

OREGON
State System of
Higher Education
BULLETIN



Portland Extension Center
Catalog Issue, 1940-41

Portland, Oregon

PORTLAND EXTENSION CENTER

UNIVERSITY OF OREGON
OREGON STATE COLLEGE
OREGON COLLEGES OF EDUCATION

ANNOUNCEMENTS

1940-41

814 OREGON BUILDING
PORTLAND, OREGON

Oregon State System of Higher Education

THE Oregon State System of Higher Education, as organized in 1932 by the State Board of Higher Education following a Federal survey of higher education in Oregon, includes all the state-supported institutions of higher learning. The several institutions, 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 the 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
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
R. C. GROESBECK, Klamath Falls.....	1948
MAC HOKE, Pendleton.....	1949

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FREDERICK M. HUNTER, Chancellor
CHARLES D. BYRNE, Secretary
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Office of the State Board of Higher Education
Eugene, Oregon

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Oregon State System of Higher Education

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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, 1940-41

Fall Term

September 30-October 5, Monday to Saturday....Classes begin as scheduled
October 26, Saturday.....Last day for fees (before noon)
November 11, Monday.....Armistice Day, holiday
November 21-24, Thursday to Sunday.....Thanksgiving vacation
December 16-21, Monday to Saturday.....Term examinations

Winter Term

December 30-January 4, Monday to Saturday....Classes begin as scheduled
January 1, Wednesday.....New Year's Day, holiday
January 25, Saturday.....Last day for fees (before noon)
March 10-15, Monday to Saturday.....Term examinations

Spring Term

March 24-29, Monday to Saturday.....Classes begin as scheduled
April 19, Saturday.....Last day for fees (before noon)
May 30, Friday.....Memorial Day, holiday
June 2-7, Monday to Saturday.....Term examinations

Summer Session

June 16-July 25

Portland Extension Center

OREGON STATE SYSTEM OF HIGHER EDUCATION

Faculty

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OLOF LARSELL, Ph.D., Dean and Director of Graduate Division.
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MARGARET MORRISON SHARP, Secretary of the Portland Center.

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VERNE VINCENT CALDWELL, Ph.D., Dean and Director of General Extension; Professor of Psychology.
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*ALEXANDER GOLDENWEISER, Ph.D., Professor of Thought and Culture.
BERNARD HINSHAW, B.A., Associate Professor of Art.
EDWARD M. HULME, M.A., Professor of History; Emeritus Professor of Medieval History, Stanford University.
PHILIP WOOD JANNEY, B.A., C.P.A., Assistant Professor of Business Administration.
MABLE HOLMES PARSONS, M.A., Professor of English.
ALFRED POWERS, B.A., Dean and Director of Division of Creative Writing and Publishing; Professor of Journalism.
JOHN AUSTIN SPALDING, Ph.D., Professor of German.

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 American History; Head of Department, University of Oregon.
NEWEL HOWLAND COMISH, Ph.D., Professor of Business Administration, University of Oregon.
PAUL T. CULBERTSON, M.A., Instructor in History, University of Oregon.
RUDOLF HERBERT ERNST, Ph.D., Professor of English, University of Oregon.
DELBERT RANSOM FRENCH, Ph.D., Associate Professor of Economics, University of Oregon.

* Deceased, July 6, 1940.

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EDWIN THOMAS HODGE, Ph.D., Professor of Economic Geology, Oregon State College.

CARL LEO HUFFAKER, Ph.D., Professor of Education, University of Oregon.

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HUGH B. WOOD, Ed.D., Professor of Education, University of Oregon.

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JOHN C. ALMACK, A.M., A.B., Ph.D., Professor of Education, Stanford University.

JOHN B. APPLETON, Ph.D., Assistant Director, Northwest Regional Council of Education Planning and Public Administration.

SUZANNE M. BEATTIE, M.A., Instructor in French, Portland Center.

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RANDOLPH T. KUHN, B.A., Instructor in Business Administration, Portland Center.

DOROTHEA M. LENSCH, B.A., M.A., Director of Recreation, Portland Bureau of Parks and Public Recreation.

GREBA T. LOGAN, M.A., Supervisor of Health Education and Assistant Director of Department of Health, Physical Education and Recreation, Portland Public Schools.

LEWIS C. MARTIN, Ph.D., Psychologist, Director of Child Study and Special Education, Portland Public Schools.

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CECIL E. MATSON, M.A., Instructor in Drama, Portland Center.

ANNE M. MULHERON, A.B., Instructor in Library, Portland Center.

MERRITT L. OWEN, Comptroller, Charles F. Berg, Incorporated.

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ADOLPH WEINZIRL, B.S., M.D., C.P.H., City Health Officer, Portland.

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

BEATRICE YOUNG, Professor of Modern Languages, Pacific University.

The Portland Center

THE General Extension Division of the Oregon State System of Higher Education is the agency through which the University of Oregon, Oregon State College, and the three state colleges of education render services through extension classes, 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 1940-41 the Portland Center announces 161 evening, late-afternoon, and Saturday morning courses in 31 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 1940-41 the dates are as follows: First term, September 30 to December 21; second term, December 30 to March 15; third term, March 24 to June 7.

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

SINCE the purpose is to serve all who wish to take the courses and who are able to profit by them, no formal requirements for admission are 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.

Admission to First-Year Standing. The requirements for admission to first-year or freshman standing conform to the uniform entrance requirements adopted by all the higher educational institutions of Oregon.

Graduation from a standard high school, which in Oregon involves the completion of 16 units, 8 of which shall be required as follows: 3 units in English; 2 units in social science, comprising the state-adopted courses in United States history-civics and socio-economic problems; 1 unit in health and physical education; and 2 units selected from the fields of natural science and mathematics or of foreign language. Two units in either natural science or mathematics or 1 unit in each of these fields will be acceptable, but a minimum of 2 units in a single language will be required if a foreign language is selected. At the State College, to be admitted to any of the four-year curricula in engineering, except industrial arts, one unit in algebra, one-half unit in higher algebra, and one unit in geometry must be presented. A student deficient in mathematics may be admitted to a pre-engineering course for the first year, necessitating a five-year program to qualify for graduation.

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

Credit Students

RESIDENT 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	15.00	17.00	19.00	21.00	23.00	

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 or two courses.

The registration fee for the first term will be due not later than *October 26*; for the second term, *January 25*; for the third term, *April 19*. 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 from the Portland Center. Only a

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

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	1/2 of fee
To close of 6th week	1/4 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
- B—superior
- C—average
- D—inferior
- F—failure
- W—withdrawn
- Inc.—incomplete

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 enrollment, 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 substitute 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 sequence 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		
AA 144p, 145p. Freehand Drawing. 6 hours.	AA 490p. Advanced Painting. 6 hours.	
AA 292p. Creative Composition. 6 hours.	LA 179p. Landscape Architecture. 4 hours.	
AA 371p, 372p, 373p. Commercial Art. 6 hours.	CORRESPONDENCE STUDY	
AA 390p. Painting. 6 hours.	AA C 144, 145. Freehand Drawing. 4 hours.	
AA 392p. Head and Figure Drawing. 6 hours.	AA C 150. Mechanical Drawing. 6 hours.	
Ed 408p. Special Teaching Methods in Art. 4 hours.	AA C 166. Design I. 3 hours.	
	AA C 420, 421, 422. Elementary Structural Design. 6 hours.	

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

PORTLAND CENTER		CORRESPONDENCE STUDY	
Bac 348p. Bacteriology and Communicable Diseases. 6 hours.	Bis C 101, 102, 103. Biological Science Survey. 12 hours.	Bot C 150. Elementary Botany. 3 hours.	
Bac 350p. Public Health. 2 hours.	Bot C 151. Systematic Botany. 3 hours.	Bot C 152. Advanced Systematic Botany. 3 hours.	
Bac 351p. General Microbiology Laboratory. 3 hours.	Bot C 350. Shrubs and Trees. 3 hours.	Z C 150. Bird Study. 3 hours.	
Bac 352p. Communicable Diseases Laboratory. 3 hours.	Z C 250. Elementary Physiology. 3 hours.		
Nur 327p. Human Nutrition. 6 hours.			
Z 201, 202, 203. General Zoology. 9 hours.			
Phy 411p, 412p, 413p. Human Physiology and Hygiene. 6 hours.			

