

*Portland  
Summer  
Session*

June 18-August 10  
**1956**

GENERAL  
EXTENSION  
DIVISION  
BULLETIN



*Portland  
Extension  
Center*



OREGON STATE SYSTEM OF HIGHER EDUCATION

General Extension Division  
**BULLETIN**

EUGENE SERIES NO. 38

APRIL 1956

Entered as second-class matter August 25, 1950 at the Post Office at Eugene, Oregon, under act of August 24, 1912. Published four times a year, in April, May, on July 10 and July 20, by the Oregon State Board of Higher Education, Eugene, Oregon.

COVER PHOTO—Scene along the highway which follows the Old Oregon Trail, east of Portland, near Bonneville dam. (Color plates courtesy Oregon State Highway Department)

**Oregon State System  
of Higher Education**

**GENERAL  
EXTENSION  
DIVISION**

**BULLETIN**

**Portland Summer Session**

**Eight-Week Session**

**June 18-August 10**

**Summer Session 1956**

## 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 survey of higher education in Oregon by the U. S. Office of Education, includes all the state-supported institutions of higher education. The several institutions are elements of 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, Portland State College at Portland, Oregon College of Education at Monmouth, Southern Oregon College of Education at Ashland, and Eastern Oregon College of Education at La Grande. The Medical School and the Dental School are located in Portland. The General Extension Division, representing all the institutions, has headquarters in Portland and offices in Eugene and Corvallis.

Each of the institutions provides the general studies fundamental to a well-rounded education. At the three colleges of education and Portland State College, students may complete major work in teacher education or general studies or enroll in a preprofessional program.

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

An interinstitutional booklet, *Your Education*, which outlines the curricula of the several institutions and contains other information, is available. For a copy, write to Division of Information, Board of Higher Education, Eugene, Oregon.

## Table of Contents

	Page
OREGON STATE SYSTEM OF HIGHER EDUCATION.....	2
STATE BOARD OF HIGHER EDUCATION.....	4
MAP.....	5
ACADEMIC CALENDAR.....	6
FACULTY.....	7
GENERAL INFORMATION.....	11
DESCRIPTION OF COURSES.....	19
Anthropology.....	19
Art.....	19
Business Administration.....	20
Driver Education.....	21
Economics.....	21
Education.....	22
English.....	30
Foreign Languages.....	31
General Studies.....	32
Geography.....	32
Health and Physical Education.....	32
History.....	33
Home Economics.....	34
Journalism.....	35
Mathematics.....	35
Music.....	35
Philosophy.....	36
Political Science.....	36
Psychology.....	37
Science.....	38
Chemistry.....	38
General Science.....	38
Physics.....	39
Science Education.....	39
Secretarial Science.....	40
Sociology.....	40
Speech.....	41
SCHEDULE OF CLASSES.....	43
GENERAL EXTENSION DIVISION ADMINISTRATION.....	48
OREGON STATE SYSTEM OF HIGHER EDUCATION.....	49
OREGON STATE SYSTEM ADMINISTRATION OFFICERS.....	50
THE DEPARTMENT OF STATE-WIDE SERVICES.....	<i>Inside back cover</i>

## State Board of Higher Education\*

	Term Expires
CHERYL S. MACNAUGHTON, Portland.....	1957
BERNARD MAINWARING, Salem.....	1957
HERMAN OLIVER, John Day.....	1958
LEIF S. FINSETH, Dallas.....	1958
R. E. KLEINSORGE, Silverton.....	1959
WILLIAM E. WALSH, Coos Bay.....	1959
HENRY F. CABELL, Portland.....	1960
CHARLES R. HOLLOWAY, JR., Portland.....	1961
A. S. GRANT, Baker.....	1962

