taken for graduate credit are marked with a (G).

**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 for Graduate Study.** 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, 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.

**Grade Requirement.** For graduate students an average grade of B is required on all of the work carried for graduate credit. No work with a grade of D can be counted toward a graduate degree.

**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.

**Transferred Credit.** Graduate credit to a maximum of 15 term hours may be transferred from another standard institution with the approval of the major department and the graduate council; but such transferred credit may not shorten required residence.

**Time Limit for Master's Degrees.** 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 which is the minimum requirement for the M.A. (Departmental) degree, 30 hours must be in major courses and approximately 15 in minor or service courses. Of the 30 hours of the major, 9 are reserved for the thesis. Approximately 9 term hours in addition to the thesis must be in 500 courses.

The program for the master's degree must contain 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.

**Preliminary Examination.** A student working toward a master's degree is given a preliminary 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 preliminary examination has been passed, the student is advanced to candidacy for the degree. Not less than one-third of the course work for the degree should be registered for and completed after the student has been advanced to candidacy. 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 preliminary examination for the master's degree. Graduates of the State College who have maintained a grade-point average of at least 3.25 throughout their undergraduate work may be exempted from taking the preliminary examination.

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

**Registration.** Graduate students register in the regular manner at 814 Oregon Building. In addition they must fill out a graduate study card, obtain the signature of each instructor and of the adviser, and file this card in the Portland Center office by the end of the second week of class. No graduate credit can be obtained if this card is not filed. The Dean of the Graduate Division may be consulted during the first week of each term, and at other times as necessary. Appointments may be made by calling the Portland Center office, Atwater 2165. The schedule of fees for graduate students is given on page 12.

### 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, preliminary and final examinations, and fees are the same as for the departmental degree. The preliminary 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 appointed by the adviser. 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 will be Dr. Olof Larsell, dean of the Graduate Division; Dr. Howard R. Taylor, assistant dean of the Graduate Division, and Dr. Louis Berelson, 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

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. A large (G) following the name of a 400 course indicates that the course may be taken for graduate credit, with the consent of the instructor.

A small "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 significant respect as offered at the Portland Extension Center.

Courses offered at the Portland Center 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. The number is followed by a "p."

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

Textbooks are not listed in this catalog but are announced by the instructors at the first meetings of classes. Books may be obtained from Portland book stores.

## ANTHROPOLOGY

PROFESSOR: GOLDENWEISER

UPPER DIVISION COURSE

**Anth 411p, 412p, 413p. Anthropology: Racial Facts and Theories.** Three terms, 2 hours each term.

This course aims at a systematic review of the facts of race, of the theories built up about racial problems, and of the social attitudes rooted in racial factors which control so many aspects of the contemporary scene.

*Fall term:* Man's Animal Descent and the Ancient History of the Races. Evidences of man's status as an animal, paleontological, anatomical, physiological, embryological. The problematical place and time of man's origin, the dispersion of the races, their differentiation under the influence of geographical isolation, climate, and other factors.

*Winter term:* Racial Theories. Theories of Race from de Gobineau and Chamberlain to Grant, Stoddard and Hitler. This historical survey comes to a head in an analysis of Hitler's policies and of their penetration through the modern world.

*Spring term:* The Anthropological View of Race. Racial classifications based on physical factors such as skin color, hair, facial features, the cephalic index. The problems of racial psychology. Race and culture. Racial prejudice and the way out.

Monday, 7:15, room 112.

## ART

ASSOCIATE PROFESSOR: HINSHAW. INSTRUCTOR: SCHULDERMAN

LOWER DIVISION COURSES

**AA 144p, 145p. Freehand Drawing.** Fall and winter terms, 2 hours each term.

Drawing approached from a constructive point of view. Intended for beginners and others who wish to discover and make use of some of the fundamental principles involved in graphic representation. Since a very few simple forms underlie all of the complex surfaces and textures of the visual world, an effort is made to understand and clearly visualize these forms, which are then reconstructed on paper, with constant emphasis on intelligent building of forms as opposed to superficial imitation. The course is completely outlined, each assignment being in mimeographed form with considerable explanatory and illustrative material. Individual arrangements may be made to register for either the first or second term's work during the spring term. Associate Professor Hinshaw.

*Fall term:* Linear construction and principles of light and dark; organizations of abstract forms, architectural forms and the human figure in blocks and cylinders. *Laboratory fee, \$1.*

*Winter term:* Plastic organizations of line and tone: the picture as a design; compositions using still life forms, architectural forms, landscape forms, and the human figure. *Laboratory fee, \$1.*

Section 1, Monday, 4:00, 6th floor, \*Kraemer building. Section 2, Wednesday, 7:15, 6th floor, \*Kraemer building.

**AA 146p. Freehand Drawing: Pencil Sketching.** Spring term, 2 hours.

Intended as a sequel to AA 144p, 145p, although others with some drawing experience may enter. For those who have had the previous two terms of *Freehand Drawing* this class will be an opportunity to cultivate a direct and more spontaneous application of general principles than was possible in the other class. Quick and direct notations of a variety of subject matter types such as still life, landscape, perspective rendering, and the human head and figure, using a variety of sketching materials. Associate Professor Hinshaw. Wednesday, 7:15, 6th floor, \*Kraemer building.

**AA 268p. Design II: Creative Design for Public Schools.** Winter term, 2 hours.

Creative and industrial design in relation to the public school art program. In order to give design a more significant approach and a more immediate application in everyday life, it is being approached through a number of practical projects. Individual design projects may be selected from the following: wall paper, gift wrapping paper, labels; textile designs in batik and block printing; tile and other ceramic problems; designs for bottles, jars, package forms, and other industrial form types. Miss Schulderman. Monday, 7:15, room 301.

**AA 292p. Creative Composition.** Three terms, 2 hours each term.

An active study of the principles of composition as they are discovered through creative effort. The course intends to be helpful to students of commercial art and design as well as to the general art student or teacher. It presupposes some previous experience in drawing. Associate Professor Hinshaw. Thursday, 4:00 (or by appointment), 6th floor, \*Kraemer building.

UPPER DIVISION COURSES

**AA 371p. Commercial Art: Lettering and Show-Card Writing.** Fall term, 2 hours.

Careful study of a few fundamental types of alphabet, with considerable drill on methods for their formation in a freehand way; historical styles with suggestions for modern adaptations. The letter as design; problems in spacing and arrangement. Study of appropriate styles of lettering to suit various modern uses such as show-cards, package covers and labels, posters, and other forms of advertising. Associate Professor Hinshaw. Friday, 7:15, room 301.

**AA 372p. Commercial Art: The Poster.** Winter term, 2 hours.

The function of the poster. A study of representative modern poster types. Creation of original designs fulfilling the psychological and aesthetic requirements of poster art. Materials and methods in poster making. Study of the qualities which attract, convince, and sell goods in poster advertising. Associate Professor Hinshaw. Friday, 7:15, room 301.

\* 206 Southwest Washington street.

**AA 373p. Commercial Art: The Figure.** Spring term, 2 hours.

The human figure as a design motif. Preliminary review of the basic proportions and actions of the figure followed by a number of suggestions for designing and stylizing it to fit modern commercial uses. Abstraction and decorative treatment in several different media. Associate Professor Hinshaw. Friday, 7:15, room 301.

**AA 390p. Painting.** Three terms, 2 hours each term.

The purpose is to establish a creative attitude toward the problem of building forms with color. Both plastic and visual approaches; design and elementary problems of craftsmanship; use of oil or water color. Intended for a wide range of personal interests and various stages of development. Instruction is mainly by individual criticism enabling each student to begin and proceed according to his own ability. Some previous experience in drawing is necessary. Associate Professor Hinshaw. Monday and Thursday, 2:00, 6th floor, \*Kraemer building.

**AA 392p. Head and Figure Drawing.** Three terms, 2 hours each term.

This class meets twice a week and works directly from the model for a two-hour period each evening. Portrait studies, costume figure sketch, and life drawing. Directness and freedom are encouraged and special emphasis is placed on a careful study of action, proportion, and the larger elements of anatomical construction. Intended for those just beginning to draw from life and for others who have had considerable experience and wish to continue; for the general art student, for teachers, fashion artists, and commercial artists. *Laboratory fee, \$3 each term.* Associate Professor Hinshaw. Monday and Thursday, 7:15, 6th floor, Kraemer building.

**Ed 422p. Teaching of Art: Creative Art Expression.** Fall term, 2 hours.

See description under Education.

**AA 490p. Advanced Painting.** Three terms, 2 hours each term.

A combination of AA 390p. Intended for those who have had previous painting experience. Larger and more difficult problems of organization are undertaken and further consideration is given to craftsmanship and media. Associate Professor Hinshaw. Monday and Thursday, 2:00, 6th floor, \*Kraemer building.

BACTERIOLOGY

PROFESSOR: SEARS. INSTRUCTORS: SULLIVAN, WEINZIEL

UPPER DIVISION COURSES

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

The general characteristics of bacteria and their relation to disease; public health control of the chief communicable diseases. Professor Sears. Monday, 7:15, room 317.

**Bac 350p. Public Health.** Fall term, 2 hours.

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,

\* 206 Southwest Washington street.

ventilation, lighting, clothing, exercise; public health organization and legislation, eugenics; maternity, infant, pre-school, occupational, and old-age hygiene. Dr. Weinzi. Tuesday, 7:15, room 204.

**Bac 351p. General Microbiology Laboratory.** Three terms, 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, 350p must be taken in conjunction with this course. *Laboratory fee, \$3 each term.* Mr. Sullivan. Friday, 7:15, bacteriology laboratory, third floor, Medical School.

**Bac 352p. Communicable Diseases Laboratory.** Three terms, 1 hour each term.

A laboratory study of disease microorganisms with special reference to the procedures used in the isolation and identification of species. *Prerequisite:* Bac 351p, or its equivalent. *Laboratory fee, \$3 each term.* Mr. Sullivan. Thursday, 7:15, bacteriology laboratory, third floor, Medical School.