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

PORTLAND CENTER		CORRESPONDENCE STUDY	
BA 111p, 112p, 113p. Constructive Accounting. 12 hours.	BA 416p, 417p, 418p. Business Law. 6 hours.	BA 423p. Office Organization and Management. 2 hours.	
BA 407p. Problems of Credit Management. 2 hours.	BA 436p. Merchandising. 4 hours.	BA 437p. Credit Management. 4 hours.	

B 439p, 440p, 441p. Advertising. 6 hours.	Eng 217p. Business English. 4 hours.	
BA 442p. Salesmanship. 2 hours.	Eng 325p, 326p. Public Speaking for Business and Professional Men and Women. 4 hours.	
BA 468p. Basic Course in Real Estate. 2 hours.	CORRESPONDENCE STUDY	
BA 475p. Foreign-Trade Marketing. 2 hours.	BA C 111, 112, 113. Constructive Accounting. 12 hours.	
BA 478p. Problems of Life Insurance. 2 hours.	BA C 416, 417, 418. Business Law. 12 hours.	
BA 480p. Life Insurance: Fundamentals. 2 hours.	BA C 434. Problems in Distribution. 4 hours.	
BA 482p. Real Estate: Appraisals. 2 hours.	BA C 439, 440. General Advertising. 6 hours.	
BA 483, 484, 485. Accounting Theory and Practice. 6 hours.	Ec C 334. Economics of Business Organization and Finance. 4 hours.	
BA 487p, 488p. Auditing. 4 hours.	Ec C 413. Money, Banking and Economic Crises. 5 hours.	
BA 490, 491, 492. Advanced Accounting Theory and Practice. 6 hours.		
Ec 476p, 478p, 477p. Economic Theory and Problems. 6 hours.		

Economic Sequence. Thirty hours from the following courses:

PORTLAND CENTER		Ec C 201, 202, 203. Principles of Economics. 9 hours.
Ec 201, 202, 203. Principles of Economics. 6 hours.	Ec 401. Economic Research.	Ec C 211. Outline of Economics. 3 hours.
Ec 476p, 478p, 477p. Economic Theory and Problems. 6 hours.	Ec 476p, 478p, 477p. Economic Theory and Problems. 6 hours.	Ec C 334. Economics of Business Organization and Finance. 4 hours.
CORRESPONDENCE STUDY		Ec C 413. Money, Banking, and Economic Crises. 5 hours.
Ec C 150. Economic History. 6 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, 103. Survey of English Literature. 6 hours.	Eng 201, 202, 203. Shakespeare. 6 hours.
Eng 161p. American Literature. 4 hours. (Not given 1940-41).	Period courses. 6 hours.
Eng 824p. English Composition for Teachers. 3 hours. (Not given 1940-41).	Additional courses to the total of 86 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		G 201p, 202p. General Geology. 6 hours.
Geo 814p. Regional Geography. 2 hours. (Not given 1940-41.)	CORRESPONDENCE STUDY	
Geo 815p. Climatology. 2 hours. (Not given 1940-41.)	Geo C 250, 251, 252. General Geography. 9 hours.	
Geo 428p. Geography of the Pacific. 2 hours.	G C 250. Geology I. 3 hours.	
Geo 430p. Geography of South America. 4 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		of Sociology; Geo 105, 106, 107. Introductory Geography (not given 1940-41). 10 hours.
Hst 341, 342, 343. Modern Europe; or Hst 204, 205, 206. World History. 9 hours. (Not given 1940-41.)	Electives in political science, economics, sociology or geography. 8 hours.	
Hst 371, 372, 373. History of the United States. 9 hours.	CORRESPONDENCE STUDY	
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		
	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 848p, 849p. Bacteriology and Communicable Diseases. 6 hours.
 Bac 850p. Public Health. 2 hours.
 Bac 851p. General Microbiology Laboratory. 8 hours.
 Bac 852p. Communicable Diseases Laboratory. 8 hours.
 FN 211p, 212p, 218p. Foods. 9 hours.
 LA 179p. Landscape Architecture. 4 hours.

Music Sequence. Thirty hours from the following courses:

PORTLAND CENTER
Major sequence:
 Mus 111, 112, 113. Harmony. 6 hours.
 Mus 117, 118, 119. Ear Training, Solfeggio, and Dictation. 6 hours. (Not given 1940-41.)
 Mus 191p. Group Instruction, Piano or Voice. 6 hours. (Not given 1940-41.)
 Mus 211p, 212p, 218p. Second Year Harmony. 6 hours. (Not given 1940-41.)
 Mus 317p, 318p, 319p. Public-School Music. 6 hours.
 Mus 320, 321, 322. Conducting and Instrumentation. 6 hours. (Not given 1940-41.)
 Mus 414, 415, 416. Counterpoint. 6 hours. (Not given 1940-41.)

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.

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

PORTLAND CENTER
 Bac 848p, 849p. Bacteriology and Communicable Diseases. 6 hours.
 Bac 350p. Public Health. 2 hours.
 Bac 851p. General Microbiology Laboratory. 8 hours.
 Bac 352p. Communicable Diseases Laboratory. 8 hours.
 Nur 327p. Human Nutrition. 6 hours.
 PE 361p, 362p. School Health Education. 4 hours.
 PE 481p, 482p. Advanced Techniques of Dance and Composition. 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 386p. Character and Personality. 2 hours.
 Psy 465p. Motivation and Adjustment. 2 hours.
 Psy 471p. Individual Differences. 2 hours.

Nur 327p. Human Nutrition. 6 hours.
CORRESPONDENCE STUDY
 CT C 217. Clothing Selection. 3 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.

Mus 419p, 420p. Formal and Harmonical Analysis. 6 hours.
 Mus 422, 423, 424. History of Music. 6 hours.
 Ed 425, 426, 427. Teaching of Public-School Music. 6 hours. (Not given 1940-41.)

Minor sequence:

Mus 111, 112, 113. Harmony. 6 hours.
 Mus 117, 118, 119. Ear Training, Solfeggio, and Dictation. 6 hours. (Not given 1940-41.)
 Mus 191p. Group Instruction, Piano or Voice. 6 hours. (Not given 1940-41.)
 Mus 127p, 128p, 129p. Appreciation of Music. 6 hours. (Not given 1940-41.)
 Ed 425, 426, 427. Teaching of Public-School Music. 6 hours. (Not given 1940-41.)

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. 3 hours.

PE 324p, 325p, 326p. Rhythmic Activities. 3 hours.
 Phy 411p, 412p, 418p. Human Physiology and Hygiene. 6 hours.

CORRESPONDENCE STUDY
 BiS C 101, 102, 103. Biological Science Survey. 12 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.

Psy 507. Seminar in Psychology.

CORRESPONDENCE STUDY
 Psy C 201, 202, 203. General Psychology. 9 hours.
 Psy C 411. Genetic Psychology. 3 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 133p, 134p, 135p. Fundamentals of Public Speaking. 6 hours.
 Eng 141p, 142p, 143p. Voice and Diction. 6 hours.
 Eng 325p, 326p. Public Speaking for Business and Professional Men and Women. 4 hours.
Eng 333p. Conduct of Group Discussion. 2 hours.
 Eng 337p, 338p. Radio Program Production. 4 hours.
 Eng 340p. Direction of School and Community Plays. 2 hours.
 Eng 341p, 342p, 343p. Technique of Acting. 12 hours.
 Eng 347p, 348p, 349p. Blue Room Players. 6 hours.

Remedial Education Sequence:

Ed 462p, 463p. Psychology of Exceptional Children. 4 hours. (Not given 1940-41.)
 Ed 464p. Remedial Reading. 4 hours. (Not given 1940-41.)
 Ed 466. Diagnostic and Remedial Techniques. 2 hours. (Not given 1940-41.)
CORRESPONDENCE STUDY
 Ed C 102. Mental Hygiene. 3 hours.
 Ed C 352. Child Study. 3 hours.

Sociology Sequence. Thirty hours from the following courses:

PORTLAND CENTER
 Soc 204p, 205p. General Sociology. 6 hours.
 Soc 451p, 452p. History of Social Thought. 6 hours.
 Soc 447p. Social Problems and Social Work. 2 hours.
 Soc 464p. Problems of Social Institutions: Public Welfare Administration. 2 hours.
 Soc 472p. Contemporary Social Movements. 2 hours.
CORRESPONDENCE STUDY
 Soc C 201, 202, 203. Introduction to Sociology. 9 hours.
 Soc C 204. General Sociology. 3 hours.
 Soc C 315. Criminology. 3 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

IN THE following description of courses the general character of each course is indicated by its number. Lower division courses (freshman and sophomore) are numbered below 300. Upper division courses (junior and senior) are numbered from 300 to 499. Graduate courses are numbered 500 and above. 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.