### Officers

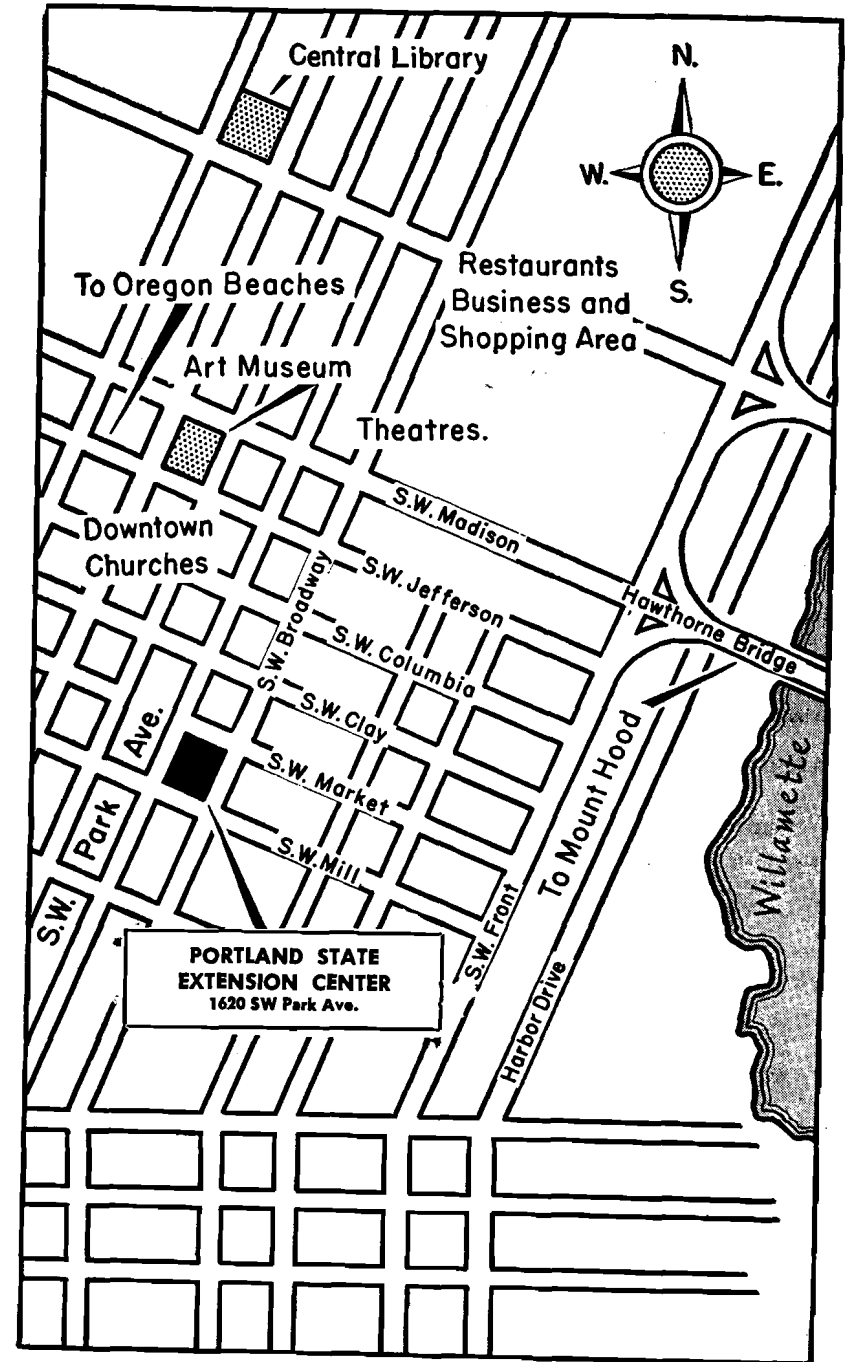
R. E. KLEINSORGE.....	President
HENRY F. CABELL.....	Vice-President
LEIF S. FINSETH.....	Member, Executive Committee

JOHN R. RICHARDS, Ph.D., Chancellor

EARL M. PALLETT, Ph.D., Secretary of Board

Office of the State Board of Higher Education  
Eugene, Oregon

\* Board members are appointed to six-year terms by the Governor of Oregon with confirmation by the State Senate.



# 1956 Portland Summer Session

## Academic Calendar

June 18, *Monday*, Registration. (Students may preregister June 11-15, Monday through Friday, 8:00-5:00.)

June 19, *Tuesday*, Classes begin.

June 20, *Wednesday*, Last day to enter class without instructor's signature.

June 21, *Thursday*, Late fee begins. Last day to change program without change of program fee.

June 25, *Monday*, Last day to register or to make program changes.

June 25, *Monday*, Last day to withdraw without responsibility for grades.

July 4, *Wednesday*, Holiday.

August 9-10, *Thursday and Friday*, Final Examinations.

August 10, *Friday*, Portland Summer Session ends.

NOTE: Registration of courses of less than eight weeks duration will be taken no later than the third day of the course.

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

# 1956 Portland Summer Session

## Administration and Staff

JOHN R. RICHARDS, Ph.D., Chancellor, Oregon State System of Higher Education.  
PHILIP G. HOFFMAN, Ph.D., Dean, General Extension Division; Director, Portland Summer Session.

\*JAMES C. CAUGHLAN, Ph.D., Assistant Dean, General Extension Division; Director, Portland Extension Center.

DONALD R. LARSON, B.A., Assistant to the Dean, General Extension Division; Director, Information Services.

CLARK SPURLOCK, D.Ed., Assistant Director, Portland Extension Center.

HOWARD IMPECOVEN, Ed.D., Registrar, General Extension Division.

HELEN R. WILDERMAN, B.A., Assistant Registrar, General Extension Division.

LESLIE B. NEWHOUSE, M.B.A., Business Manager, General Extension Division.

JEAN PHYLLIS BLACK, Ph.D., Librarian, General Extension Division.

JOHN F. JENKINS, Ed.M., Director Housing and Activities, Portland Summer Session.

MARIE E. BROWN, Secretary, Portland Summer Session.

DOROTHY GUMESON, Secretary of Summer Sessions, General Extension Division.

THEODORE C. W. GRAMS, M.S. in L.S., Catalog Librarian, General Extension Division.

KENNETH W. BUTLER, B.A., Reference and Audio-Visual Librarian, General Extension Division.

LEORA F. LARIVIERE, B.L.S., Circulation Librarian, General Extension Division.

## Faculty

E. DEAN ANDERSON, D.Ed., Associate Professor of Education, Portland State College and Portland Extension Center.

D. HOWARD BACKLUND, M.Ed., Assistant Professor of Secretarial Science, Portland State College.

WESLEY C. BALLAINE, Ph.D., Professor of Business Administration; Director, Bureau of Business Research, University of Oregon.

MALCOLM C. BAUER, B.S., Associate Editor, *The Oregonian*.

MIRIAM BENNEE, D.Ed., Associate Professor of Education, Goucher College.

GRACE BENTALL, M.A., Consultant, Remedial Reading, Portland Public Schools.