## BUSINESS ADMINISTRATION

**PROFESSOR:** COMIEH. **ASSOCIATE PROFESSORS:** GAGE, STILLMAN. **ASSISTANT PROFESSOR:** JANNEY. **INSTRUCTORS:** DUDLEY, HILTON, HOLBROOK, KUHN, OWEN, RUBEY.

## ACCOUNTING

**NOTE:** The Oregon State Society of Certified Public Accountants' Prize, consisting of accounting books to the value of \$25.00, is made to the most outstanding student in accounting.

### LOWER DIVISION COURSES

**BA 111p, 112p-a. Constructive Accounting I.** Three terms, 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. This course, or its equivalent, is required for admission to all other accounting courses. Section 1, Assistant Professor Janney, Thursday, 7:15, room 106. Section 2, Associate Professor Stillman, Wednesday, 7:15, room 105. Section 3 (*fall term only*), Associate Professor Stillman, Thursday, 7:15, room 105.

**BA 112p-b, 113p. Constructive Accounting II.** Three terms, 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, leading 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, but who are not prepared for advanced

accounting, may enroll in this course. Section 1, Assistant Professor Janney, Friday, 7:15, room 106. Section 2, Mr. Rubey, Wednesday, 7:15, room 104.

### UPPER DIVISION COURSES

**BA 483, 484, 485. Accounting Theory and Practice.** Three terms, 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. Assistant Professor Janney. Wednesday, 7:15, room 106.

**BA 487p. Auditing.** Fall term, 2 hours.

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 490, 491, 492, or equivalent. Assistant Professor Janney. Monday, 7:15, room 106.

**BA 490, 491, 492. Advanced Accounting Theory and Practice.** Three terms, 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 483, 484, 485, or equivalent in professional training. Assistant Professor Janney. Tuesday, 7:15, room 106.

**BA 496p, 497p. Federal and State of Oregon Taxation.** Winter and spring terms, 2 hours each term.

Income tax laws of the United States. Problems involving personal partnership and corporation returns. Forms, laws, regulations, treasury decisions involving modern points of law; decisions and rulings which affect business. Exposition of State of Oregon income tax, intangibles tax, and corporation excise tax laws. Study of laws, forms and rulings, and problems in preparation of various forms. Special features of the State of Oregon excise, income, and intangible tax laws will be explained by Carl Davidson of the firm of Phipps & Davidson, tax attorneys. Assistant Professor Janney. Monday, 7:15, room 106.

## GENERAL BUSINESS COURSES

### LOWER DIVISION COURSE

**Eng 217p. Business English.** Fall and winter terms, 2 hours each term.  
See description under Written English.

### UPPER DIVISION COURSES

**Eng 325p, 326p. Public Speaking for Business and Professional Men and Women.** Fall and winter terms, 2 hours each term.  
See description under Public Speaking.

**BA 416p. Business Law: Common Law Principles.** Fall term, 2 hours.

A general view of law and its relation to business; fundamental legal principles, legal and non-legal rights and duties, common law and statutory laws; the Oregon courts and court procedure generally, attachments and garnishments, F.E.D., supplementary proceedings, legal means of collecting judgments, bankruptcy, exemptions, the Statute of Frauds and the Statute of Limitations. The law of contracts with a consideration of the principles of contracts through the study of illustrative cases. Mr. Hilton. Thursday, 7:15, room 104.

**BA 417p. Business Law: Sales and Bailments.** Winter term, 2 hours.

The legal principles involved in the sale of goods and merchandise, the sales contract and the obligations of seller and buyer, the Statute of Frauds in connection with sales, the Uniform Sales Act. A study of bailments and the bailment contract; also the special liability of hotels, public carriers, and warehousemen. Mr. Hilton. Thursday, 7:15, room 104.

**BA 418p. Business Law: Agency, Corporations, Partnership.** Spring term, 2 hours.

Various methods of carrying on business. Agency, the corporation, partnerships: their advantages and disadvantages, the duties and liabilities of corporate officers and partners. Agency: when the principal is liable for the agent's acts and duties of both principal and agent. Illustrative cases and problems. Mr. Hilton. Thursday, 7:15, room 104.

**BA 423p. Office Organization and Management.** Spring term, 2 hours.

The principles of organization and management as applied to the office. The elements of office organization, office management, office records and systems. A special study of the office manager as an executive and his qualifications. Mr. Owen. Friday, 7:15, room 108.

**BA 434p. Marketing Methods.** (G) Fall term, 2 hours.

A course designed for small merchants. A study of marketing channels for retailers, wholesalers and producers; cooperative buying; sales promotion programs, including consumer appeals, advertising, displays and direct retail; elements of marketing efficiency; and other methods employed to improve the competitive position of small dealers. Readings, lectures and cases. Professor Comish. Tuesday, 7:15, room 114.

**BA 436p. Merchandising.** (G) Winter and spring terms, 2 hours each term.

This course deals with retail organizations, practices, policies, and problems. It emphasizes stock control systems, buying, methods of sales promotion such as retail display and advertising, plant operation, personnel, methods of wage payment, credit, finance, receiving and marking, mark-ups, mark-downs, turnovers, pricing, style changes, trends in retailing expense classification and distribution. Professor Comish. Tuesday, 7:15, room 113.

**BA 437p. Retail Credit Management.** Fall and winter terms, 2 hours each term.

Granting of credit, taking the application by actual case method, meeting and greeting the customers, judging the applications, extending credit, controlling the credit, the law in credit granting, and following through to the actual collecting of the unpaid account. This study, by lectures, will be given by men with many years of actual experience in this field. Students attending the course and entering the retail credit field will be able to use the methods presented. Mr. Owen. Friday, 7:15, room 108.

**BA 407. Seminar.****Credits and Collections.** Fall and winter terms, 2 hours each term.

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, Extensions, Compositions, Collections, and Bankruptcy including a study of the new Bankruptcy Law of 1938. The course is required for the Award of Associate of Fellow by the National Institute of Credit (N.A.C.M.). Mr. Dudley. Wednesday, 7:15, room 111.

**BA 439p, 440p, 441p. Advertising.** Three terms, 2 hours each term.

A practical course of interest to those wishing to learn how to write newspaper advertising copy; to design effective advertisement, car card, and bill board layouts; to write radio commercial announcements and direct mail letters. Students are drilled in a practical method of utilizing the basic principles of psychology in advertising and in the technique of copy testing. Fundamentals of advertising production; case histories illustrating strategy used by successful contemporary advertisers. Complete advertising campaign to be produced by each student. Pre-evaluation of illustration, headline, and copy based on the Townsend and Townsend technique. Mr. Kuhn. Monday, 7:15, room 105.

**BA 442p. Salesmanship.** Spring term, 2 hours.

Salesmanship presented on the basis of established laws of psychology and economics. The traditional elements of selling technique, such as approach, interview, presentation, demonstration and close with a series of practical talks by successful business men in the field of selling. Primarily a laboratory course for the discussion and solution of sales problems and for the application of the principles of salesmanship in everyday selling. Analysis of various theories of selling. The fundamental differences between the buying behavior of the consumer and the selling behavior of the salesman. Professor Comish. Tuesday, 7:15, room 113.

**BA 468p. Basic Course in Real Estate.** Fall term, 2 hours.

Survey of the fundamental principles and practices of the real estate profession. Lectures presented by experienced realtors will include the following topics: duties, ethics, selling, leasing, financing factors, rentals, taxation factors, legal factors, industrial property. Intended for those now entering the profession, and for those who plan to enter the profession, the course is also valuable to owners of property who wish information on the factors affecting their holdings. Associate Professor Gage. Wednesday, 7:15, room 114.

**BA 481p. Property Insurance.** Fall term, 2 hours.

Economic and legal principles and leading practices upon which various kinds of property insurance are based. Nature of coverage, types of underwriters, types of contracts; analysis of the policy contract, special endorsements, and factors underlying the determination of rates and adjustment of losses. Staff to be announced. Monday, 7:15, room 203.

**BA 482p. Real Estate: Appraisals.** Fall term, 2 hours.

A practical course focusing upon local conditions presented in a series of related topics by men of experience in the special fields. The several appraisal procedures and approaches will be discussed, and special problems of appraisal will receive notice. The method of preparing and presenting an appraisal report will be given attention. The course is intended for those with experience in the real estate profession. Mr. Holbrook. Monday, 7:15, room 104.

## GRADUATE COURSE

**BA 501p. Advanced Business Research.** Three terms, 2 or 3 hours each term. Time to be arranged. Professor Comish.

## DRAMA

INSTRUCTORS: BRIDGES, MARYE, MATSON, SMITH.

NOTE: Drama courses in the Portland Center are given in cooperation with the Portland Civic Theatre School. All courses carry regular credit, as indicated, in the institutions of the State System of Higher Education.

## LOWER DIVISION COURSES

**Eng 141p, 142p, 143p. Voice and Diction.** Three terms, 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. Mr. Matson. Section 1, Monday, 7:15, room 108. Section 2, Wednesday (*Monday, spring term*), 7:15, room 108.

**Sp 247p. Children's Theatre: Story Telling and Production.** Fall term, 2 hours.

The principles and practice of directing children's dramatics, including story telling, material for creative dramatics and the manuscript play. Production material will consist of staging, scenery and lighting problems, makeup and directing. For teachers, directors of recreational activities, supervisors of children's organizations and others in charge of dramatic activities of children. Demonstration plays prepared under supervision by public school children. During this term and the following two terms, arrangements may be made with the instructors for a limited amount of additional laboratory work at the schools, in connection with regular school dramatic activities. Miss Bridges and Mrs. Smith. Monday, 4:15, room B, \*Portland Civic Theatre.

**Sp 248p. Children's Theatre: Creative Drama and Pageantry.** Winter term, 2 hours.

The correlation of reading, social sciences, art (scenery, costume and puppets), drama, music, and physical education, as they enter into production. The development of large production from the story through all its phases. It is planned that several times during the term the class will observe different stages of the production as demonstrated by public school children under supervision. Prerequisite: Sp 247p, or equivalent. Miss Bridges and Mrs. Smith. Monday, 4:15, \*Portland Civic Theatre.