ART

ASSOCIATE PROFESSOR: HINSHAW. INSTRUCTOR: WUEST

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 of graphic representation. An effort is made to understand and visualize the simple forms that underlie the complex surfaces and textures of the visual world, and the emphasis is on thoughtful building as opposed to superficial imitation. The course is fully outlined, each assignment being in mimeographed form containing considerable explanatory and illustrative material.

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

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

* 206 Southwest Washington street.

† Arrangements may be made to register for AA 144p in the winter term, or for either AA 144p or AA 145p in the spring term.

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 this class will be an opportunity to cultivate a direct and more spontaneous application of general principles than was possible in the foregoing work. Quick and direct notations of a variety of subject matter such as still life, landscape, the human figure; perspective rendering. Pencils will be used chiefly though other materials may be suggested. Hinshaw. Wednesday, 7:15, 6th floor, *Kraemer building.

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 is intended 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. Hinshaw. Thursday, 4:00 (or by appointment), 6th floor, *Kraemer building.

UPPER-DIVISION COURSES

AA 371p, 372p, 373p. **Commercial Art.** Three terms, 2 hours each term.

A practical course dealing mainly with problems in lettering, show-card writing, advertising layout and poster making.

Fall term: Lettering and Show-Card Writing. Careful study of a few fundamental types of alphabet, with considerable drill on methods for their formation in a freehand way; historic styles with suggestions for modern adaptations. The letter as design; problems in spacing and arrangement. Study of appropriate styles to suit various modern purposes, particularly signs and show cards, and other directly written lettering not intended for reproduction.

Winter term: Lettering for Reproduction. A continuation of drill in letter formation and design with special emphasis on the more carefully constructed types of lettering required for reproduction. Lettered posters, advertising layouts, book covers, package labels; design principles in relation to such problems.

Spring Term: The Poster. The function of a poster; psychological and aesthetic requirements of poster art. Consideration of poster materials and its design with especial emphasis on the human figure. A number of suggestions are made in regard to the simplification, abstraction, and decorative treatment of the figure to suit poster requirements as well as other forms of modern commercial art.

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. 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 each week and works directly from the model for a two-hour period each evening. Portrait studies, costume figure sketch,

* 206 Southwest Washington street.

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.* Hinshaw. Monday and Thursday, 7:15, 6th floor, *Kraemer building.

Ed 408p. Special Teaching Methods in Art: The Modern Art Curriculum.

Fall and Winter terms, 2 hours each term. Wuest.
See description under Education.

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

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

BACTERIOLOGY

PROFESSOR: SEARS. INSTRUCTORS: SULLIVAN, WEINZIRL

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. *Syllabus fee, 50c.* 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, ventilation, lighting, clothing, exercise; public health organization and legislation, eugenics; maternity, infant, pre-school, occupational, and old-age hygiene. Weinzirl. Friday, 7:15, room 104.

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 must be taken in conjunction with this course. *Syllabus fee, 50c; Laboratory fee, \$3 each term.* Sullivan. Friday, 7:15, bacteriology, 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 equivalent. *Syllabus fee, 50c; Laboratory fee, \$3 each term.* Sullivan. Thursday, 7:15, bacteriology laboratory, third floor, Medical School.

BUSINESS ADMINISTRATION

PROFESSORS: COMISH, KELLY, LOMAX. ASSOCIATE PROFESSORS: GAGE, STILLMAN. ASSISTANT PROFESSOR: JANNEY. INSTRUCTORS: DAVIDSON, DRAPER, HILTON, KOLAR, KUHN, OWEN, PATTULLO, RALSTON, RUBBY, STRONG, ADAMS.

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, Janney, Monday, 7:15, room 106. Section 2, Stillman, Wednesday, 7:15, room 105. Section 3, Janney (*fall term only*), Friday, 7:15, room 106.

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, Janney, Wednesday, 7:15, room 106. Section 2, Rubby, Thursday, 7:15, room 105.

UPPER-DIVISION COURSES

BA 401p. Research: Advanced Income Tax Procedure. Winter and spring terms, 2 hours each term.

A course especially designed to meet the requirement of public accountants, attorneys, business executives and persons in charge of accounting for firms. Among the subjects to be covered will be a general review of tax laws with a detailed discussion of the changes, including the new excess profits tax; practice before the treasury department and the board of tax appeals; procedure to be followed and pitfalls to be avoided in the proper handling of cases before these bodies; and a detailed study of actual cases covering decisions of general interest. Lectures will be supplemented by classroom discussion, questions, and representative case studies. *Registration fee, \$10.* Davidson and Pattullo. Monday, 7:15, room 105.

BA 483p, 484p, 485p. 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. Janney. Thursday, 7:15, room 106.

BA 487p, 488p. **Auditing.** Winter and spring terms, 2 hours each term.

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

BA 490p, 491p, 492p. **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 483p, 484p, 485p, or equivalent in professional training. Janney. Tuesday 7:15, room 106.

SERVICE COURSE

BA 420p. **C. P. A. Problems.**

Intensive study of problems and questions asked by the examining boards of the various states and in the American Institute of Accountants' examinations. Extensive practice in solution of problems; training in correct analysis, correct form, and desired speed in solving problems, involving a knowledge of partnerships, executors' accounts, corporation accounts, revenue accounts, fire insurance, etc. Prerequisite: adequate preparation, to be determined by the instructor. Kelly.

There will be 24 class meetings, on the following dates: October 3, 10, 17, 24, 31; November 7, 14, 28; December 5, 12, 19; January 2, 16, 30; February 13, 27; March 13, 27; April 3, 10, 17, 24; May 1, 8. Thursday, 7:15, room 203. *Registration fee, \$25.*

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.

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

See description under Public Speaking.

*BA 407p. **Business Problems: Problems of Credit Management.** Fall term, 2 hours.

A course designed to broaden and expand the technical credit knowledge of student or executive equipped with training in finance and accounting.

* Required for the Award of Associate or Fellow by the National Institute of Credit (N.A.C.M.).

A detailed study of the complex problems of credits, finance, legal procedure, and other factors involved in the practical solution of case problems. Prerequisite: BA 437p, or equivalent. Kolar. Tuesday, 7:15, room 112.

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. 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. 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. Hilton. Thursday, 7:15, room 104.

BA 423p. **Office Organization and Management.** Fall 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. Owen. Friday, 7:15, room 112.

BA 436p. **Merchandising.** (G) Fall and winter 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. Comish. Tuesday, 7:15, room 203.

*BA 437p. **Credit Management: 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, extension, compositions, collections, and bankruptcy including a study of the new Bankruptcy Law of 1938. Ralston. Tuesday, 7:15, room 111.

* Required for the Award of Associate or Fellow by the National Institute of Credit (N.A.C.M.).

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, head-line, and copy based on the Townsend and Townsend technique. Kuhn, Monday, 7:15, room 112.

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. Comish. Tuesday, 7:15, room 203.

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

A course designed for the person who wants a better understanding of the principles and practices of urban real estate operation. Suitable for the broker, or prospective broker or salesman, as well as for the individual property owner. Lectures presented both by specialists in the field and by member of the Extension staff. Topics will include: State regulation and ethics, physical and legal measurement of land, liens and taxation, legal instruments, assuring and closing title, brokerage, selling and advertising, leases and lease negotiation, management, home building, financing, and city zoning and planning. Gage. Wednesday, 7:15, room 114.

BA 475p. **Foreign-Trade Marketing: Mexico and South America.** (G) Winter term, 2 hours.

Channels of distribution in the foreign trade of Latin America with particular reference to the marketing of the staple commodities of the area and the import needs of the countries included in the study. Lomax. Thursday, 7:15, room 202.

BA 478p. **Problems of Life Insurance.** Fall term, 2 hours.

A study of the economic basis of life insurance, outlining the monetary importance of human life values, how established economic principles may be applied to these life values, and explaining the nature of life insurance as an investment. BA 478p and BA 480p cover the entire subject matter required for part one of the C.L.U. examinations. Strong. Monday, 7:15, room 111.

BA 480p. **Life Insurance.** Winter and spring terms, 2 hours each term.