FRANCIS W. BITTNER, M.A., Assistant Professor of Piano, University of Oregon.

MERL E. BONNEY, Ph.D., Professor of Education and Psychology, North Texas State College.

RALPH L. BOYD, Ph.D., CPA, Professor of Business Administration, Portland Extension Center and Portland State College.

ROBERT D. BOYD, Ph.D., Associate Professor of Psychology, University of Oregon.

CHARLES S. BRANT, Ph.D., Social Science, Sarah Lawrence College.

CLARKE H. BROOKE, JR., M.A., Instructor in Geography, Portland State College and Portland Extension Center.

CHARLES T. BUMER, Ph.D., Professor of Mathematics; Chairman of Department, Clark University.

\* On sabbatical leave to June 30, 1956.

J. RICHARD BYRNE, Ph.D., Instructor in Mathematics, Portland State College.  
 HARRY H. CALDWELL, Ph.D., Associate Professor of Geography, University of Idaho.  
 MARY A. CHOATE, Ed.D., Assistant Professor of Education, University of Oregon.  
 QUENTIN D. CLARKSON, Ph.D., Instructor in Biology, Portland State College.  
 FREDERICK J. COX, Ph.D., Associate Professor of History, University of Alabama.  
 AMO DEBERNARDIS, D.Ed., Assistant Superintendent, Portland Public Schools.  
 NAOMI DIETZ, M.A., Assistant Professor of Art Education, Portland Extension Center and Portland State College.  
 WILL DRUM, M.A., J.D., Associate Professor of Sociology, University of Oregon and Portland Extension Center.  
 FRANK F. EATON, J.U.D., Assistant Professor of German and Mathematics, Portland State College.  
 ROBERT H. ENGLISH, M.A., Instructor, Speech Clinician, General Extension Division.  
 LOUISE FELDMAN, M.A., Speech and Hearing Therapist, Portland Center for Hearing and Speech.  
 PHILIP H. FORD, Ph.D., Instructor in English, Portland State College and Portland Extension Center.  
 HOYT C. FRANCHERE, Ph.D., Professor of English, Portland State College and Portland Extension Center; Chairman, Division of Humanities, Portland State College.  
 CHARLES J. GAUPP, JR., Ph.D., Associate Professor of Speech, Portland Extension Center and Portland State College.  
 JESSE L. GILMORE, Ph.D., Assistant Professor of History, Portland State College and Portland Extension Center.  
 MARGARET GREENSLADE, M.S., Assistant Professor of Physical Education, Portland State College and Portland Extension Center.  
 GEORGE V. GUY, M.A., Assistant Professor of Education, Portland Extension Center and Portland State College.  
 RICHARD B. HALLEY, M.S., Assistant Professor of Economics, Portland State College.  
 JAMES S. HART, Ph.D., Instructor in English, Portland State College and Portland Extension Center.  
 FREDERICK H. HEIDEL, B.S., B.F.A., Assistant Professor of Art, Portland State College.  
 PAULUS A. HEIST, M.A., Associate Professor of Psychology, Oregon State College.  
 E. HUGH HINDS, M.A., Assistant Professor of Business Administration, Portland State College.  
 PHILIP G. HOFFMAN, Ph.D., Professor of History; Dean, General Extension Division.  
 GEORGE C. HOFFMANN, Ph.D., Professor of History, Portland State College and Portland Extension Center; Chairman, Division of Social Science, Portland State College.  
 JOSEPH V. HOLLAND, M.Ed., Assistant Professor of Physical Education, Portland State College and Portland Extension Center.  
 RUTH E. HOPSON, Ph.D., Associate Professor of General Science, General Extension Division and Portland State College.  
 ERRETT E. HUMMEL, D.Ed., Professor of Education, Portland State College and Portland Extension Center; Assistant to the President, Portland State College.  
 IVAN ICKES, M.Ed., Principal, Chapman Elementary School, Portland.  
 IDA INCALLS, M.A., Associate Professor of Clothing, Textiles and Related Arts, Oregon State College.  
 JOHN F. JENKINS, M.Ed., Assistant Professor of Education, Portland State College.  
 ROBERT E. JEWETT, Ph.D., Associate Professor of Education, Ohio State University.  
 MITCHELL W. KERR, Ph.D., Instructor in Social Science, Portland State College and Portland Extension Center.  
 ELWOOD A. KRETSINGER, Ph.D., Assistant Professor of Speech; Acting Production Director, University Radio Studios, University of Oregon.