## UPPER DIVISION COURSES

**Eng 340p. Direction of School and Community Plays.** Fall term, 2 hours.

Problems of play production for high school drama instructors in service,

\* 4 Northwest 23rd avenue.

directors of community plays, and suitably qualified students interested in amateur direction. Use of Civic Theatre laboratory and demonstrations by Civic Theatre acting classes. Mr. Marye, assisted by the Theatre staff Monday, 7:30, \*Portland Civic Theatre.

**Eng 341p, 342p-a. Technique of Acting (Beginning).** Three terms, 2 hours each term.

Study and practice of the principles of acting technique. Problems in the development of observation, imagination, concentration and characterization; body training. Participation in rehearsal and performance. Mr. Matson. Thursday, 7:30, \*Portland Civic Theatre.

**Eng 342p-b, 343p. Technique of Acting (Advanced).** Three terms, 2 hours each term.

Advanced problems in analysis and presentation of characterization, through improvisation and manuscript study. Ensemble work in rehearsal and performance. Prerequisite: Eng 341p, 342p-a, or equivalent. Mrs. Smith. Wednesday, 7:30, \*Portland Civic Theatre.

**Eng 347p, 348p, 349p. Blue Room Players.** Three terms, 2 hours each term.

A producing group of advanced players, whose work consists of actual theatre practice in rehearsal and performance in both theatres. The technique of the intimate and conventional theatre. Principles of direction with the direct application to acting problems. Prerequisite: Eng 341p, 342p, 343p, or equivalent experience and consent of the director. Mrs. Smith. Tuesday, 7:30, \*Portland Civic Theatre.

## ECONOMICS

PROFESSOR: CRUMBAKER

## LOWER DIVISION COURSE

**Ec 201, 202, 203. Principles of Economics.** Three terms, 2 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. Friday, 4:15, room F, Central library.

## UPPER DIVISION COURSES

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

Survey of the general movement to subject business and personal and property rights to regulation by state or Federal agencies. Examination of legislation affecting trusts and combinations, issuance and marketing of securities, operation of security and produce exchanges, development of fair-trade practices; control under so-called national recovery agencies. Friday, 7:15, room 110.

**Ec 477p. Economic Theory and Problems: Business Cycles.** (G) Spring term, 2 hours.

A study of the business cycle with reference to its effect on the various economic groups and interests. Special attention to the principal theories of the causes of the cycle, more particularly theories developed since 1900, and

\* 4 Northwest 23rd avenue.



to the various proposals for its control or elimination. Friday, 7:15, room 110.

#### GRADUATE COURSE

Ec 505. **Reading and Conference.** Three terms, 2 hours each term. Saturday, 9:15, room C, Central library.

### EDUCATION

PROFESSORS: CHAMBERS, INLOW, JEWELL, SALSER. ASSISTANT PROFESSORS: MEYER, MONTGOMERY, SHERBURNE. INSTRUCTORS: MARTIN, WUEST

NOTE: Teachers preparing to secure a secondary certificate should take the "norms" as listed in the general catalogs of the College and the University, with such minor changes as have been approved and which will be explained by an adviser in the Portland Center office. Teachers planning to continue in the elementary field and already having their certificates may take the wider range of "sequences" listed in the introductory part of this catalog.

#### UPPER DIVISION COURSES

Ed 311. **Secondary Education.** Fall and winter terms, 2 hours each 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. Professor Inlow. Thursday, 7:15, room 111.

Ed 316. **Oregon School Law and Oregon System of Education.** Winter term, 2 hours.

An analysis of the Oregon school system and of the laws on which the system is based. Attention given to the problems of Oregon schools, plans proposed for their solution, the course of study, and trends in educational development in the state. Prerequisite: junior standing. Professor Inlow. Thursday, 4:15, room H, Central library.

Ed 422p. **Teaching of Art: Creative Art Expression.** Fall term, 2 hours.

The development of a creative art program in relation to the modern curriculum. Theories underlying techniques of art education. Consideration of the selection of art experiences, appreciation, the building of a graphic vocabulary and basic learnings for different age levels and interest. Art integration with the social studies. Selection and motivation of projects. Individual and group problems. Demonstration of new methods and techniques in materials with emphasis on the use of color in the school program. This course is planned to be of immediate practical value in the development of a liberal program of creative art activities. Miss Wuest. Monday, 7:15, room 301.

Ed 440p. **History of Education.** (G) Spring term, 2 hours.

A general review of the growth and development of education and its relation to the civilization of the times; emphasis on the educational philosophies of Plato, Aristotle, Renaissance educators, Comenius, Locke, Rousseau, Pestalozzi, Froebel, Herbart, Spencer, and Dewey. Dean Jewell. Friday, 7:15, room 113.

Ed 461p. **Adolescence: Growth and Development of the Individual.** (G) Fall term, 2 hours.

The processes through which the normal human being reaches maturity, acquires effective use of his bodily equipment and learning capacity, and makes satisfactory personal and social adjustments. The characteristics of adolescence, mental and physical interests, attitudes, social behavior, emo-

tional problems and problems of guidance will be considered. Educational implications of recent studies in this field. Dr. Martin. Wednesday, 7:15, room 113.

Ed 462p, 463p. **Psychology of Exceptional Children.** (G) Winter and spring terms, 2 hours each term.

Study of the exceptional child, including the slow learner, the gifted, the physically handicapped, the speech defective, the behavior problem, the delinquent, the nonreader, the poor speller, and the child with unusual difficulties in arithmetic. How to recognize exceptional children and the physical and mental characteristics of such cases. How best to train such children with a view to minimizing developmental defects. The proper care and training, curriculum content, and methods of instruction for the superior child. Dr. Martin. Wednesday, 7:15, room 113.

Ed 464p. **Remedial Reading.** (G) Winter and spring terms, 2 hours each term.

The psychological basis for teaching reading; typical reading difficulties and their causes; and an evaluation of various diagnostic and remedial methods used in treating reading disabilities. Assistant Professor Montgomery. Monday, 7:15, room 202.

IEd 472p. **Trade Analysis.** Fall and winter terms, 2 hours each term.

Selection of content in mathematics, drawing, and science, for presentation as supplementary subjects in the Smith-Hughes vocational program; methods of organizing and presenting this subject matter in trade and industrial classes. Prerequisite: suitable preparation in mathematics, drawing, and science, and consent of instructor. Assistant Professor Meyer. Friday, 7:15, room 105.

Ed 476p. **School Organization: Teacher Personnel Problems.** Fall term, 2 hours.

The structure and functioning of society, as a background for the study and evaluation of education in its varied forms. Emphasis on the relationship of the teacher and the teaching profession to the general environment, social structure, and group thinking. The cooperative personality of the teacher; collaboration in public school policies; participation in administration; group organization; budgets, salaries, tenure, retirement, legislation, and other problems of the teacher; welfare in the relationship to the general social structure. Professor Inlow. Thursday, 4:15, room H, Central library.

Ed 485p. **Guidance and Personnel Practices.** (G) Fall term, 2 hours.

An introduction to the field of guidance and counseling. The development of the guidance movement; means and methods of assisting students with their personal and vocational problems and the policies necessary on the part of the school. Prerequisite: Ed 311, 312, 313. Professors Salser, Chambers, Assistant Professor Sherburne. Tuesday, 7:15, room 104.

Ed 487p. **Counseling.** (G) Winter term, 2 hours.

Aims to give prospective counselors, administrators, teachers, and parents an acquaintance with mental, achievement, trade, and other tests; practice in the administration of such tests; problems of classification; methods used in educational and vocational counseling. Prerequisite: Ed 485p, or consent of instructor. Professor Salser. Tuesday, 7:15, room 104.

## GRADUATE COURSES

Ed 503. **Thesis.** Three terms, hours to be arranged.

Dean Jewell and staff. Saturday, 9:15 a.m., room B. Central library.

Ed 507. **Seminar.**

**Education.** Three terms, 2 or 3 hours each term.

For graduate students in education. Dean Jewell. Saturday, 9:15 a.m., room B, Central library.

**Mental Hygiene for Teachers.** Spring term, 2 hours.

A seminar for teachers who feel the need of better understanding of student maladjustments. Opportunity will be offered for the consideration of problem cases in the light of the various schools of thought which have influenced the development of the mental-hygiene program. Professor Chambers. Tuesday, 7:15, room 104.

Ed 546p. **Philosophy of Education.** Fall and winter terms, 2 hours each term.

Study of the broad fundamental principles and problems of education, with some attempt at their solution. The meaning of philosophy; the philosophy of education; principal rules, formulae; the value of a correct philosophy of education for the teacher and school administrator. Dean Jewell. Friday, 7:15, room 113.

## ENGINEERING

INSTRUCTOR: TAYLOR

## LOWER DIVISION COURSE

ME 461p. **Heating and Air Conditioning.** Fall and winter terms, 2 hours each term.

*Fall term:* A general course in the field of air conditioning. A survey of its present-day uses and applications. Definition of terms. Fundamental theory of air and heat behavior. Methods of heating and ventilating. Heating and ventilating requirements and calculations. Design of simple heating and ventilating systems. Equipment selection. Problems in practice.

*Winter term:* Practical study of the psychometric chart and its applications. Cooling and dehumidifying system design. Year around air conditioning system design and installation. Testing and adjusting. Plan and specification analysis. Present-day trends.

Monday, 7:15, room 113.

## ENGLISH

PROFESSORS: ERNST, PARSONS. ASSISTANT PROFESSOR: COLLIER. INSTRUCTOR: CULVER

## COURSES IN LITERATURE

## LOWER DIVISION COURSES

Eng 101, 102, 103. **Survey of English Literature.** Three terms, 2 hours each term.

From Beowulf to the present.

*Fall term:* Beowulf to John Donne.