Winter term: Fundamentals. This course presents a practical and non-technical explanation of the principles and practices of the life insurance business. Its aim is to give a clear conception of the business as a whole. It is planned to be of practical value.

Spring term: The Principles of Salesmanship. Certain fundamental principles are involved in selling. Application of these principles will be correlated to the economics and fundamentals of life insurance, as a foundation for actual sales work.

BA 480p and BA 478p cover the entire subject matter required for part one of the C.U. examinations. Strong. Monday, 7:15, room 111.

L 481p. **Trade Regulation: Transportation Law.** Fall and winter terms, 2 hours each term.

The problem and necessity of regulation; concepts; government regulatory bodies; analysis of applicable statutes; liability of common carriers; regulation; certificates of convenience and necessity; application of rates; interstate versus intrastate rates; practice and procedure; judicial review. Adams. Tuesday, 7:15, room 309.

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

A practical course giving the several appraisal procedures and approaches along with the method of preparing and presenting an appraisal report. The points will be developed by men of experience in the special fields. The course is intended for those with experience in real property. Draper. Monday, 7:15, room 104.

GRADUATE COURSE

BA 501. **Advanced Commercial Research.** Three terms, 2 or 3 hours each term.

Comish. Time to be arranged.

DRAMA

INSTRUCTORS: COLLINS, MARYE, MATSON, REYNOLDS, 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 COURSE

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. Matson. Section 1, Monday, 7:15, room 203. Section 2 (*fall term only*), Wednesday, 7:15, room 203.

UPPER-DIVISION COURSES

Eng 337p, 338p. **Radio Program Production.** Fall and winter terms, 2 hours each term.

Outline of the field and parallel survey of the methods in radio and allied fields of public information, where they overlap or are interchangeable. Voice in radio; sound effects in radio; practical work in basic types of script writing; program planning; program building; program production; program merchandising. Collins. Wednesday, 7:15, room 104.

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

Problems of play production for high school drama instructors in service, directors of community plays, and suitably qualified students interested in amateur direction. Use of Civic Theatre laboratory and demonstrations by Civic Theatre acting classes. 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. Matson. Thursday, 7:30, *Portland Civic Theatre.

* 4 Northwest 23rd avenue.

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. Smith. Wednesday, 7:30, *Portland Civic Theatre.

Eng 344p. **Make-up**. Winter term, 1 hour.

The theory and practice in the art of theatrical make-up. Reynolds. Monday, 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. Smith. Tuesday, 7:30, *Portland Civic Theatre.

ECONOMICS

ASSOCIATE PROFESSOR: FRENCH

LOWER-DIVISION COURSE

Ec 201p, 202p, 203p. **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 B, Central library.

UPPER-DIVISION COURSES

Ec 401. **Economic Research**. Three terms, 2 or 3 hours each term.
Saturday, 11:15, room C, Central library.

Ec 475p, 476p. **Economic Theory and Problems: Comparative Economic Systems**. (G) Fall and winter terms, 2 hours each term.
A comparative analysis of varied economic systems such as *laissez faire* capitalism, fascism, nazism, socialism, and communism. A study of methods used or proposed by each to control production, marketing, distribution, and consumption of goods, with emphasis on the use of governmental powers. Friday, 7:15, room 202.

Ec 477p. **Economic Theory and Problems: International Economic Policies**. (G) Spring term, 2 hours.
An investigation of the economic backgrounds of the Second World War. The place of various national policies and aspirations in the struggle. Friday, 7:15, room 202.

GRADUATE COURSES

Ec 501. **Research**. Three terms, 2 or 3 hours each term.
Saturday, 11:15, room C, Central library.

Ec 503. **Thesis**. Three terms, hours to be arranged.
Saturday, 11:15, room C, Central library.

Ec 507. **Economics Seminar**. Three terms, 2 or 3 hours each term.
Saturday, 9:15, room C, Central library.

EDUCATION

PROFESSORS: CHAMBERS, HUFFAKER, INLOW, MACOMBER, SALSER, WOOD. VISITING PROFESSOR: ALMACK. 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. Prerequisites: General Psychology. Inlow. Thursday, 7:15, room 113.

Ed 312. **Educational Psychology**. Winter and spring terms, 2 hours each term.

A study of the laws of learning and their application to the classroom; motivation in learning, transfer of training, memory, forgetting, and the psychology of secondary school subjects. Prerequisite: General Psychology. Martin. Wednesday, 7:15, room 112.

Ed 316. **Oregon School Law and System of Education**. Fall 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. Inlow. Thursday, 4:15, room H, Central Library.

Ed 407. **Seminar: Mental Hygiene for Teachers**. Winter term, 2 hours.

See description Ed 507.

Ed 408p. **Special Teaching Methods in Art: The Modern Art Curriculum**. Fall and winter terms, 2 hours each term.

An approach to art by means of a workshop in which the subjects of handwork, drawing, color and design may be developed on the basic elements of art structure. The presentation of art as a realized union of material and thought developed by means of paint, clay, wood, metal and textile materials. Emphasis on creative interpretation as a natural outlet for emotional energy. Experiments in the field of color and its relationships to every-day life. Opportunity for experimental work in various fields of art expression and for various age levels. Individual and group work in projects and units of work presented by the lecture-demonstration plan, with discussions of subject material and related problems.

Fall term: Manipulative processes involving two and three dimensional projects.

Winter term: Emphasis on crafts and puppetry.
Wuest. Monday, 7:15, room 301.

Ed 413p. **The Problem Child: Behavior Problems**. (G) Fall term, 2 hours.

Motivation of behavior difficulties, an analysis of the more common problems of normal children as well as methods of handling will be discussed. Case studies will be used to illustrate various problems and treatment. Martin. Wednesday, 7:15, room 112.

Ed 441p. **Comparative Education**. (G) Fall term, 2 hours.

Study of school systems of the chief countries of the modern world, particularly Germany, France, Great Britain, and the United States, in relation to certain vital problems of adjustment—economic, moral, and political. Special

attention to developments since the World War and to significant experiments in Germany, Russia, Bohemia, Italy, Denmark, India, and elsewhere. Almack. Tuesday, 7:15, room 202.

- Ed 481p. **Current Occupational Trends.** (G) Fall term, 2 hours.
The recent and rapidly increasing materials available in the occupational and vocational world; interpretations of present trends; attention to sources of such material and to their relative value and usefulness for high-school and college students. Salser. Tuesday, 7:15, room 104.
- Ed 482p. **Counseling Procedures.** (G) Spring term, 2 hours.
Aims to give prospective counselors, administrators, teachers, and others an acquaintance with personnel needs and developments. Experience with a few of the commonly used tests, record systems, and methods used in educational and industrial personnel work. Salser. Tuesday, 7:15, room 104.
- Ed 486p. **Course-of-Study Construction.** (G) Winter term, 2 hours.
Organization of the curriculum of the modern school. Chief emphasis on various patterns of curriculum organization and their relative merits; general principles of curriculum construction; selection of materials and activities; evaluation of the curriculum in terms of pupil growth. Wood. Tuesday, 7:15, room 105.
- Ed 487p. **Unit Construction.** (G) Fall term, 2 hours.
Principles of unit construction; survey of materials. Major consideration to criteria for the selection, organization, and development of materials; special techniques, such as child study, community survey, and social analysis; application of these special techniques to unit construction. Unit construction and field work required. Macomber. Tuesday, 7:15, room 105.
- Ed 490p. **Character Education.** (G) Fall term, 2 hours.
The place of character in the social purpose of education; distinction between training and instruction; the dynamic function of the feelings; the conditioning of interests; the function of ideals; the formation of habits, the integration of habits and attitudes. Analysis of typical procedure. Almack. Friday, 7:15, room 105.
- Ed 499p. **Criticisms of Current Educational Theory.** Winter term, 2 hours.
Analysis and evaluation of educational procedures in terms of current educational philosophies. Major topics considered are the curriculum; the activity program; the value of vicarious experiences; education in terms of the cultural heritage; the integrating unit; the educational value of the social sciences. Inlow. Thursday, 4:15, room G, Central library.