ERWIN F. LANCE, D.Ed., Professor of Chemistry, Portland State College and Portland Extension Center.  
 DORRIS M. LEE, Ph.D., Acting Assistant Professor, School of Education, Washington State College.  
 JAMES V. LILL, Ph.D., Assistant Professor of English, Portland State College.  
 HEROLD LILLYWHITE, Ph.D., Associate Professor of Speech, General Extension Division.  
 VERNON L. LONG, M.A., Instructor in Physics, Lewis and Clark College.  
 ERNEST F. LUDWIG, Ph.M., Director of Guidance, Public Schools; Principal, Wilson Junior High School, Manitowoc, Wisconsin.  
 WILLIAM J. McANALLEN, M.A., Instructor in Speech, Portland State College and Portland Extension Center.  
 JAMES A. MACNAB, Ph.D., Professor of Biology, Portland State College and Portland Extension Center.  
 MORTON MALTER, Ph.D., Associate Professor of Education, Portland State College and Portland Extension Center.  
 GERALD MEINDL, LL.B., Attorney at Law, Portland.  
 JOHN R. MICKELSON, Ph.D., Instructor in Chemistry, Portland State College.  
 JENNELLE V. MOORHEAD, M.S., Associate Professor of Health Education, General Extension Division.  
 DAVID H. NEWHALL, Ph.D., Associate Professor of Philosophy, Portland State College and Portland Extension Center.  
 AMOS E. NEYHART, M.S., Administrative Head, Institute of Public Safety, Pennsylvania State College; Consultant on Driver Education, American Automobile Association.  
 WILLIAM C. NUTTING, Ed.D., Associate Professor of Education, University of Utah.  
 DOUGLAS OLDS, M.A., Superintendent, Forest Grove Union High School.  
 EGBERT S. OLIVER, Ph.D., Professor of English, Portland Extension Center and Portland State College.  
 K. ELLSWORTH PAYNE, M.Ed., Assistant Professor in General Science, Portland State College and Portland Extension Center.  
 VERA D. PETERSEN, Ed.D., Associate Professor of Education, Portland State College and Portland Extension Center.  
 VICTOR N. PHELPS, D.Ed., Associate Professor of Education, Portland State College and Portland Extension Center.  
 RICHARD J. PRASCH, M.F.A., Instructor in Art, Portland State College.  
 WILLIAM P. RHODA, D.Ed., Associate Professor of Physical Education, University of Oregon.  
 FRANK L. ROBERTS, Ph.D., Associate Professor of Speech, Portland State College and Portland Extension Center.  
 KATHRYN E. ROTRUCK, Instructor of Clothing Construction.  
 ERNEST NELSON SANDGREN, M.F.A., Assistant Professor of Art, Oregon State College.  
 JOHN A. SCHULZ, Ed.D., Associate Professor of Psychology, General Extension Division.  
 LYLE W. SHANNON, Ph.D., Assistant Professor of Sociology, University of Wisconsin.  
 DONALD P. SITES, M.S., Associate Professor of Music, Oregon State College.  
 RONALD E. SMITH, Ph.D., Instructor in Psychology, Portland State College and Portland Extension Center.  
 RONALD O. SMITH, M.A., Supervisor of Social Studies, Portland Public Schools.  
 DON S. SOMERVILLE, M.A., Associate Professor of Radio Education, General Extension Division.  
 WILLARD B. SPALDING, Ed.D., Professor of Education, Portland State College and Portland Extension Center; Chairman, Division of Education, Portland State College.

- ROBERT SPERRY, M.F.A., University of Washington.  
 JOHN H. STEHN, M.S., Professor of Music, Portland Extension Center and Portland State College.  
 DONALD W. STOTLER, D.Ed., Supervisor of Science, Portland Public Schools.  
 JOHN M. SWARTHOUT, Ph.D., Professor of Political Science; Chairman of Department, Oregon State College.  
 WARREN TAYLOR, Ph.D., Professor of English, Oberlin College.  
 VERNON THOMAS, M.A., Instructor, Portland Public Schools.  
 MATTHEW R. THOMPSON, Ed.D., Associate Professor of Science, Oregon College of Education.  
 ORVAL L. ULRY, Ph.D., Associate Professor of Education, Miami University.  
 MARSHALL D. WATTLES, Ph.D., Associate Professor of Economics, University of Oregon.  
 LORETTA WAWRZYNIAK, M.A., Instructor in Romance Languages, University of Oregon.  
 HILDEGARD M. WEISS, M.A., Assistant Professor of English, Portland State College.  
 HOWARD E. WESTCOTT, D.Ed., Assistant Professor of Physical Education, Portland State College.  
 RUTH WIDMAYER, Ph.D., Assistant Professor of Political Science, Portland State College and Portland Extension Center.  
 ROBERT R. WIEGMAN, Ed.D., Associate Professor of Education, Portland Extension Center and University of Oregon.  
 DERYL L. WOOD, M.S., Instructor, Speech Clinician, General Extension Division.

## General Information

The thirty-ninth annual Portland Summer Session will provide day-time offerings of both graduate and undergraduate courses based on the resources, curricula, and facilities of all the correlated schools which comprise Oregon's unified state system of higher education.

Particular emphasis is placed on elementary and secondary teacher education, but programs toward fulfillment of other educational objectives may be arranged from selections in the arts and sciences and professional schools.

A student may earn 12 term hours of credit in the eight-week session. Such work may be counted as residence credit at University of Oregon, Oregon State College, Portland State College, or at one of the three Oregon Colleges of Education, provided that the institutional degree and residence requirements for campus attendance are met.

**LOCATION.** The Portland Extension Center building is located at 1620 S. W. Park Avenue, Portland 1, Oregon. The telephone number is Capitol 2-3201. Most classes are in this building. General Extension Division and summer session administrative offices are located south of the classroom building at 1724 S. W. Park Avenue. The offices of the registrar and business manager, at 1734 S. W. Park Avenue, are open from 8:00 a.m. to 5:00 p.m. weekdays and 9:00 a.m. to 11:30 a.m. on Saturdays.