*Winter term:* From the Jacobean era to Dr. Samuel Johnson.

*Spring term:* From Blake and Burns to the Victorians.

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.

Professor Parsons. Wednesday, 7:15, room 107.

Eng 201, 202, 203. **Shakespeare.** Three terms, 2 hours each term.

Twenty 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. Textual matters and sources will be considered and critical bibliography will be suggested. Consistent effort will be made to find the individual Shakespeare in his work. Designed to meet the needs of English majors and those who wish to fulfill a norm in English. Professor Parsons. Friday, 7:15, room 107.

## UPPER DIVISION COURSES

GL 343p, 344p, 345p. **German Literature.** Three terms, 2 hours each term.

See description under German.

Eng 357p, 358p, 359p. **European Novel.** Three terms, 2 hours each term.

A comparative study of the novel in England and the European countries of its major development, during the periods beginning toward the middle of the eighteenth century and concluding in the twentieth century.

*Fall term:* Novelists of the eighteenth century and their influence upon and counter-balance with sentimentalism and romanticism.

*Winter term:* Fiction at the height of romanticism in England and Europe through study of examples chosen for comparative purposes.

*Spring term:* The realistic and naturalistic novel of the late nineteenth century and the twentieth, with some consideration of the fiction of the present time.

Professor Parsons. Tuesday, 4:15, room B, Central library.

Eng 434p, 435p, 436p. **English Drama.** (G) Three terms, 2 hours each term.

This course deals with the development of an art form and with the expression in dramatic form of human problems and ideals. It includes a study of the evolution of the theatre and the stage.

*Fall term:* A short review of classical plays. The beginnings of English drama. The mystery, morality, and interlude. The pre-Shakespearean dramatists, Shakespeare's contemporaries, and Jacobean playwrights.

*Winter term:* The closing and reopening of the theatres. Restoration drama. The moral awakening and the sentimental play. The burlesque and ballad opera. The revolt against sentimentalism in the comedies of Goldsmith and Sheridan.

*Spring term:* The main tendencies in nineteenth century and contemporary drama. The closet drama and the melodrama. Modern realism and the

problem play. The drama of ideas. The neo-romantic revolt. Expressionism and other recent experiments.

Professor Ernst. Friday, 7:15, room 114.

Eng 444p, 445p, 446p. **Eighteenth-Century Prose.** (G) Three terms, 2 hours each term.

Prose writing of the various types from Dryden through Johnson, with consideration of the social psychology manifest through this journalistic age and on into the romanticism incidental to revolutionary moods and theories. The leaven of philosophical ideas from Hobbes to Hume and Berkeley will be discussed. Dr. Johnson and his circle will be viewed and integrated. Professor Parsons. Tuesday, 7:15, room 107.

#### GRADUATE COURSES

Eng 503. **Thesis.** Three terms, time and hours to be arranged.

Professors Ernst and Parsons. Saturday, 9:15, room E, Central library.

Eng 507p. **Seminar.** Three terms, 2 or 3 hours each term.

Professor Ernst. Saturday, 9:15, room E, Central library.

Eng 507. **Seminar.**

**Special Authors.** Three terms, 2 or 3 hours each term.

Poets, dramatists, writers of fiction and of essays will be considered to compensate graduate students in respect to needs in the fields concerned. Assignment readings, reports, and personal discussions. Professor Parsons. Thursday, 7:15, room 107.

#### COURSES IN WRITTEN ENGLISH

**NOTE:** Students may take 6 hours of *English Composition* plus 4 hours of *Vocabulary Building* or *Good Usage in Speech and Writing*, to fulfill the Written English requirement.

#### LOWER DIVISION COURSES

Eng 111, 112, 113. **English Composition.** Three terms, 2 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. Section 1, Mrs. Culver, Wednesday, 7:15, room 110. Section 2, Assistant Professor Collier, Friday, 7:15, room 103. Section 3 (*for new students in winter and spring terms*), Mrs. Culver, Thursday, 7:15, room 108.

Eng 114p, 115p, 116p. **Vocabulary Building.** Three terms, 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, 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. Regular practice in writing. Assistant Professor Collier. Tuesday, 7:15, room 103.

Eng 117p, 118p, 119p. **Good Usage in Speech and Writing.** Three terms, 2 hours each term.

This is a practical course in everyday English. It 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. Mrs. Culver. Monday, 7:15, room 110.

Eng 217p. **Business English.** Fall and winter terms, 2 hours each term.

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. Assistant Professor Collier. Wednesday, 7:15, room 103.

Eng 220p, 221p, 222p. **Creative Writing.** Three terms, 2 hours each term.

A course in which emphasis is placed on the development of ideas and their effective presentation. Practice in writing in the various literary forms, both informative and imaginative, develops facility and enables the student to discover his individual mode of expression. An appreciation of literary technique is acquired through the analytical study of the style of present day writers. Group discussion and individual conferences aid the student in the development of his original powers. Mrs. Culver. Tuesday, 7:15, room 108.

#### UPPER DIVISION COURSES

Eng 311p. **Advanced Short-Story Writing: Juvenile Writing.** Fall term, 2 hours.

The juvenile as a specialized field of creative writing. Style, subject matter, technical development, analysis of action. Some attention to nonfiction and to serials. Contemporary tendencies in the juvenile field, including an examination of a group of stories from current magazines or books published in Germany, France and England. Students will study markets and will receive constant practice in writing short or long stories and articles. Mrs. Culver. Thursday, 7:15, room 108.

Eng 312p, 313p. **Advanced Short-Story Writing.** Winter and spring terms, 2 hours each term.

Consideration of manuscripts; class discussion; problems of availability from the publishing point of view. Professor Parsons. Monday, 7:15, room 107.

Eng 317. **Versification.** Fall term, 2 hours.

A course which aims at comprehension of the art and aesthetics of poetry with study of selected models and practice in the writing of verse of various form. Professor Parsons. Monday, 7:15, room 107.

#### SERVICE DEPARTMENT

##### Manuscript Criticism.

A service for the benefit of writers who wish competent and professional criticism of their manuscripts in prose and verse. Arrangements may be made through the Portland Center office.

Novel, short story, or book of non-fiction: \$5 for 3,000 words or less, and \$1 for each additional thousand.

Verse: \$8 for six or less short poems not exceeding a double-spaced page each and submitted together; \$10 for a book of verse not to exceed 50 double-spaced pages.

**FORESTRY****THREE WEEKS COURSE**

The Portland Center and the School of Forestry, in cooperation with the Regional Forest Office, have arranged a three-week, full-time course to be carried on daily five days a week, from January 8 to January 26.

The course will be given by authorities in Oregon State College, the University of Oregon, the General Extension Division, the Forest Service, and by leaders in industry and public service. The following four main topics will be considered:

1. The economic relation of industry and government.
2. Organization in industry.
3. Human relations.
4. Public service.

The course will be given in the Central library, room B, from 9:00 a.m. to 12:00 noon and from 1:30 p.m. to 4:30 p.m. daily. Registration fee is \$15.00. Those wishing college credit will register in F417p, F418p. *Regional Forestry*, two to four hours credit.

**FRENCH**

INSTRUCTOR: BEATTIE

NOTE: Two years of a two-hour Portland Center language course, or twelve hours, is the equivalent of one year of college language at the University or State College.

**LOWER DIVISION COURSES**

RL 1, 2a. **First Course in French.** Three terms, 2 hours each term.

The essentials of French grammar. Translation of short English sentences into idiomatic French and simple French prose into English. Composition will accompany the reading. Abundant and systematic practice in conversation; special emphasis on pronunciation. Tuesday, 7:15, room 116.

RL 2b, 3. **Second Course in French.** Three terms, 2 hours each term.

This course reviews and extends considerably the knowledge of grammatical principles and the irregular verbs acquired in the previous course. More formal exercises in pronunciation, and a study of idioms used in conversational French. Constant reading of simple texts, and sight work to develop in the student ability to read easy French without recourse to English. Conversation. Wednesday, 7:15, room 116.

RL 4, 5a. **Third Course in French.** Three terms, 2 hours each term.

Grammar is used only for references with composition work largely replacing grammatical exercises. Continuation of exercises in French pronunciation. More time allotted to practical French conversation. A thorough and systematic drill on French idioms used in conversational French. Friday, 7:15, room 116.

RL 5b, 6. **Fourth Course in French.** Three terms, 2 hours each term.

Exercises omitted in French composition will be completed. French conversation will be greatly extended. Lessons on French idioms; readings in French prose. Monday, 7:15, room 116.

**UPPER DIVISION COURSES**

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

Presupposes some 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. Wednesday, 4:15, room D, Central library.

RL 420p, 421p, 422p. **Modern French Drama and Lyric Poetry.** Three terms, 2 hours each term.

The class will be conducted entirely in French. Lectures, book reports, and class discussion. Dramatists and poets included will be: Rostand, Anatole France, Brioux, Courteline, Porto-Riche, Donnay, Claudel, Bernstein, Bourget, Bataille, Guitry, Giraudoux, Mauriac, Valery, de Noailles, Fort, and others. Thursday, 7:15, room 116.

**GENERAL STUDIES**

ADVISER: BERELSON.

**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.

**GEOLOGY**

PROFESSOR: HODGE.

**LOWER DIVISION COURSE**

G 201p, 202p. **General Geology.** Three terms, 2 hours each term.

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, room 110.

**GERMAN**

PROFESSOR: SPAULDING.

NOTE: Two years of a two-hour Portland Center language course, or twelve hours, is the equivalent of one year of college language at the University or the College.

**LOWER DIVISION COURSES**

GL 1, 2a. **First Course in German.** Three terms, 2 hours each term.

Essentials of German grammar. Simple composition and conversation. Monday, 7:15, room 204.

GL 2b, 3. **Second Course in German.** Three terms, 2 hours each term.

This course extends considerably the study of grammar in the *First Course*. Translation of easy prose and poetry. Simple conversation and composition. Tuesday, 7:15, room 202.