GRADUATE COURSES

- Ed 503. **Thesis.** Three terms, hours to be arranged.
Huffaker. Time to be arranged with instructor the first Saturday of each term, 11:15, room G, Central library.
- Ed 505. **Reading and Conference.** Three terms, 2 or 3 hours each term.
Huffaker. *Fall term:* Class meetings to be arranged October 5, 9:15, room G, Central library. *Winter and spring terms:* Saturday, 9:15, room G, Central library.
- Ed 507. **Seminar: Mental Hygiene for Teachers.** Winter term, 2 hours.
A seminar for teachers and prospective teachers of senior and graduate rank who feel the need for better understanding of students' maladjustments. Opportunity will be offered for the consideration of problem cases in the light of the various schools of thought that have influenced the development of the mental-hygiene program. Chambers. Tuesday, 7:15, room 104.

- Ed 511p. **Modern Educational Principles and Problems.** Winter and spring terms, 2 hours each term.
A general survey, at graduate level, of recent developments in all fields of education. Emphasis on an evaluation of current trends in the various fields, and on opportunities offered for specialization and service. Required of candidates for master's degree in education before the preliminary examination. Open to qualified senior majors on consent of instructor. Huffaker. Saturday, 9:15, room G, Central library.
- Ed 548p. **Liberalism and Modern Education.** Fall term, 2 hours.
History of modern political liberalism, in its relation to state education in the leading nations of the modern world. Liberal theory; the development of liberal institutions. Liberalism since the World War. Open to seniors on consent of instructors. Almack. Monday, 7:15, room 202.
- Ed 561p, 562p. **Advanced Educational Psychology.** Winter and spring terms, 2 hours each term.
Review of some modern viewpoints in educational psychology; discussion of useful experimental material. Prerequisite: graduate standing in education. Huffaker.

ENGINEERING

PROFESSORS: GRIFFITH, HOLCOMB. INSTRUCTOR: TAYLOR

UPPER-DIVISION COURSES

- CE 383p. **Reinforced Concrete.** Fall and winter terms, 2 hours each term.
Study and design of the elements of reinforced concrete including beams, slabs, girders, and columns by various methods such as the transformed sections, graphical, and commercial short-cut methods. Griffith and Holcomb. Friday, 7:15, room 203.
- 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. *Syllabus fee, 75c.*
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.
Taylor. Monday, 7:15, room 113.

ENGLISH

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

COURSES IN LITERATURE

LOWER-DIVISION COURSES

- Eng 101p, 102p, 103p. **Survey of English Literature.** Three terms, 2 hours each term.
Epochs are studied as such, and authors are grouped and regarded as to their distinction, their importance in their periods, and their influence upon

later literary forms and thought trends. The course is in sequence but may be elected for separate terms. Required of all English majors and all who are doing a norm in English.

Fall term: From Beowulf to John Donne.

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

Spring term: From Cowper and Blake to the Victorians.

Parsons. Wednesday, 7:15, room 107.

Eng 201p, 202p, 203p. **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. Source material, varying texts of early editions and reliable critical bibliography will be considered. Students will view creatively situations and roles of the plays from the positions both of audience and of actors. Designed to meet the needs of English majors and those who wish to fulfill a norm in English. Parsons. Friday, 7:15, room 107.

UPPER-DIVISION COURSES

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

Beginning with consideration of certain English novels of the 18th and 19th centuries which were felt as influences abroad, the course follows distinctive literary currents into the fiction patterns of Europe, and includes consideration of the greater novels of France, Russia, Scandinavia, Poland, Germany, Italy, and Holland. Students are responsible for the reading of six novels each term and a final paper covering some special aspect of the fiction studied. Assigned readings and class discussions. Parsons, Thursday, 4:00, room E, Central library.

Eng 371p, 372p, 373p. **Contemporary Literature.** Three terms, 2 hours each term.

The course will consider the poetry, fiction, drama, and critical essays peculiar to the trends, social outlook, and changing criteria of present-day England and America, together with some attention to comparable and contrasting types of literature of contemporary Europe. Parsons. Tuesday, 7:15, room 107.

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

Eng 447p, 448p, 449p: **Seventeenth-Century English Literature.** (G) Three terms, 2 hours each term.

From the significant contributions of Jonson, Bacon, and Donne through certain Jacobean and Caroline dramas, the reflection of Burton, the satire of Butler, the lyrical themes of the Cavalier poets, the devoutness of Bunyan, the philosophy of Hobbes, the serenity of Walton, the supreme epic of Milton, the lively account of his age by Pepys, and the drama of poetry of the Restoration era. Detailed reading and discussion. Term paper. Parsons. Monday, 7:15, room 107.

GRADUATE COURSES

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

Ernst and Parsons. Saturday, 11:15, room E, Central library.

Eng 507. **Seminar in Special Authors.** Three terms, 2 or 3 hours each term.

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

Eng 537p, 538p, 539p. **Social Problems in English Literature.** Three terms, 2 hours each term.

Both as a group and as individuals the class will find research problems in English literature interesting, for this field reflects a rationalized association of the world of manners, and of social, cultural, and ethical purpose with both the utilitarian and the idealistic philosophy which from time to time was basic in the literature produced. The field of consideration reaches from Elizabethan Gascoigne, Raleigh, John Florio, and Ben Jonson to Bernard Shaw, Aldous Huxley, and Virginia Woolf. Research methods in projects and presentation of study-material practised and developed. Open to a limited number of seniors as well as to graduates. 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 111p, 112p, 113p. **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, Collier. Friday, 7:15, room 103. Section 2, Culver. Friday, 7:15, room 115. Section 3, Culver, (*for beginning students in winter and spring terms*), Thursday, 7:15, room 115.

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. 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. Culver. Section 1, Monday, 7:15, room 115. Section 2 (*fall term only*), Thursday, 7:15, room 115.

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. 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. Culver. Tuesday, 7:15, room 115.

UPPER-DIVISION COURSES

Eng 311, 312, 313. **Advanced Short-Story Writing.** Three terms, 2 hours each term.

A professional course in writing the short story to satisfy contemporary reading interests and publishing necessities. The short story as a literary form; mastery of narration as a cultural and practical skill. Constant attention to style and subject matter. Sustained practice in plot, characterization, dialogue, mood, and other essentials of the short story, and in the total story. Constructive criticism, conferences, marketing assistance, special lectures by established authors, mutual stimulus of a group of creative writers. *Course fee, \$2 each term.* Powers. Thursday, 7:15, room 301.

J 331p, 332p, 333p. **Trade Journalism.** Three terms, 2 hours each term.

See description under Journalism.

J 421p, 422p, 423p. **Articles and Features: Magazine Writing.** Three terms, 2 hours each term.

See description under Journalism.

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

Reading of masterpieces of various periods. A brief review of French literature leading to the reading and discussion of works by the principal contemporary writers. Wednesday, 4:15, room G, Central library.

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. Thursday, 7:15, room 116.

*RL 429p, 430p, 431p. **French Culture and Civilization.** Three terms, 2 hours each term.

France and the French people as interpreted by their history, literature, and art, beginning with the French Revolution. Wednesday, 4:15, room G, Central library.

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.

GEOGRAPHY

PROFESSOR: LOMAX. INSTRUCTOR: APPLETON

UPPER-DIVISION COURSES

Geo 428p. **Geography of the Pacific.** (G) Fall term, 2 hours.

An intensive study of the Pacific region, physical geography and natural resources, with some attention to the outstanding social, economic, and

* Either RL 311p, 312p, 313p, or RL 429p, 430p, 431p will be given, but not both.

political questions as they are influenced by the physical background of the more important countries bordering this ocean. Lectures, discussions, and a term topic on some special phase of the course. Students who are properly qualified may register for graduate credit. Prerequisite: consent of the instructor. Appleton. Thursday, 7:15, room 202.

Geo 430p. **Geography of South America.** (G) Fall and winter terms, 2 hours each term.

This course will include some consideration of the remainder of Latin America in addition to South America. The work will embrace lectures, discussions, and a term topic based upon Lobeck's Physical Diagram of South America. Prerequisite: consent of the instructor.

Fall term: Will emphasize the physical geography of this region as a background for the economic geography given in the winter term. Appleton.

Winter term: The subject matter will include reference to the economic resources of the continent with particular emphasis upon the human geography of the well developed and vital resource areas.

Lomax. Thursday, 4:15, room C, Central library.

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 111.

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 205.

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 205.

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 205.

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 B.

UPPER-DIVISION COURSES

GL 331p. **The German Short-Story.** Fall term, 2 hours.

A specifically German type of short story studied from the work of such a prophetic author of the nineteenth century as Gottfried Keller to that of Franz Kafka, the most modern of the twentieth. Friday, 7:15, room 205.

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

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. Monday, 4:00, room D, Central library.