**ADMISSION AND DEGREES.** The only requirement for admission to Portland Summer Session is ability to do the work. Students, except veterans, should submit transcripts only if continued full-time enrollment with Portland Extension Center is planned. Veterans who register under any benefit plan may be required to file a transcript of all previous work. All students who seek degrees or certificates from one of the degree-granting units of the Oregon state system of higher education must satisfy admission requirements prevailing for the school of their choice at the time such admission is granted.

Information concerning admission, advanced standing, transfer of credits, and graduation requirements may be obtained from registrars of individual institutions within the state system.

**ACADEMIC CREDIT LIMITATIONS.** Twelve *term hours*\* is the general maximum of credit which a student may earn in the eight-week summer session. Undergraduates enrolling for certain combinations of courses may petition for permission to carry a maximum of thirteen hours. No exception to the twelve-hour rule is permitted in courses taken for graduate credit.

\* Term hours (Quarter hours) may be converted to semester hours by multiplying the number of term hours by  $\frac{2}{3}$ . Semester hours may be converted to term hours by multiplying the number of semester hours by  $1\frac{1}{2}$ .

**CREDIT TOWARD GRADUATE DEGREES.** In Portland Summer Session, Portland Extension Center, and in other departments of General Extension Division, a graduate student may complete all work required for the *Master of Education* degree except twelve hours, which must be completed in residence either at the University of Oregon or Oregon State College. For the *Master of Science in Education* from one of the Oregon Colleges of Education, all work except twelve term hours may be done at Portland Extension Center and other departments of General Extension Division. All or the greater portion of the work toward the *Master of Arts in General Studies\** may be completed in Portland.

Fifteen term hours of work toward the *Master of Arts* (departmental), or the *Master of Science* or *Master of Science in General Studies* degree may be completed in Portland with approval of the candidate's major department at the degree-granting institution.

The *Master of Education* (M.Ed.) is regarded as a professional teaching degree and not necessarily as a research degree. No thesis or field study is required, but a thesis or field study is expected of majors in school administration. A well-integrated program is planned for each individual candidate in order to improve his educational service as a teacher, supervisor, or administrator. Each program embraces: (1) a common core of required courses; (2) an area of concentration which provides a complex of courses organized to meet the special interests and needs of the students. For the University of Oregon both the qualifying and final examinations are written. Oregon State College requires a written and an oral final examination, but no qualifying examination. Graduate work for the degree of *Master of Education* may be pursued with specialization in either the elementary or secondary fields. For the *Master of Science in Education* from one of the Colleges of Education, a core of eighteen professional hours and nine hours of general courses is included in the requirements. The foregoing patterns are based on the assumption that teaching is a developing profession which requires a properly organized series of carefully planned courses, together with some opportunity for elective work.

Graduate students enrolling in the summer session who wish to apply their Oregon credits toward advanced degrees at one of the institutions within the Oregon State System of Higher Education should make application for admission to the graduate school selected and take the qualifying examination† at the earliest opportunity.

**GRADING SYSTEM.** The grading system consists of four passing grades: *A, B, C, D*; failure, *F*; incomplete, *Inc.*; withdrawn *W*. *A* denotes excep-

\* *Master of Arts in General Studies* is a research degree open only to those individuals who possess a research interest and whose broad academic background makes them eligible for graduate work embracing several major departments. A thesis is required. The degree may be taken at either University of Oregon or Oregon State College. Under favorable circumstances all work toward this degree at Oregon State College may be taken in Portland, but the University requires that candidates earn at least fifteen term hours in campus enrollment.

† Qualifying examinations will be administered during the Summer Session at times and places to be announced.

tional accomplishment; *B*, superior; *C*, average; *D*, inferior. Students may withdraw from a course by filing the proper card in the Registrar's office within the stipulated time limit. A student who discontinues attendance in a course without official withdrawal receives a grade of *F*.

**COURSE NUMBERING SYSTEM.** Courses in this catalog follow the course numbering system of the state system of higher education. Lower-division (freshman and sophomore) courses are numbered below 300. Upper-division (junior and senior) courses are numbered from 300 to 499. Courses numbered 400-499 with a (*G*) following the title may be taken for either *major* or *minor* graduate credit. A (*g*) following the title of a 400-series course indicates that the course is approved for graduate minor credit only. Strictly graduate courses are numbered 500-599.

For the convenience of students using this catalog the letters, *U, S, C,* and *E* appear in the left margin before course descriptions. The letter *U* refers to University of Oregon, *S* to Oregon State College, *P* to Portland State College, *C* to the Colleges of Education, and *E* to General Extension Division. These indicate that the accompanying course appears in the catalog of the institution designated and is a regular offering of that institution.

## Special Education

**CERTIFICATION.** Offerings in special education in the Portland Summer Session are scheduled so that students may complete certification requirements for teachers of the handicapped and in the special areas of reading and hearing disabilities.

**CLINIC.** A demonstration clinic for children with reading disabilities, speech handicaps, retardation, and emotional disturbances will be housed in Shattuck school, 1914 S. W. Park avenue. Limited opportunities for observation for summer session students other than those in special education are available. Arrangements must be made in advance with the Director of the Clinic at Shattuck school.

## Demonstration School

A six-room elementary demonstration school will be operated at Shattuck school, 1914 S. W. Park avenue. Students, other than those enrolled in supervised teaching, who wish to visit must make arrangements in advance with the principal of the school.

## Art

Six-week courses in lower division sculpturing and painting will be offered in cooperation with the Museum Art School, S. W. Park and Madison streets.