GL 4, 5a. **Third Course in German.** Three terms, 2 hours each term.

Review of grammar; reading of advanced texts. Advanced composition. Wednesday, 7:15, room 202.

**GL 5b, 6. Fourth Course in German.** Three terms, 2 hours each term.

This course continues and completes the equivalent of two years of college German. Thursday, 7:15, room 202.

#### UPPER DIVISION COURSES

**GL 334, 335, 336. German Conversation and Composition.** Three terms, 2 hours each term.

Timeliness and general interest in German life will be a common characteristic of the material. Open to qualified students. Required of students who wish to teach German. No credit allowed unless two terms are taken. Friday, 7:15, room 104.

**GL 343p, 344p, 345p. German Literature.** Three terms, 2 hours each term.

General view of German literature, with readings in English of masterpieces of various periods. A special review of German literature. Emphasis to be laid on the folk epic, the court epic and minnesingers, outstanding figures of the renaissance and reformation and of the Thirty Years' War, the rationalism and classicism of the eighteenth, and the romanticism and realism of the nineteenth centuries, with some consideration of the twentieth century and contemporary literature. Saturday, 9:15 a.m., room D, Central library.

### HISTORY

PROFESSORS: R. C. CLARK, DAN E. CLARK, GOLDENWEISER. ASSISTANT PROFESSOR: REID.

#### UPPER DIVISION COURSES

**Hst 343p. Modern Europe Since 1914.** Fall and winter terms, 2 hours each term.

The history of Europe from the beginning of the World War to the present, with emphasis on political, economic, and cultural developments. The effects and results of the war; the revolutions and peace settlements; the postwar period, League of Nations, and anti-war efforts; and the breakdown to the status quo since 1931. Assistant Professor Reid. Monday, 7:15, room 111.

**Hst 373p-a. History of the United States, 1898-1917.** Fall term, 2 hours.

The Spanish-American War, the United States in transition at the turn of the century, the Progressive era, Wilsonian democracy, and the effects of the World War in the United States before 1917. Professor Dan E. Clark. Friday, 7:15, room 111.

**Hst 373p-b. History of the United States, 1917-1939.** Winter term, 2 hours.

The United States in the World War, foreign affairs since 1918, the quest for normalcy, the great depression, the New Deal. Professor Dan E. Clark. Friday, 7:15, room 111.

**Hst 377p. History of Oregon.** Spring term, 2 hours.

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. Professor R. C. Clark. Friday, 7:15, room 111.

**Hst 457p. Russian History: Survey to the Nineteenth Century.** (G) Fall term, 2 hours.

From the earliest times to the nineteenth century. The archaeology of the ancient Russian plain. The Kiev period. The Mongolian invasion. The Moscow period. The Ivans and the early Romanovs. The St. Petersburg period: Peter I and Catherine II. Professor Goldenweiser. Tuesday, 7:15, room 112.

**Hst 458p. Russian History: Nineteenth Century Literature and Society.** (G) Winter term, 2 hours.

Nineteenth century culture as reflected in literature. The opening of the century: Pushkin, Griboyédov, Lérmontov, Gógol. The "men of the forties" and literary critics. The classical novelists: Turgénev, Tolstoy, Dostoévski, Goncharóv. Satire and drama: Shchedrín and Ostróvsky. End of the century: Nekrásov, Korolénko, Chékhov, Gorki, Andréyev. Professor Goldenweiser. Tuesday, 7:15, room 112.

**Hst 459p. Russian History: Revolution and the Soviet Union.** (G) Spring term, 2 hours.

Uprisings before the twentieth century. The World War and the 1917 Revolutions. The Civil War and the interventionists. The political, economic and communistic organizations of the Soviet Union. The five-year plans and collectivization of the farms. Russian culture under the soviets. Recent tendencies and future prospects. Professor Goldenweiser. Tuesday, 7:15, room 112.

**Hst 478p. History of Political Parties in the United States.** (G) Fall term, 2 hours.

Origin and history of political parties; issues, policies, presidential campaigns and campaign methods; methods of nomination; minor parties. Professor Dan E. Clark. Saturday, 9:15 a.m., room F, Central library.

**Hst 479p. Forces and Influences in American History.** (G) Winter term, 2 hours.

Geographic influences, influence of the frontier, inheritance and tradition, immigration, nationalism, sectionalism, manifest destiny, economic forces, democracy, leadership, etc. Professor Dan E. Clark. Saturday, 9:15 a.m., room F, Central library.

**Hst 495p, 496p. Cultural History of China and Japan.** (G) Fall and winter terms, 2 hours each term.

A study of the origin, development, and influence of factors shaping the culture and the civilization. The subject will be considered chronologically by dynastic periods, with a survey of political, philosophical, literary, artistic, and other prominent phases of cultural growth or change. Assistant Professor Reid. Monday, 4:15, room B, Central library.

#### GRADUATE COURSES

**Hst 501. History Research.** Three terms, 2 or 3 hours each term.

Professor Dan E. Clark. Saturday, 11:15, room F, Central library.

**Hst 503. Thesis.** Spring term, hours to be arranged.

Professor R. C. Clark.

**Hst 505. Reading and Conference.** Three terms, 2 or 3 hours each term.

Professor Dan E. Clark. Saturday, 11:15, room F, Central library.

**HOME ECONOMICS**

ASSISTANT PROFESSOR: HAMMOND. INSTRUCTOR: ROBINSON.

## UPPER DIVISION COURSES

Had 340p. **Household Management.** Winter and spring terms, 2 hours each term.

Problems arising in the management of a home; special consideration to the management of money and of time. Assistant Professor Hammond. Wednesday, 4:15, room G, Central library.

\*FN 211p, 212p. **Foods.** Fall and winter terms, 3 hours each term.

An introduction to the subject of foods; selection, preparation, and service. Mrs. Robinson. Tuesday, 7:15, room 105.

\*FN 411p. **Food Purchasing.** Fall and winter terms, 2 hours each term.

Household purchasing; study of standards, grades, and qualities of food products as found on the market; factors governing cost; food laws; the ethics of food buying and selling. Mrs. Robinson. Tuesday, 7:15, room 105.

**HORTICULTURE**

PROFESSOR: BOUQUET.

## LOWER DIVISION COURSE

Hrt 111p. **Elements of Horticulture: Home Gardening.** Winter term, 2 hours.

A lecture and discussion course dealing with horticultural crops in the home garden. Subjects discussed include soil types and improvement, fertilizers, varieties of crops, methods of planting, greenhouse and frame management, plant growing, irrigation, insect and disease control, maintenance operations, etc., in relation to vegetable crops, annual and perennial flowers, and small fruits. Demonstrations. Required collateral reading for credit. Tuesday, 7:15, room 114.

**LANDSCAPE ARCHITECTURE**

PROFESSOR: PECK.

## LOWER DIVISION COURSE

LA 179p. **Landscape Architecture.** Fall and winter terms, 2 hours each term.

A lecture course planned to meet the needs of the individual looking forward to developing or altering his own home grounds. Introductory. Elementary drawing and indication on landscape plan. Method of planning and locating walks, drives, plantings, and organization of ground areas in their relation to the floor plan of the house. Plant material discussions. Required reading for those who take this course for college credit. Friday, 7:15, room 317.

\* Either FN 211p, 212p or 411p will be given, but not both.

**MATHEMATICS**

PROFESSOR: PRICE.

## LOWER DIVISION COURSE

Mth 106p. **Plane Trigonometry.** Fall and winter terms, 2 hours each term.

Definitions and properties of the trigonometric functions; a study of the unit circle, identities and equations; radian measure; inverse functions; addition formulas; double angle and half angle formulas; solution of right and oblique triangles; logarithms; applications. Wednesday, 7:15, room 205.

## UPPER DIVISION COURSES

Mth 337p. **Elements of Statistics.** Winter and spring terms, 2 hours each term.

Collection, tabulation, and graphical presentation of statistical data; frequency distributions; measures of central tendencies (averages); dispersion; skewness; time series; index numbers; linear correlation and regression. Necessary topics from algebra taught along with statistical material. Prerequisite: one year of high school algebra. Thursday, 7:15, room 113.

Mth 441p, 442p. **Mathematical Theory of Statistics.** (G) Fall and winter terms, 2 hours each term.

Statistical constants; simple and multiple correlations; theory of sampling; frequency curves; significance tests. Prerequisite: calculus. Wednesday, 7:15, room 205.

**MUSIC**

INSTRUCTORS: CAMPBELL, DUNCAN

## LOWER DIVISION COURSES

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

A general survey of the great music of the world for solo instrument, voice, chorus, chamber music ensembles, orchestra and opera. Primarily intended to promote appreciation and to enhance pleasure in good music through intelligent listening, with consideration of many representative works as to their history, structure, and expressive content. Each work studied will have illustration through actual performance, recordings, or on concert and symphony programs of the season. Mr. Campbell. Monday, 7:15, room 115.

Mus 211p, 212p, 213p. **Second-Year Harmony.** Three terms, 2 hours each term.

Continuation of First-Year Harmony. Increased use of secondary and chromatically altered chords in harmonization. Modulation. Harmonic analysis. Elements of melodic structure and formal analysis. Harmonizing of original melodies. Ear-training in the recognition of chord progressions and modulations. Keyboard drill in the playing of chord patterns. Prerequisite: Elementary Harmony. Mr. Campbell. Wednesday, 7:15, room 115.

Mus 317p, 318p, 319p. **Public-School Music.** Three terms, 2 hours each term.

A specific study of materials and methods suitable for the public schools, from the standpoint of teachers and supervisors. Problems peculiar to each grade, including singing, activity, directed listening, and creativeness in an integrated program. Mr. Duncan. Thursday, 7:15, room 115.

## UPPER DIVISION COURSES

**\*Mus 414. Strict Counterpoint.** Fall term, 2 hours.

"Student counterpoint" covering the five species for two, three, and four voices. This course is preparatory to the study of free or harmonic counterpoint. Mr. Campbell. Tuesday, 7:15, room 115.