GL 412p. **The Modern German Novel.** Winter and spring terms, 2 hours each term.

The course will consist of lectures, book reports and class discussion.

Winter term: The nineteenth century novel with consideration of foreign parallels and influences.

Spring term: The novel of this generation, pre- and post-World War. Friday, 7:15, room 205.

HISTORY

PROFESSORS: CLARK, HULME. INSTRUCTOR: CULBERTSON

UPPER-DIVISION COURSES

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

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

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

Spring term: The quest for social justice, the new imperialism and the backgrounds of the World War. Particular emphasis will be placed upon the diplomacy of the period 1878 to 1914.

Hulme. Monday, 7:15, room 204.

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

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

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

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

business, the growth of economic and political discontent, and the emergence of the United States as a world power. Culbertson. Friday, 7:15, room 111.

Hst 377p. **Oregon History.** Winter 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. Culbertson. Friday, 4:15, room H, Central library.

Hst 417p, 418p, 419p. **Great Historians.** (G) Three terms, 2 hours each term.

A study of the work of the great writers of history from the time of the Greeks, with special emphasis upon the historians of the nineteenth century. Hulme. Tuesday, 7:15, room 204.

Hst 421p-a, 421p-b, 422p-a, 422p-b. **The Middle Ages.** (G) Three terms, 2 hours each term.

A study of the beginning and development of medieval life, of the life of the peasants, the townfolk, the nobles, the monks and friars, and the universities, and of the literature and thought of that time. Hulme. Wednesday, 7:15, room 204.

Hst 431p-a, 431p-b. **The Renaissance.** (G) Fall and winter terms, 2 hours each term.

The development of the new humanism in its relations to the political, social, and religious life of the time as seen in the revival of nationality and individuality, of literature, art, and science, and in the results of travel and geographical discovery. Hulme. Thursday, 7:15, room 204.

Hst 432p. **The Reformation.** (G) Spring term, 2 hours.

The disruption of the Church in Western Europe, the Counter Reformation, and the religious wars. Hulme. Thursday, 7:15, room 204.

GRADUATE COURSES

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

Clark. Time to be arranged with instructor the first Saturday of each term, 9:15, room F, Central library.

Hst 503. **History Thesis.** Three terms, hours to be arranged.

Clark. Time to be arranged with instructor the first Saturday of each term, 9:15, room F, Central library.

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

Clark. Time to be arranged with instructor the first Saturday of each term, 10:15, room F, Central library.

HOME ECONOMICS

INSTRUCTOR: ROBINSON

LOWER-DIVISION COURSE

FN 211p, 212p, 213p. **Foods.** Three terms, 3 hours each term.

An introduction to the subject of foods; selection, preparation, and service. *Laboratory fee, \$3 each term.* Tuesday and Thursday, 7:00, *St. Helen's Hall home economics laboratory.

* 1855 Southwest 18th Avenue.

HORTICULTURE

PROFESSOR: BOUQUET

LOWER-DIVISION COURSE

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

A lecture, discussion and demonstration course dealing with horticultural crops in the home garden including vegetable crops, annual and perennial flowers, fruits and small fruits. Emphasis is placed on fundamentals of gardening including soil types and improvement, fertilizers and their use, methods of insect and disease control, garden planning and planting, irrigation methods. Greenhouse and frame management in plant growing. Discussions and demonstrations during each class meeting. Tuesday, 7:15, room 112.

JOURNALISM

PROFESSOR: POWERS

UPPER-DIVISION COURSES

Eng 311, 312, 313. **Advanced Short-Story Writing.** Three terms, 2 hours each term.

See description under Written English.

J 331p, 332p, 333p. **Trade Journalism.** Three terms, 2 hours each term.

Articles, correspondence, interviews, surveys, reports, and news for trade, technical, and class publications. For those wishing to do free-lance writing for the specialized press and for those seeking a useful ability to write in their own particular fields of business, industrial or vocational activities. American trade journals of today, and some of those of Latin America, will be studied, and each student will have an opportunity to become familiar with all the periodicals in the trade of his selection. Articles, special departmental contributions, and news correspondence will be written as much as possible for actual publication. *Course fee, \$3 each term.* Tuesday, 7:15, room 301.

J 421p, 422p, 423p. **Articles and Features: Magazine Writing.** Three terms, 2 hours each term.

An advanced course in creative writing, for those who have satisfactorily taken Eng 220p, 221p, 222p, and for others with equivalent training or self-developed competence in handling material for articles. Professional and publishable standards will hold for manuscripts. As much as possible the effort will be towards marketable class assignments. Writing will be generally in the non-fiction field—magazine articles, Sunday newspaper features, personality sketches, travel narratives, biography, criticism, historical composition, research authorship, interpretative reporting, syndicates, columns. The course will not include trade writing or the short story, which will be studied separately in the courses J 331p, 332p, 333p, and Eng 311, 312, 313. Class manuscripts will be regularly criticized for their literary quality, for their substantive content, and for the possibilities of their use by editors. *Course fee, \$2 each term.* Wednesday, 7:15, room 301.

SERVICE DEPARTMENT

Manuscript Criticism.

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

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

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.

LIBRARY

INSTRUCTOR: MULHERON

UPPER-DIVISION COURSE

Eng 388p. **Children's Literature.** Fall and winter terms, 2 hours each term.

Survey of foundation literature for children, together with short studies of well known authors who have contributed to the field of children's literature. Also lists of usable children's books on special topics such as science, social sciences, adventure, music and art, and others. A laboratory course of reading and discussion. Wednesday, 7:15, room 113.

MATHEMATICS

PROFESSOR: PRICE

LOWER-DIVISION COURSES

Mth 200p. **Analytical Geometry.** Fall and winter terms, 2 hours each term. Prerequisite: college algebra and plane trigonometry, or equivalent.

Fall term: A study of rectangular co-ordinates. Representation of points and lines. Use of formulas for distance between points slopes of lines and mid-points and other points of division. Linear functions and straight lines. Practical applications in graphs.

Winter term: A study of the circle and the other conics. Intersections of loci. Determinants will be used to find areas and solve simultaneous equations. Some of the higher plane curves will be considered.

Tuesday, 7:15, room 108.

Mth 205p, 206p. **Calculus.** Three terms, 2 hours each term.

A short course in Calculus.

Fall term: Algebraic functions and their graphic representation will be studied from the standpoint of their derivatives and integrals. No attempt will be made to give rigorous proofs of theorems on continuity and limits. The basic ideas of the calculus will be presented with some applications to science and engineering.

Winter term: Trigonometric and exponential functions and logarithms will be studied. Integration will be taken up from the standpoint of the inverse of differentiation as well as that of a summation. Methods of finding the center of gravity, torque, moment of inertia, and mean values of functions will be introduced.

Spring term: Taylor's series, hyperbolic functions, and some technique in integration will be given this term. Also included will be an elementary discussion of curve fitting and methods of approximation.

Tuesday, 7:15, room 108.

UPPER-DIVISION COURSE

Mth 325p, 326p. **Foundations of Mathematical Statistics.** Three 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 112.

MUSIC

INSTRUCTORS: CAMPBELL, DUNCAN

LOWER-DIVISION COURSE

Mus 111p, 112p, 113p. **Elementary Harmony.** Three terms, 2 hours each term.

Formation of scales; intervals; structure, inversion, and connection of chords from the primary triads through the secondary sevenths. Application of these materials in the four-voice harmonization of rhythmic melodies. Drills in recognizing through hearing and in playing chord patterns, and in simple transpositions. The object of the course is to give not only knowledge of the accepted harmonies and their progressions but also to develop practical facility in their use. Campbell. Wednesday, 7:15, room 110.

UPPER-DIVISION COURSES

Mus 317p, 318p. **Public-School Music.** Fall and winter 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. Duncan. Thursday, 7:15, room 110.

Mus 419p, 420p. **Formal and Harmonical Analysis.** Three terms, 2 hours each term.

A close study of the structural and harmonic means employed by the great composers in achieving unity and variety in their works. Texts: Compositions by Haydn, Mozart, Beethoven, the Romantics, and Moderns. Prerequisite: consent of instructor. Campbell. Monday, 7:15, room 110.

Mus 422p, 423p, 424p. **History of Music.** Three terms, 2 hours each term.

Fall term: Music of the Eighteenth Century. A study of the classical period from Bach to Schubert. Music as an expression of the life and spirit of the age. Much music will be used in illustration.