## Painting Workshop

Klamath Falls, Oregon

August 13-24

This workshop is sponsored jointly by the General Extension Division of the Oregon State System of Higher Education and the Klamath Art Association. University of Oregon credit will be granted. Opportunity will be afforded to study in oil, water color and other media. Instructor: David J. McCosh, Professor of Art, University of Oregon. Students may register for 2 hours of credit in either AA 290 Painting, AA 391 Water Color, or AA 490 Advanced Painting. For further information, contact the General Extension Division, 1250 Emerald Street, Eugene.

## Teacher Certification Program

Portland Summer Session will offer undergraduate and graduate courses which will enable teachers to prepare for certification while working toward advanced degrees. Required courses for either regular or emergency elementary certification are available, as are courses in fulfillment of secondary certification requirements. Teachers and administrators seeking to fulfill requirements for the various certificates, including administrators certificates and certificates to teach handicapped children, should consult an adviser, or refer to *Oregon Rules and Regulations Governing the Certification of Teachers*, an annual publication of the Superintendent of Public Instruction, Salem, Oregon.

## Facilities and Special Events

**LIBRARIES.** Portland Extension Center Library, located on the second floor of the Center building, will be open from 7:30 a.m. to 4:30 p.m. Mondays through Fridays.

In addition to Portland Extension Center Library, the Portland Central Library collection, totaling more than three-fourths of a million volumes, is available to Summer Session students. Portland Central Library is located at 810 S. W. 10th avenue. It is open from 9:00 a.m. to 9:00 p.m. week days and from 9:00 a.m. to 6:00 p.m. on Saturdays. The Library will be closed on Sundays.

**TEXTBOOKS AND SUPPLIES.** All required texts and supplies may be purchased from the Cooperative Bookstore located in the basement of the Center building.

**HOUSING.** Portland Summer Session has no housing of its own, but an effort will be made to find accommodations for both faculty and students. Requests should be addressed to John F. Jenkins, 1620 S. W. Park avenue, Portland 1, Oregon.

**CAFETERIA.** Breakfasts and lunches will be served in the cafeteria which, with a snack and coffee bar, is located in the basement of the Center building. The cafeteria opens for service at 7:30 a.m. Monday through Friday.

**PUBLICATIONS.** *The Summer Signal*, a weekly newspaper devoted exclusively to summer-session news and designed to provide practical experience in school journalism, is published by Portland Summer Session for students and faculty.

**ASSEMBLIES.** Each Wednesday from 10:00 to 10:50 a.m. there will be an assembly in the auditorium. Programs will consist of music, plays, readings, and addresses. (Classes scheduled will meet.)

**RECREATION.** Summer session students can enjoy the varied recreational facilities of the Portland metropolitan area. Conveniently located parks and playgrounds, swimming pools, golf courses and tennis courts, theaters and musical events, Portland Art Museum, and excellent library services are available. In addition, Portland offers very easy access to the beautiful beaches of the famed Oregon coast, and to alpine resorts in the surrounding mountain ranges. A summer session recreational program, including organized trips and other activities, will be directed by the staff.

## Fee Schedule

(Office hours 8:00 a.m.—5:00 p.m., Monday through Friday;  
9:00 a.m.—11:30 a.m. on Saturdays).

Summer session registration fees are as follows:

FULL-TIME STUDENTS (7 credit hours or more) .....	\$65.00
GRADUATE STUDENTS employed during the summer session for at least .15 FTE services either as graduate assistants, research assistants, or fellows .....	\$25.00
<b>PART-TIME STUDENTS AND AUDITORS</b>	
(for 6 credit hours or less)—per credit hour (minimum \$16) .....	8.00
1 credit hour .....	\$ 16.00
2 credit hours .....	16.00
3 credit hours .....	24.00
4 credit hours .....	\$ 32.00
5 credit hours .....	40.00
6 credit hours .....	48.00
<b>SHORT COURSES AND WORKSHOPS</b> —Follow above schedule according to credit hour load.	
<b>STAFF FEE</b> —Per credit hour (except staff auditors) .....	\$ 3.00

(Available only to full-time employees, academic and nonacademic, of not only the teaching institution but of any unit of the higher educational system, upon approval of president's office. Maximum of four credit hours. Subject to approval of the president's office all fees and the maximum credit hour limitations may be waived for retired employees; and for staff members on leave the maximum credit hour limitation may be waived but the fee is not waived.) No fee for staff auditors.

## SPECIAL FEES

Late registration full-time students (due after third day of session), per day (not applicable to short courses).....	\$ 1.00
If institutional charges are met by a check which is returned because of any irregularity for which the student is responsible (NSF, illegible signature, improper bank account number, etc.), a fine of \$1.00 per business day will be charged. (maximum penalty, \$5.00) .....	1.00
Graduate qualifying examination fee.....	1.00-15.00

The state board of higher education reserves the right to change the schedule of fees without notice.

NOTE: \$65 covers all courses of the 8-week summer session, including all short courses begun prior to or within that period and completed by the end of the 8 weeks. For post session courses which end after regular session, student will be charged at the rate of the part-time fee, namely \$8 per credit hour.

### Fee Refund Schedule

Students whose official withdrawal from summer session has been completed in the Registrar's office may be entitled to certain refunds of registration fees paid. *Refunds in all cases are calculated from June 20 to the date of application for the refund and not from the date the student may have registered or may have ceased attending classes.* Claims for refunds must be made in writing.