**\*Mus 415, 416. Harmonic Counterpoint.** Winter and spring terms, 2 hours each term.

Freer use of contrapuntal resources in rhythms, dissonance, and chromaticism. Emphasis on the harmonic approach with much analysis supplementing the creative work. Mr. Campbell. Tuesday, 7:15, room 115.

## NURSING EDUCATION

PROFESSOR: THOMSON.

## UPPER DIVISION COURSE

**Nur 490p. Advanced Public Health.** Fall term, 2 hours.

Methods of control of communicable diseases, methods of dealing with special health problems, maternal and infant care, venereal diseases, organization of state and local health departments. Required reading, preparation of a case study, term paper or project to be completed at the end of the third term. Registration is open to all of the public health nurses in the state upon approval of the instructor and the division of Public Health Nursing, Oregon State Board of Health. Eight meetings of three hours each during the fall, winter and spring terms, held in Portland, The Dalles, Bend, Klamath Falls, Oregon City, Eugene, La Grande, and Roseburg.

## NUTRITION

ASSOCIATE PROFESSOR: MANVILLE.

## UPPER DIVISION COURSE

**Nur 327p. Human Nutrition.** Three terms, 2 hours each term.

The sequence of term assignments is arranged in such a manner as to give the student a clear understanding of the foundation upon which all nutrition rests and the principles involved in maintaining and in assessing it. At the same time, the subject matter is sufficiently segregated to allow students to register any term.

*Fall term:* Diet Formulation. The human body from the viewpoint of its energy requirements. The theory and practice of determining the metabolic rate as a method for determining the fuel requirements at rest and at work. Actual determinations of the metabolic rate, with practice in the use of prediction tables.

*Winter term:* Balanced Diets. A study of the several "balances" of the twenty-four hour food intake. A "dietary diary" is kept and the result is assessed or "scored" as a measure of its adequacy. Food accessories, such as vitamins and minerals, are studied, not as sources of energy but as nutritional regulators.

*Spring term:* Food values. The dietary uses and nutritional values of proteins, fats, and carbohydrates are discussed. Special nutritional requirements for the maintenance of health and the prevention of disease are also studied.

\* Mus 414, 415, 416 will be given only in case of sufficient demand.

Emphasis is placed, in addition, on the relationship of nutrition to public health and upon nutritional hygiene.

Thursday, 7:15, room 114.

## PHILOSOPHY

PROFESSOR: GOLDENWEISER.

## UPPER DIVISION COURSE

**Phi 411p, 412p, 413p. Six Modern Philosophers.** Three terms, 2 hours each term.

A group of modern philosophers: William James, Henri Bergson, John Dewey, Bertrand Russell, George Santayana, Morris Raphael Cohen.

*Fall term:* James, the pluralist; Bergson, the intuitionist. A brief review of the history of philosophical thought. James as a psychologist. His pluralism. His pragmatism. The conquests of a personality. Bergson versus science. His theories of mind and memory. His views of morality and religion. His impact upon America.

*Winter term:* Russell, the logician; Dewey, the instrumentalist. Russell as mathematician, scientist, philosopher. Russell as social reformer. His views of morality and education. "What I believe." Dewey's debt to James. *His Experience and Nature, the Quest for Certainty, and Logic.* Dewey as educator. His political views. A critique of instrumentalism.

*Spring term:* Santayana, the philosopher-poet; Cohen, the critic. The philosophy of Reason and the philosophy of Realms. Santayana's thought as exalted common sense. Santayana as poet and critic. Must a philosopher be detached? Cohen's *Reason and Nature*. His *Law and the Social Order* and *Logic and Scientific Method*. Why Cohen has no system of philosophy. The role of philosophy in culture.

Thursday, 4:15, room G, Central library.

## PHYSICAL EDUCATION

ASSISTANT PROFESSOR: MASSEY. INSTRUCTORS: LENSCH, LOGAN.

## UPPER DIVISION COURSES

**PE 341p, 342p, 343p. Physical Education Theory.** Three terms, 2 hours each term.

A sequence to focus all phases of the health and physical education curriculum upon the professional functions of physical education. These functions are emphasized in training for competence in such aspects of physical education as: intramural sports, recreation, teaching methods and programming, equipment, plant and field problems, and interschool activities. Assistant Professor Massey. Friday, 7:15, room 115.

**PE 363p. School Health Education.** Fall and winter terms, 2 hours each term.

Part of a sequence making up a comprehensive core in the materials and methods of school health education—in its three phases of health service, health supervision, and health instruction. Such functional knowledges and skills as school nutrition, safety education, social hygiene, history of pre-

ventive medicine, control of infection in schools, health examinations, normal diagnosis, and health survey procedures are selected to prepare the student as a health teacher and counselor in the high schools. Miss Logan. Tuesday, 7:15, room 203.

Note: PE 363p is a continuation of PE 361p, 362p, given 1938-39, but is open to students who later plan to take PE 361p, 362p.

**PE 324p, 325p, 326p. Rhythmic Activities.** Three terms, 1 hour each term.

Presentation of rhythms, dramatic plays, folk dances, and fundamental movements suitable for the development and interest of the elementary grades. Sources, classification, and adaptation of material for program purposes; principles of progression; analysis and selection of music for various levels of instruction. For elementary teachers in lower grades and others working with small children. Miss Lensch. Monday, 7:15, Gymnasium.

**PE 431p. Technique of the Dance.** Fall and winter terms, 2 hours each term.

Presents the dance from the standpoint of its contribution to all age levels, and its use in education and physical education. An intensive study of techniques, elements of rhythmic and musical pattern; materials of design and composition. Simplicity, directness, and freedom of movement that characterizes the study of the modern dance. Percussion techniques of simple and advanced groupings will be analyzed. Miss Lensch. Wednesday, 7:15, Gymnasium.

### PHYSICS

INSTRUCTOR: REID.

**Ph 361p, 362p. Photography.** Fall and winter terms, 2 hours each term.

A study of the theory of photography, with special reference to miniature camera technique. Negative making, developing and printing, toning, enlarging. Composition, indoor lighting, copying. Attention will be given to color photography and motion pictures. Prerequisite: Photographic experience satisfactory to the instructor. Monday, 7:15, room B.

### PSYCHIATRY

INSTRUCTOR: HUTCHENS.

#### LOWER DIVISION COURSE

**Ps 206p. Child Psychiatry.** Fall and winter terms, 2 hours each term.

Considerations will be given to the principles of personality development as observed in the child. The problems of maladjustment of children are considered from the standpoint of the complaint factor and reasons for the development of certain types of behavior. Wednesday, 7:15, room 204.

### PSYCHOLOGY

INSTRUCTORS: HUDDLESON, HULIN.

#### LOWER DIVISION COURSE

**Psy 201, 202, 203. General Psychology.** Three terms, 2 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. Dr. Hulin and Dr. Huddleson. Section 1, Dr. Hulin, Monday, 7:15, room 114. Section 2, Wednesday, 7:15, room 111. Section 3, for student nurses, Medical School, Dr. Huddleson, Friday, 3:00, alternate Wednesdays, 3:00, Medical School. 3 hours each term.

#### UPPER DIVISION COURSES

**Psy 334p, 335p. Social Psychology.** Three terms, 2 hours each term.

The psychology of social relationships as revealed in public opinion, rivalry and mutuality. How to influence society. Dr. Hulin. Tuesday, 7:15, room 110.

#### GRADUATE COURSE

**Psy 501. Research.** Three terms, 2 hours each term.

Original work on a special problem of an advanced nature. Dr. Hulin. Tuesday, 4:15, room C, Central library.

### PUBLIC SPEAKING

ASSISTANT PROFESSOR: COLLIER. INSTRUCTOR: MATSON.

#### LOWER DIVISION COURSES

**Eng 130p. Extempore Speaking.** Spring term, 2 hours.

Study of the elements of extemporaneous speeches: voice training, bodily action; sense of communication; selection of subject; organization of material; principles of effective wording. Ample practice in the construction and delivery of original speeches. Intended to develop the direct, conversational style of speaking. Assistant Professor Collier. Wednesday, 7:15, room 103.

**Eng 133p, 134p, 135p. Fundamentals of Public Speaking.** Three terms, 2 hours each term.

The study and practice of fundamentals: action, voice, diction, selection of subjects, outlining, organization. Speeches by students coordinated with text. 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. Assistant Professor Collier. Monday, 7:15, room 103.

**Eng 141p, 142p, 143p. Voice and Diction.** Three terms, 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. Mr. Matson. Section 1, Monday, 7:15, room 108. Section 2, Wednesday (Monday, spring term), 7:15, room 108.

#### UPPER DIVISION COURSES

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

A practical course with emphasis on actual speaking. Poise on the floor; improvement of diction and voice; organization of speech material and presentation in direct conversational style. Persuasion in speaking. Sales



talks. Adjustment to groups and audiences. Study of motives that impel men to action, and ways of reaching these motives. Methods of securing favorable attention. No text will be required in this course, but a small fee will be charged for mimeographed material. Assistant Professor Collier. Thursday, 7:15, room 103.

**Eng 333p. Conduct of Group Discussion.** Spring term, 2 hours.

Continuation of Eng 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. Assistant Professor Collier. Thursday, 7:15, room 103.

## SOCIOLOGY

PROFESSORS: GLOYN, GOLDENWEISER.

### LOWER DIVISION COURSE

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

*Fall term:* The factors on the basis of which social groups are formed: locality, blood (family, clan, relationship), age, generation, sex. Groups of status and groups of function. Mechanisms employed by society to solidify social groups: education, myths (theology and dogma), ceremonies, symbolism, clothes.

*Winter term:* Leadership and Conflict. Forms of leadership in society: leadership of merit and of status. Social classes. A short history of war, sociologically considered. Property, its inheritance and ramifications. Social problems in modern western society.

*Spring term:* Sociology of Education. Back-minded and forward-minded education. Education and social change. The underlying principles of progressive education: what can it give us? Progressive society, a definition. How can we make it a reality?