Winter term: Music of the Nineteenth Century. The Romantic movement as expressed in music, covered the period from Beethoven to Brahms. Parallel tendencies in the other arts will be noted.

Spring term: Contemporary Music. Music from the turn of the century to the present day. The various schools and movements. Modern trends. Close listening to a varied selection of recent and contemporary works.

Campbell. Tuesday, 3:00, room D, Central library.

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

Thursday, 7:15, room 114.

PHOTOGRAPHY

INSTRUCTOR: REID

UPPER-DIVISION COURSE

Ph 361p. **Photography.** Fall term, 2 hours.

A study of the theory and practice of photography, with special reference to miniature camera technique. Negative making, developing and printing, toning, enlarging. Composition, indoor lighting, home portraiture. Each topic is taught with the aid of demonstrations. Prerequisite: photographic experience satisfactory to the instructor. Monday, 7:15, room B.

PHYSICAL EDUCATION

PROFESSOR: WASHKE. INSTRUCTORS: LENSCH, LOGAN, MEALY

UPPER-DIVISION COURSES

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 purpose; 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. Lensch. Monday, 7:15, Gymnasium.

PE 358. **First Aid.** Winter term, 2 hours.

Lectures and demonstrations in first-aid treatment for injuries, electric shock, and water first aid. Special attention given to those injuries that are liable to occur in the gymnasium or on the athletic field in the course of a physical-education program. American Red Cross first-aid certificates will be awarded. Washke. Thursday, 7:15, room 205.

PE 361p, 362p. **School Health Education.** Three 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 preventive medicine, control of infection in schools, health examinations, normal diagnosis (including special orthopedic growth deviations), and health survey procedures are selected to prepare the student as a health teacher and counselor in the high schools. Logan. Monday, 7:15, room 108.

PE 481p, 482p. **Advanced Techniques of Dance and Composition.** Fall and winter terms, 2 hours each term.

Analysis of advanced movement for the dance; a study of the time structure of dance movement through guided activities designed to improve rhythmic performance and to provide a knowledge of musical notation; a study of dance composition covering a basic analysis of the elements of form and content; the sources of material, including specialized materials such as traditional dance steps and folk and popular forms. Lensch. Wednesday, 7:15 Gymnasium.

GRADUATE COURSE

PE 551p, 552p, 553p. **Administration of Physical Education.** Three terms, 2 hours each term.

Organization and administration of physical education, health education, and recreation programs; their functions, organization, and correlation with the rest of the school program; equipment and building needs; relative and proportionate costs.

Fall term: Physical education. Washke.*Winter term:* Health education. Mealey.*Spring term:* Recreation. Lensch.

Thursday, 7:15, room 108.

PHYSIOLOGY

ASSOCIATE PROFESSOR: HANEY

UPPER-DIVISION COURSE

Phy 411p, 412p, 413p. **Human Physiology and Hygiene.** Three terms, 2 hours each term.

The course will include as its objective a knowledge of the function in health of the various organs and systems of the body and a consideration of the aspects of personal hygiene which may contribute to health. In order to achieve this objective sufficient anatomy and biochemistry will be included to enable the student without previous knowledge of the subject to gain a concept of normal body function. Demonstrations will be given when practical.

Fall term: Blood, heart, circulation, respiration.

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

Spring term: Muscle, nerve, physiology of exercise, central nervous system, vision, hearing, postural mechanisms.
Wednesday, 7:15, room 108.

POLITICAL SCIENCE

INSTRUCTOR: FREEMAN

LOWER-DIVISION COURSES

- PS 201a. **American National Government.** Fall term, 2 hours.
The organization, principles, functions, practical workings, and problems of the Federal government. Friday, 7:15, room 110.
- PS 201b, 202a. **American National and State and Local Governments.** Winter term, 2 hours.
The first half of this term is given to National Government in completion of the work of the first term. The second half begins State Government, which is completed in the third term. Friday, 7:15, room 110.
- PS 202b. **American State and Local Governments.** Spring term, 2 hours.
A study of state, local, and municipal governments in the United States as part of the general problems of government. Attention is paid to proposals for reform. Particular emphasis on Oregon problems. Friday, 7:15, room 110.

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 problem 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 202.

PSYCHOLOGY

INSTRUCTORS: HUDDLESON, HULIN

LOWER-DIVISION COURSE

- Psy 201p, 202p, 203p. **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. Section 1, Hulin, Monday, 7:15, room 114. Section 2, Huddleson, Wednesday, 7:15, room 115.

UPPER-DIVISION COURSES

- Psy 336p. **Character and Personality.** Fall term, 2 hours.
Development, functioning, and measurement of personality in normal individuals, with emphasis upon the mode of operation of the social environment on personality, rather than upon material related to abnormal psychology. Hulin, Tuesday, 7:15, room 114.

- Psy 465p. **Motivation and Adjustment.** (G) Winter term, 2 hours.
Nature of various "drives" to action and achievement and of interfering restraints; analysis of impulses and urges; studies of individual and social development of incentives; opposition to and acceptance of thwartings; direct and indirect results of disciplined attitudes and frustrations. Hulin, Tuesday, 7:15, room 114.
- Psy 471p. **Individual Differences.** (G) Spring term, 2 hours.
Survey of various theories in regard to the origin of individual differences: sex, race, physical characteristics, mental organization; influence of motives, environment, and culture on individual differences; importance of individual differences in personal, educational, and social adjustments. Hulin, Tuesday, 7:15, room 114.

GRADUATE COURSE

- Psy 507p. **Seminar in Association.** Three terms, 2 hours each term.
Doctrines of association, as related to habit formation, memories and imagination, imagery, attention, complexes and diagnosis of mental ailments, conception, illusions, and hallucinations. 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. 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. 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. Matson, Section 1, Monday, 7:15, room 203. Section 2, Wednesday (*fall term only*), 7:15, room 203.

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. 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. Collier. Thursday, 7:15, room 103.

SOCIOLOGY

PROFESSORS: CREECH, GLOYN, HULME, ONTHANK. INSTRUCTOR: FREEMAN

LOWER-DIVISION COURSE

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

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

Winter term: Social Interaction. The nature of contacts and reciprocal give and take processes among the various groups and types of human beings; analysis of the development of social personality; interactions of the racial, national, occupational, religious, and educational groupings, with references to social factors contributing to conflicts and cooperation, and the consequent results upon the interacting persons and groups.

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

Gloyn. Tuesday, 7:15, room 110.

UPPER-DIVISION COURSES

Soc 411, 412, 413. Advanced Personnel Practice. Three terms, 2 hours each term.

An applied course given for members of the staff of the Bonneville Power Administration. Open to others with the consent of the instructor. Onthank. Wednesday, 7:15, room 309.

Soc 447p. Social Problems and Social Work. Winter term, 2 hours.

The course will utilize case work material to show how society, expressing itself through various welfare agencies, endeavors to deal with social problems inherent in the system. Intended primarily for those not presently engaged in field work with a relief agency, but who may have had experience in social work—full time, part time, or as a volunteer—also open to those who lack such experience but with a general introduction to the field of social work. The course will be useful from a vocational guidance standpoint. Creech. Monday, 7:15, room 104.

Soc 451p, 452p-a. History of Social Thought. (G) Three terms, 2 hours each term.

Fall term: Greece and Alexander the Great. 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.

Winter term: The Renaissance. Dante and the Middle Ages. Petrarch and the classical renaissance. Resurgence 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.

Spring term: 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.

Hulme. Friday, 7:15, room 204.

Soc 464p. Problems of Social Institutions: Public Welfare Administration. (G) Winter term, 2 hours.

Intended for the professional social worker, this course will trace the historical development of social agencies in the public and private fields in their relation to social conditions of the past and present. Beginning with the poor law, the growth of modern state public welfare programs for dependent, defective, and delinquent groups in the nineteenth century will be studied. The growth and place of such privately supported institutions and agencies as the settlements, the charity organization societies, and the child-caring agencies will be shown. Creech. Wednesday, 7:14, room 111.

Soc 472p. Contemporary Social Movements. (G) Fall term, 2 hours.

An analysis of movements on the part of classes and groups who challenge the existing order; the programs advanced. Social reform movements proposed and on trial. A consideration of the conditions and trends involved in social change of which contemporary social movements are a natural expression. The emphasis is upon programs affecting the social order as a whole, rather than upon movements of minority groups for selfish group interest. Freeman. Wednesday, 7:15, room 111.