### Library Fines and Charges

The following regulations govern library fines and charges:

1. A fine of five cents per day is charged for all overdue books other than reserve and "Reading Room Use Only" books.
2. A fine of 25c per day for "Reading Room Use Only" books taken from building.
3. The following fines will be charged for violation of reserve book rules: (a) For overdue books, a regular fine of twenty-five cents for the first hour and five cents for each succeeding hour, or fraction thereof, until the book is returned or reported lost. A maximum charge of one dollar per hour may be made in cases of flagrant violation of the rules; (b) For failure to return books to proper department desk, when building is open, a fine of 25c.
4. Books needed for use in library are subject to recall at any time. A maximum fine of one dollar per day may be imposed for failure to return promptly.
5. A service charge of 10c is added to all fines reported to the business office for collection.
6. Borrowers losing books will be charged the replacement cost of the book plus the amount of fine incurred up to the time the book is reported missing. In addition a charge of \$1.00 will be made to cover the cost of cataloging and processing the replacement copy.
7. When a lost book for which the borrower has been billed is returned before replacement has been ordered, a refund not exceeding the replacement cost plus the cataloging and processing charge of \$1.00 may be made at the discretion of the librarian. In cases where a replacement has been ordered, refunds to the borrower may be made at the discretion of the librarian.

## Procedures for Veterans

The following procedures have been arranged to facilitate the enrollment of veterans, and to establish their eligibility for continued educational benefits under World War II G.I. Bill (PL 346), or under "Korean" G.I. Bill (PL 550).

### World War II G.I. Bill (PL 346)

Veteran-teachers who have been enrolled in the previous summer session in the same school, and in the same course, and who have not been enrolled in some other institution since last summer, may be certified to the Veterans Administration for training on VA Form 1909 (Certificate of Re-entrance into Training) provided the veteran furnishes for attachment to the form 7-1909, a statement signed by the appropriate official of a school board or system, certifying that the veteran was employed as a teacher the preceding ordinary school year and also stating the beginning and ending dates of the school year. The ordinary school year is considered to be from September or October to May or June, and the summer school enrollment must be for a term of at least five weeks duration. The veteran must be actually enrolled and in attendance a minimum of five weeks in order to retain eligibility for subsequent summer school enrollment. The Veterans Administration accepts a minimum of 9 term hours (and 12 class sessions per week) as constituting full-time enrollment for PL 346 veterans in the summer session.

Veteran-teachers presenting a 7-1953 Certificate of Eligibility and Entitlement authorizing enrollment for the summer term will not be required to furnish the statement mentioned above.

### "Korean" G.I. Bill (PL 550)

Students who wish to avail themselves of educational benefits under the terms of this bill should present their discharge papers and establish their eligibility through the Veterans Administration Regional Office, 208 Southwest 5th avenue, Portland 4, Oregon. The process should be initiated as early as possible since two months may elapse before authorization is granted. Full time enrollment for PL 550 veterans is 11 or more term hours in the summer session.

## Other General Extension Division Services

General Extension Division is the agency of the Oregon state system of higher education by which the University of Oregon, Oregon State College, Portland State College, and the three Colleges of Education serve the people of Oregon through residence extension classes, short courses, correspondence study, visual instruction, radio programs, summer sessions, and special activities.

**PORTLAND EXTENSION CENTER.** The instructional program of fall, winter, and spring terms of Portland Extension Center consists of evening classes. Approximately 250 courses in more than 30 departments and professional schools are offered. Both graduate and undergraduate classes are scheduled, and work of these classes is of standard college or university grade.

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

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

**RADIO STATION KOAC,** Oregon's public-owned station, of which the state board of higher education is managing agency, is located at Corvallis, on the campus of Oregon State College, the licensee and operator of the physical plant. General Extension Division of the state system of higher education directs the program service. Program talent is drawn from Oregon State College, University of Oregon, Portland State College, the Oregon Colleges of Education, and from various departments of state government. In addition, many other public agencies, organizations, and individuals contribute to broadcasts. The station, established in 1925, is operated in the interest of the Oregon public. Programs are free from commercialism. KOAC operates with 5,000 watts power on a frequency of 550 kilocycles by authority of the Federal Communications Commission. Announcements of radio programs are issued periodically and will be furnished on request. Studios are located at Corvallis, Eugene, Monmouth, Salem, and in the Portland Extension Center building.

# 1956 Portland Summer Session Description of Courses

## Anthropology

Faculty: BRANT

- (U) Anth 209. **Introduction to Cultural Anthropology.** (Third Term) 3 hours. The meaning of culture; its significance for human beings; its diverse forms and degrees of elaboration among different groups of men; its processes of growth and expansion. MWThF, 9:00, Room 215.
- (U) Anth 317. **The American Indian.** (First Term) 3 hours. Indian life in Central, South, and North America before white contact; contemporary Indian life where groups still survive. Prerequisite: upper-division standing or consent of instructor. TWThF, 8:00, Room 215.
- (U) Anth 507. **Seminar: Symposium of the Social Sciences.** 3 or 6 hours. (See Ed 507. Education Seminar: Symposium of the Social Sciences.)

## Art

Faculty: DIETZ, HEIDEL, PRASCH, SANDGREN, SPERRY.