Section 1, Professor Goldenweiser, Thursday, 7:15, room 112. Section 2, for student nurses, Medical School. Professor Gloyd, Monday, 3:00, alternate Wednesdays, 3:00, Medical School. 3 hours each term.

### UPPER DIVISION COURSES

**Soc 405. Reading and Conference.** Hours to be arranged. Professor Goldenweiser.

**Soc 451p-a. History of Social Thought: Greece and Alexander the Great.** (G) Fall term, 2 hours.

The World of Homer. Building the Greek states, up to the Persian Wars. The fourth and fifth centuries: Pericles and his time; artists, musicians, philosophers, politicians of the City State; Athens and Sparta; Socrates, Plato and Aristotle. Greece and Macedonia under Philip and Alexander. The invasion of Asia. The Hellenization of the world. Professor Goldenweiser. Wednesday, 7:15, room 112.

**Soc 451p-b, 452p-a. History of Social Thought: The Renaissance.** (G) Winter term, 2 hours.

Dante and the Middle Ages. Petrarch and the classical renaissance. Re-

surge of individualism. The artists: Leonardo da Vinci, Michelangelo, Raphael. Guilds versus the merchant-capitalist. The Papacy. Religion and politics: Savonarola and Machiavelli. Science: Copernicus, Kepler, Galileo. Professor Goldenweiser. Wednesday, 7:15, room 112.

**Soc 452p-b. History of Social Thought: Eighteenth Century and the French Revolution.** (G) Spring term, 2 hours.

The inspirers: Voltaire and Rousseau. The "liberal" autocrats: Frederick II and Catherine the Great. Scientists and philosophers: the Great Encyclopaedia. The social conditions of France on the eve of the great upheaval. The Revolution: rise, upswing, downswing, wake. Professor Goldenweiser. Wednesday, 7:15, room 112.

### GRADUATE COURSES

**Soc 503. Thesis.** Hours to be arranged. Professor Goldenweiser.

**Soc 507. Seminar.** Three terms, 2 or 3 hours each term.

Social theory for master's candidates. Professor Goldenweiser. Saturday, 9:15 a.m., room G, Central library.

## ZOOLOGY

ASSISTANT PROFESSOR: GORDON. INSTRUCTORS: FOULK, TAYLOR.

### LOWER DIVISION COURSE

**Z 201, 202, 203. General Zoology.** Three terms, 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 states in the development of the chick are studied. *Laboratory fee, \$3.*

Lecture, Assistant Professor Gordon (fall and winter terms), Dr. Taylor (spring term). Tuesday, 7:15, room 317. Laboratory, Mr. Foulk. Thursday, 7:15, room 316.

# Schedule of Classes

LINCOLN HIGH SCHOOL  
(S. W. Park and Market Streets)

MONDAY, 7:15 P. M.

Course	Instructor	Room
ANTHROPOLOGY Anth 441p, 442p, 443p. Anthropology: Racial Facts and Theories .....	Goldenweiser .....	112
ART AA 286p. Design II: Creative Design for Public School (winter term) .....	Schulderman .....	301
BACTERIOLOGY Bac 348p, 349p. Bacteriology and Communicable Diseases ..	Sears .....	317
BUSINESS ADMINISTRATION BA 489p, 440p, 441p. Advertising .....	Kuhn .....	105
BA 481p. Property Insurance .....	.....	203
BA 482p. Real Estate: Appraisals (fall term) .....	Holbrook .....	104
BA 487p. Auditing (fall term) .....	Janney .....	106
BA 496p, 497p. Federal and State of Oregon Taxation (win- ter and spring terms) .....	Janney .....	106
DRAMA Eng 141p, 142p, 143p. Voice and Diction .....	Matson .....	108
EDUCATION Ed 422p. Teaching of Art: Creative Art Expression (fall term) .....	Wuest .....	301
Ed 464p. Remedial Reading (G) (winter and spring terms) ..	Montgomery .....	202
ENGLISH Eng 117p, 118p, 119p. Good Usage in Speech and Writing ..	Culver .....	110
Eng 812p, 813p. Advanced Short Story Writing (winter and spring terms) .....	Parsons .....	107
Eng 317. Versification (fall term) .....	Parsons .....	107
ENGINEERING ME 461p. Heating and Air Conditioning (fall and winter terms) .....	Taylor .....	113
FRENCH RL 5b, 6. Fourth Course in French.....	Beattie .....	116
GERMAN GL 1, 2a. First Course in German.....	Spaulding .....	204
HISTORY Hst 343p. Modern Europe Since 1914 (fall and winter terms) .....	Reid .....	111
MUSIC Mus 127p, 128p, 129p. Appreciation of Music.....	Campbell .....	115
PHYSICAL EDUCATION PE 324p, 325p, 326p. Rhythmic Activities .....	Lensch .....	Gym
PHYSICS Ph 361p, 362p, 363p. Photography (fall and winter terms) ..	Reid .....	B
PSYCHOLOGY Psy 201, 202, 203. General Psychology .....	Huddleson and Hulin.....	114
PUBLIC SPEAKING Eng 133p, 134p, 135p. Fundamentals of Public Speaking.....	Collier .....	108
Eng 141p, 142p, 143p. Voice and Diction.....	Matson .....	108

TUESDAY, 7:15 P. M.

BACTERIOLOGY Bac 350p. Public Health (fall term).....	Weinzirl .....	204
BUSINESS ADMINISTRATION BA 436p. Merchandising (G) (winter and spring terms)....	Comish .....	118
BA 484p. Marketing Methods (fall term) .....	Comish .....	114
BA 442p. Salesmanship (spring term) .....	Comish .....	118
BA 490, 491, 492. Advanced Accounting Theory and Practice ..	Janney .....	106
EDUCATION Ed 485p. Guidance and Personnel Practices (G) (fall term) ..	Salser .....	104
Ed 487p. Counseling (G) (winter term) .....	Salser .....	104
Ed 507. Seminar. Mental Hygiene for Teachers (spring term) .....	Chambers .....	104

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## SCHEDULE OF CLASSES

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Course	Instructor	Room
ENGLISH Eng 114p, 115p, 116p. Vocabulary Building .....	Collier .....	108
Eng 220p, 221p, 222p. Creative Writing .....	Culver .....	108
Eng 444p, 445p, 446p. Eighteenth-Century Prose (G).....	Parsons .....	107
FRENCH RL 1, 2a. First Course in French.....	Beattie .....	116
GENERAL HORTICULTURE Hrt 111. Elements of Horticulture: Home Gardening (win- ter term) .....	Bouquet .....	114
GERMAN GL 2b, 3. Second Course in German.....	Spaulding .....	202
HISTORY Hst 457p. Russian History: Survey to the Nineteenth Cen- tury (G) (fall term) .....	Goldenweiser .....	112
Hst 458p. Russian History: Nineteenth Century Literature and Society (G) (winter term) .....	Goldenweiser .....	112
Hst 459p. Russian History: Revolution and the Soviet Union (G) (spring term).....	Goldenweiser .....	112
HOME ECONOMICS *FN 411p. Food Purchasing (fall and winter terms).....	Robinson .....	105
*FN 211p, 212p. Foods (fall and winter terms).....	Robinson .....	105
MUSIC Mus 414p. Strict Counterpoint (fall term).....	Campbell .....	115
Mus 415p. Harmonic Counterpoint (winter and spring terms) .....	Campbell .....	115
PHYSICAL EDUCATION PE 363p. School Health Education (fall and winter terms) ..	Logan .....	203
PSYCHOLOGY Psy 334p, 335p. Social Psychology .....	Hulin .....	110
ZOOLOGY Z 201, 202, 203. General Zoology (lecture) .....	Gordon and Taylor.....	317

WEDNESDAY, 7:15 P. M.

BUSINESS ADMINISTRATION BA 111p, 112p-a. Constructive Accounting I.....	Stillman .....	105
BA 112p-b, 113p. Constructive Accounting II.....	Rubey .....	104
BA 407. Seminar Credits and Collections (fall and winter terms).....	Gage .....	114
BA 468p. Basic Course in Real Estate (fall term).....	Dudley .....	111
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MUSIC Mus 211p, 212p, 213p. Second-Year Harmony .....	Campbell .....	115
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\* Either FN 211p, 212p. or 411p will be given, but not both.

Course	Instructor	Room
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Soc 451p-b, 452p-a. History of Social Thought: The Renaissance (G) (winter term)	Goldenweiser	112
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THURSDAY, 7:15 P. M.		
BUSINESS ADMINISTRATION		
BA 111p, 112p.a. Constructive Accounting I	Janney	106
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BA 418p. Business Law: Agency, Corporation, Partnership (spring term)	Hilton	104
EDUCATION		
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ENGLISH		
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Eng 311p. Advanced Short-Story Writing (fall term)	Culver	108
Eng 507. Seminar.	Parsons	107
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FRENCH		
RL 420p, 421p, 422p. Modern French Drama and Lyric Poetry	Beattie	116
GEOLOGY		
G 201p, 202p. General Geology	Hodge	110
GERMAN		
GL 5b, 6. Fourth Course in German	Spaulding	202
MATHEMATICS		
Mth 337p. Elements of Statistics (winter and spring terms)	Price	113
MUSIC		
Mus 317p, 318p, 319p. Public-School Music	Duncan	115
NUTRITION		
Nur 327p. Human Nutrition	Manville	114
PUBLIC SPEAKING		
Eng 325p, 326p. Public Speaking for Business and Professional Men and Women (fall and winter terms)	Collier	103
Eng 333p. Conduct of Group Discussion (spring term)	Collier	103
SOCIOLOGY		
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ZOOLOGY		
Z 201, 202, 203. General Zoology (laboratory)	Fouk	316