SPANISH

PROFESSOR: YOUNG

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 and the College.

LOWER-DIVISION COURSES

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

The rudiments of the Spanish language. Pronunciation. Pronunciation and the fundamental rules of syntax will be taught by means of oral drill and written exercises. The reading of a simple text will furnish the basis of conversation. Tuesday, 7:15, room 113.

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

A rapid review of grammar, advanced work in syntax, writing of short essays, and reading of typical works by modern authors. Conversational exercises will be based upon easy Spanish narrative prose. The work will be conducted as far as possible in Spanish. Friday, 7:15, room 113.

UPPER-DIVISION COURSES

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

Presupposes knowledge of Spanish grammar. Conducted as far as possible in Spanish. The difficulty of the conversation will increase as the course progresses. Wednesday, 4:15, room C, Central library. Instructor to be announced.

RL 353, 354, 355. **Commercial Spanish.** Three terms, 2 hours each term.

Spanish commercial correspondence, business forms, industrial readings, conversation. A study of Latin-American countries. Prerequisite: consent of instructor. Wednesday, 7:15, room 317. Instructor to be announced.

ZOOLOGY

ASSOCIATE PROFESSOR: GORDON. INSTRUCTORS: FOULK, TAYLOR

LOWER-DIVISION COURSE

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

Fall terms The structure and function of the cell. A survey of the phyla of the animal kingdom, including classification, the structure of typical forms, the role of parasitic forms in human disease. In the laboratory various protozoa and the lower phyla of invertebrates are studied.

Winter term: A number of general topics are considered; the faunal regions of Oregon, the world distribution of animals, animal ecology, embryology, the geological history of animals, the evidences and theories of evolution, and animal behavior. In the laboratory the higher invertebrate phyla are studied.

Spring term: Genetics. Anatomy and physiology with special emphasis on the human. In the laboratory vertebrate anatomy and development is studied.

Gordon (fall and winter terms) and Taylor (spring term). Lecture, Tuesday, 7:15, room 317.

Fouk. Laboratory, Thursday, 7:15, room 316.

Schedule of Classes

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

Course	MONDAY, 7:15 P.M.	Instructor	Room
ART			
Ed 408p. Special Teaching Methods in Art Modern Art Curriculum (fall and winter terms)	Wuest		301
BACTERIOLOGY			
Bac 348p, 349p. Bacteriology and Communicable Diseases	Sears		317
BUSINESS ADMINISTRATION			
BA 111p, 112p-a. Constructive Accounting I	Janney		106
BA 401p. Research: Advanced Income Tax Procedure (winter and spring terms)	Davidson & Pattulo		105
BA 439p, 440p, 441p. Advertising	Kuhn		112
BA 478p. Problems of Life Insurance (fall term)	Strong		111
BA 480p. Life Insurance (winter and spring terms)	Strong		111
BA 482p. Real Estate: Appraisals (fall term)	Draper		104
DRAMA			
Eng 141p, 142p, 143p. Voice and Diction	Matson		203
EDUCATION			
Ed 408p. Special Teaching Methods in Art: Modern Art Curriculum (fall and winter terms)	Wuest		301
Ed 548p. Liberalism and Modern Education (G) (fall term)	Almack		202
ENGINEERING			
ME 461p. Heating and Air Conditioning (fall and winter terms)	Taylor		113
ENGLISH			
Eng 117p, 118p, 119p. Good Usage in Speech and Writing	Culver		115
Eng 447p, 448p, 449p. Seventeenth Century Literature	Parsons		107
FRENCH			
RL 5b, 6. Fourth Course in French	Beattie		116
GERMAN			
GL 1, 2a. First Course in German	Spaulding		205
HISTORY			
Hst 341p, 342p-a. Modern Europe	Hulme		204
MUSIC			
Mus 419p, 420p. Formal and Harmonical Analysis	Campbell		110
PHYSICAL EDUCATION			
PE 324p, 325p, 326p. Rhythmic Activities	Lensch		Gym
PE 361p, 362p. School Health Education	Logan		108
PHOTOGRAPHY			
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MUSIC		
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Ed 490p. Character Education (G) (fall term)	Almack	105
Ed 561p, 562p. Advanced Educational Psychology (winter and spring terms)	Huffaker	105
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CE 383p. Reinforced Concrete (fall and winter terms)	Griffith and Holcomb	208
ENGLISH		
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GERMAN		
GL 331p. The German Short-Story (fall term)	Spaulding	205
GL 412p. The Modern German Novel (winter and spring terms)	Spaulding	205
HISTORY		
Hst 371p, 372p-a. History of the United States	Culbertson	111
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POLITICAL SCIENCE		
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CENTRAL LIBRARY

MONDAY, 4:00 P.M.

GERMAN		
GL 384, 385, 386. German Conversation and Composition	Spaulding	D

TUESDAY, 3:00 P.M.

Music		
Mus 422p, 423p, 424p. History of Music	Campbell	D

TUESDAY, 4:15 P.M.

PSYCHOLOGY		
Psy 507p. Seminar in Association	Hulin	C

WEDNESDAY, 4:15 P.M.

FRENCH		
*RL 311p, 312p, 313p. French Literature	Beattie	G
RL 429p, 430p, 431p. French Culture and Civilization	Beattie	G
* Note: Either RL 311p, 312p, 313p or RL 429p, 430p, 431p will be given but not both.		
SPANISH		
RL 347, 348, 349. Spanish Composition and Conversation		C

THURSDAY, 4:00 P.M.

ENGLISH		
Eng 357p, 358p, 359p. The European Novel	Parsons	E

THURSDAY, 4:15 P.M.

EDUCATION		
Ed 316. Oregon School Law and System of Education (fall term)	Inlow	H
Ed 499p. Criticism of Current Educational Theory (winter term)	Inlow	G
GEOGRAPHY		
Geo 480p. Geography of South America (fall and winter)	Lomax and Appleton	C

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HISTORY		
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Ec 507. Economics Seminar	French	C
EDUCATION		
Ed 511p. Modern Educational Principles and Problems	Huffaker	G
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Eng 507. Seminar in Special Authors	Ernst	E
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Hst 501. History Research	Clark	F
Hst 503. History Thesis	Clark	F
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HISTORY		
Hst 505. Reading and Conference	Clark	F
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ECONOMICS		
Ec 401. Economic Research	French	C
Ec 501. Research in Economics	French	C
Ec 503. Thesis	French	C
EDUCATION		
Ed 503. Thesis	Huffaker	G
ENGLISH		
Eng 503. Thesis	Ernst and Parsons	E

PORTLAND CIVIC THEATRE

(4 N.W. 23rd Avenue)

MONDAY, 7:15 P.M.

DRAMA		
Eng 840p. Direction of School and Community Plays (fall term)	Marye	
Eng 844p. Make-up (winter term)	Reynolds	

TUESDAY, 7:30 P.M.

DRAMA		
Eng 842p-b, 843p. Technique of Acting (Advanced)	Smith	

WEDNESDAY, 7:30 P.M.

DRAMA		
Eng 842p-b, 843p. Technique of Acting (Advanced)	Smith	

THURSDAY, 7:30 P.M.

DRAMA		
Eng 841p, 842p-a. Technique of Acting (Beginning)	Matson	

6th FLOOR, KRAEMER BUILDING

(206 S. W. Washington Street)

<i>Course</i>	<i>PROFESSOR HINSHAW</i>	<i>Time</i>
MONDAY		
ART		
AA 144p, 145p. Freehand Drawing		4:00 P.M.
AA 890p. 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, 146p. Freehand Drawing7:15 P.M.

THURSDAY

ART
AA 292p. Creative Composition4:00 P.M.
AA 890p. Painting2:00 P.M.
AA 892p. Head and Figure Drawing7:15 P.M.
AA 490p. Advanced Painting2:00 P.M.

3rd FLOOR MEDICAL SCHOOL

THURSDAY, 7:15 P.M.

BACTERIOLOGY
Bac 352p. Communicable Diseases Laboratory SullivanBacteriology
Laboratory

FRIDAY, 7:15 P.M.

BACTERIOLOGY
Bac 351p. General Microbiology Laboratory SullivanBacteriology
Laboratory

ST. HELEN'S HALL HOME ECONOMICS LABORATORY
(1855 S.W. 13th Avenue)

TUESDAY AND THURSDAY, 7:00 P.M.

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FL 211p, 212p, 213p. Foods Robinson

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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.

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

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