## FRIDAY, 7:15 P. M.

ART		
AA 371p. Commercial Art: Lettering and Show Card Writing (fall term)	Hinshaw	301
AA 372p. Commercial Art: The Poster (winter term)	Hinshaw	301
AA 373p. Commercial Art: The Figure (spring term)	Hinshaw	301
BUSINESS ADMINISTRATION		
BA 112p-b, 113p. Constructive Accounting II	Janney	106
BA 423p. Office Organization and Management (spring term)	Owen	108
BA 437p. Retail Credit Management (fall and winter terms)	Owen	108
ECONOMICS		
Ec 438. Government Control of Private Business (G) (fall and winter terms)	Crumbaker	110
Ec 477p. Economic Theory and Problems: Business Cycles (G) (spring term)	Crumbaker	110
EDUCATION		
Ed 440p. History of Education (G)	Jewell	113
I Ed 472p. Trade Analysis (fall and winter terms)	Meyer	105
Ed 546p. Philosophy of Education (fall and winter terms)	Jewell	113
ENGLISH		
Eng 111, 112, 118. English Composition	Collier	103
Eng 201, 202, 203. Shakespeare	Parsons	107
Eng 434p, 435p, 436p. English Drama (G)	Ernst	114

Course	Instructor	Room
FRENCH		
RL 4, 5a. Third Course in French	Beattie	116
GERMAN		
GL 384, 385, 386. German Literature	Spaulding	104
HISTORY		
Hst 878p-a. History of the United States, 1898-1917 (fall term)	Clark, D. E.	111
Hst 878p-b. History of the United States, 1917-1939 (winter term)	Clark, D. E.	111
Hst 877p. History of Oregon (spring term)	Clark, R. C.	111
LANDSCAPE ARCHITECTURE		
LA 179p. Landscape Architecture (fall and winter terms)	Peck	317
PHYSICAL EDUCATION		
PE 341p, 342p, 343p. Physical Education Theory	Washke	115

## CENTRAL LIBRARY

## MONDAY, 4:15 P. M.

HISTORY		
Hst 495p, 496p. Cultural History of China and Japan (fall and winter terms)	Reid	B

## TUESDAY, 4:15 P. M.

ENGLISH		
Eng 357p, 358p, 359p. European Novel	Parsons	B
PHILOSOPHY		
Phl 411p, 412p, 413p. Six Modern Philosophers	Goldenweiser	G

## WEDNESDAY, 4:15 P. M.

FRENCH		
RL 314p, 315p, 316p. French Composition and Conversation	Beattie	D
HOME ECONOMICS		
HAD 340p. Household Management (winter and spring terms)	Hammond	G
PSYCHOLOGY		
Psy 501. Research	Hulin	C

## THURSDAY, 4:15 P. M.

EDUCATION		
Ed 316. Oregon School Law and System of Education (winter term)	Inlow	H
Ed 476p. Social Organization: Teacher Personnel Problems (fall term)	Inlow	H

## FRIDAY, 4:15 P. M.

ECONOMICS		
Ec 201, 202, 203. Principles of Economics	Crumbaker	F

## SATURDAY, 9:15 A. M.

ECONOMICS		
Ec 505. Reading and Conference	Crumbaker	C
EDUCATION		
Ed 503. Thesis	Jewell	B
Ed 507. Seminar.	Jewell	B
ENGLISH		
Eng 503. Thesis	Ernst	E
Eng 507p. Seminar.	Ernst	E
GERMAN		
GL 343p, 344p, 345p. German Literature	Spaulding	D
HISTORY		
Hst 478p. History of the Political Parties in the United States (G) (fall term)	Clark, D. E.	F
Hst 479p. Forces and Influences in American History (G) (winter term)	Clark, D. E.	F
Hst 501. History Research	Clark, D. E.	F
Hst 503. Thesis	Clark, R. C.	F
Hst 505. Reading and Conference	Clark, D. E.	F
SOCIOLOGY		
Soc 507. Seminar	Goldenweiser	S

**6th FLOOR, KRAEMER BUILDING**  
(206 S. W. Washington Street)

PROFESSOR HINSHAW

**MONDAY**

Course	Time
ART AA 144p, 145p. Freehand Drawing .....	4:00 P. M.
AA 390p. Painting .....	2:00 P. M.
AA 892p. Head and Figure Drawing .....	7:15 P. M.
AA 490p. Advanced Painting .....	2:00 P. M.

**WEDNESDAY**

ART AA 144p, 145p. Freehand Drawing (winter term) .....	7:15 P. M.
AA 146p. Freehand Drawing (spring term) .....	7:15 P. M.

**THURSDAY**

ART AA 292p. Creative Composition .....	4:00 P. M.
AA 390p. Painting .....	2:00 P. M.
AA 892p. Head and Figure Drawing .....	7:15 P. M.
AA 490p. Advanced Painting .....	2:00 P. M.

**PORTLAND CIVIC THEATRE**  
(4 Northwest 23rd Avenue)

**MONDAY**

DRAMA Eng 840p. Direction of School and Community Plays (fall term) .....	Marye .....	7:30 P. M.
Sp 247p. Children's Theatre: Story Telling and Production (fall term) .....	Bridges and Smith	4:15 p.m.
Sp 248p. Children's Theatre: Creative Drama and Pageantry (winter term) .....	Bridges and Smith	4:15 p.m.

**TUESDAY**

DRAMA Eng 347p, 348p, 349p. Blue Room Players .....	Smith .....	7:30 P. M.
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**WEDNESDAY**

DRAMA Eng 842p-b, 348p. Technique of Acting (Advanced) .....	Smith .....	7:30 P. M.
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**THURSDAY**

DRAMA Eng 841p, 842p-a. Technique of Acting (Beginning) .....	Smith .....	7:30 P. M.
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**3rd FLOOR MEDICAL SCHOOL**

**MONDAY, 8:00 P. M.**

SOCIOLOGY Soc 204p, 205p. General Sociology .....	Gloyn .....
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**ALTERNATE WEDNESDAYS, 8:00 P. M.**

PSYCHOLOGY Psy 201, 202, 203. General Psychology .....	Huddleson .....
SOCIOLOGY Soc 204p, 205p. General Sociology .....	Gloyn .....

**THURSDAY, 7:15 P. M.**

BACTERIOLOGY Bac 352p. Communicable Diseases Laboratory .....	Sullivan .....	Bacteriology Laboratory
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**FRIDAY, 8:00 P. M.**

PSYCHOLOGY Psy 201, 202, 203. General Psychology .....	Huddleson .....
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**FRIDAY, 7:15 P. M.**

BACTERIOLOGY Bac 351p. General Microbiology Laboratory .....	Sullivan .....	Bacteriology Laboratory
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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.

### ART—FREEHAND DRAWING

Design I

### ASTRONOMY

### BIOLOGY

Bird Study  
Biological Science Survey

### BOTANY

Plant Biology  
Systematic Botany  
Advanced Systematic Botany  
Shrubs and Trees

### BUSINESS ADMINISTRATION

Constructive Accounting  
Business Law  
General Advertising  
Problems in Distribution

### DRAWING

Mechanical Drawing  
Stresses  
Advanced Graphic Statics  
Elementary Structural Design

### ECONOMICS

Economic History  
Principles of Economics  
Outline of Economics  
Money, Banking and Economic Crises  
Economics of Business Organization  
Economic Problems: Economics of the Recovery Program

### EDUCATION

Modern Methods of Teaching in the Upper Grades and High School  
Character Education  
Curriculum Construction  
History of Modern Education  
Problems of the Classroom  
Child Study  
Supervision of Instruction  
Educational Sociology  
The Child and His Learning  
Mental Hygiene  
Psychology of Adolescence  
Measurement in Secondary Education  
Introduction to Education

### WRITTEN ENGLISH

Exposition, Narration and Argument  
Principles of Good Writing  
Advanced Writing  
Magazine Writing  
Introduction to Short-Story Writing  
Short-Story Writing  
Advanced Short-Story Writing  
Prose Manuscript  
Versification  
Book and Play Reviewing  
Business English  
Methods in Grammar School English  
English for High School Teachers  
Review Course in English Grammar

### GEOGRAPHY

General Geography, Parts I, II, III  
Physical Geography

### GEOLOGY

Geology I  
Historical Geology

### HEALTH EDUCATION

### HISTORY

Oregon History  
English History  
Modern Europe  
History of the United States  
Twentieth Century Europe

### HOME ECONOMICS

Household Management  
Child Development  
Clothing Selection  
Food Purchasing  
Principles of Dietetics  
House Furnishing

### JOURNALISM

Elementary News Writing  
Newswriting for Publicity Chairmen  
Feature Writing

### LATIN

Beginning Latin in Caesar  
Latin Literature: Horace

### LITERATURE

Early American Literature  
Recent American Literature  
American Literature Survey  
Nineteenth Century American Novel  
Survey of English Literature  
Contemporary American Novel  
Contemporary English Novellata  
Twentieth Century Literature  
Children's Literature  
Shakespeare  
Socially Significant Literature  
English Novel of the Nineteenth Century  
English and American Poetry  
Living Writers

### MATHEMATICS

Intermediate Algebra  
College Algebra  
Plane Trigonometry  
Analytical Geometry  
Elementary Analysis  
Differential Calculus  
Integral Calculus  
Unified Mathematics  
Mathematics of Finance  
Differential Equations  
Elements of Statistics

### 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

### PHYSIOLOGY

Elementary Physiology

### POLITICAL SCIENCE

National Government  
State and Local Government

### PSYCHOLOGY

General Psychology  
Abnormal and Borderline Psychology  
Genetic Psychology  
Applied Psychology

### SOCIOLOGY

Introduction to Sociology  
General Sociology  
Modern Social Problems  
Criminology  
Matrimonial Institutions  
Community Problems

### ENTRANCE COURSES

Introductory Accounting  
Civics  
American History  
World History  
Entrance English I to VIII  
Entrance English Composition  
Fundamentals of Written English  
English Grammar and Usage  
Elementary Algebra  
Plane and Solid Geometry  
Elementary Physics  
Latin  
Elementary Economics  
Social Problems  
Social Problems and Government

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