- (C) A 127. **Art Appreciation.** 3 hours. Designed to develop insight into the actual work of art and breadth in the understanding of diverse works of art. Introduction to the principal visual arts as related to daily living; to include some experience with materials. Prasch. MTWF, 11:00, Room 317.
- (U) AA 255. **Ceramics.** 3 hours. (June 18-July 27). Introduction to ceramic techniques and materials. Throwing, moulding, and hand building. Surface decoration of two- and three-dimensional surfaces. Students participate in stacking, firing, and drawing the kilns. Open to non-majors. Course fee \$20.00 in addition to registration fee. Sperry. MTWTh, 1:00 to 4:00, Art Museum.
- (U) AA 290. **Painting.** 3 hours. (June 18-July 27). Instruction in the use of oil color, water color, and other media. Course fee \$7.50 in addition to registration fee. Sandgren. MTWTh, 9:00 to 12:00, Art Museum.
- (S) AA 295. **Display Design.** 3 hours. Practical designing experience in commercial art lettering, layouts, packaging, and display advertising. Offered for pharmacy, agriculture, and business and technology students. Prasch. MTWTh, 12:00, Room 317.
- (C) A 321. **Art Fundamentals.** 3 hours. Basic information on elements of design, and representation as they are related to the needs of the student. Creative work is stressed, the student receiving actual experience in different media in studio situations. Heidel. TWThF, 8:00, Room 317.

- (C) A 322. **Art Fundamentals.** 3 hours.  
Extension of the principles of design, structural and decorative; application through various media; foundation material for design in school work. Prerequisite: A 321. Heidel, MWThF, 9:00, Room 373.
- (C) A 323. **Art Fundamentals.** (Art Education) 3 hours.  
Evaluation of the various approaches to the creative art experiences made possible in the flexible course of study. Lectures, reading, and discussions deal with recent trends of art expression in public schools. Prerequisite: A 321, 322. Dietz. MTWF, 11:00, Room 373.

See the following listed under EDUCATION:

- (C) Ed 407s. **Workshop: Creative Crafts for Children.** 3 hours. Dietz,  
(C) Ed 410. **Methods and Research Materials: Art.** (G) 3 hours. Dietz.

## Business Administration

Faculty: BALLAINE, BOYD, HINDS

- (U) BA 111, 112, 113. **Constructive Accounting.** 3 hours each.  
Technique of account construction: preparation of financial statements. Application of accounting principles to practical business problems. Required of majors; prerequisite to advanced work in business. Hinds. MTWTh, 9:00 to 12:00, Room 306.  
BA 111. June 18-July 5.  
BA 112. July 9-July 24.  
BA 113. July 25-August 9.
- (U) BA 222. **Elements of Finance.** 3 hours.  
The financial problems of corporations. Organization of corporations; how they obtain long-term funds; management of working capital; distribution of securities. Required of all majors. Prerequisite: BA 111, 112, 113 or consent of instructor. Boyd. MWThF, 9:00, Room 213.
- (U) BA 223. **Elements of Marketing.** 3 hours.  
Methods, policies, and problems. Private and cooperative channels, auctions, exchanges, middlemen; demand creation, assembly, standardization, packaging, financing, risk taking, distribution. Required of all majors. Ballaine. TWThF, 8:00, Room 104.
- (U) BA 371. **Business Techniques for Teachers.** (First Term) 3 hours.  
For prospective teachers of business subjects. Integrates the knowledge of various skills, such as typing, shorthand, office-machine operation, filing, bookkeeping, etc.; classroom problems; methods of instruction and materials in each teaching area. Demonstrations, lectures, laboratory work. Prerequisite: consent of instructor. Boyd. MTWF, 11:00, Room 214.
- (U) BA 414. **Problems in Personnel Management.** (G) 3 hours.  
Specific personnel problems at various organization levels. Each student proposes solutions, and group solutions are attempted through class discussion, in the light of various viewpoints and sound personnel principles. Prerequisite: BA 411, 412, and consent of instructor. Ballaine. MWThF, 9:00, Room 104.
- (S) BA 434. **Income Tax Procedure.** 3 hours.  
A study of federal and state income law, regulations, and procedures. Primary

emphasis is placed on requirements applicable to professional and individual business taxpayers. Prerequisite: upper division standing. Boyd. TWThF, 8:00, Room 306.

See the following listed under SECRETARIAL SCIENCE:

- (S) SS 111. **Stenography.** 3 hours. Backlund.  
(S) SS 122. **Typing.** 2 hours. Backlund.  
(S) SS 122 or 123. **Typing.** 2 hours each. Backlund.

## Driver Education

Faculty: NEYHART

- (S) IE 412. **Driver Education and Training.** 3 hours.  
(August 13-17). A basic course for preparation of teachers to conduct driver-training courses in high schools. Actual behind-the-wheel instruction in a dual-control car supplied under the sponsorship of the American Automobile Association and the state department of education. Prerequisite: senior or graduate standing and teaching experience. Daily, 8:00 to 12:00 and 1:00 to 5:00, Room 101.
- (S) IE 507. **Seminar: Advanced Course in Driver Education.** 2 hours.  
(August 20-24). Designed especially for individuals who have completed the basic course and wish advanced training. Prerequisite: IE 412 and at least one year of teaching experience in driver training instruction or consent of instructor. Neyhart. Daily, 8:00 to 12:00 and 1:00 to 5:00, Room 101.

## Economics

Faculty: HALLEY, WATTLES.

- (U) Ec 202. **Principles of Economics.** (Second Term) 3 hours.  
Principles that underlie production, exchange, distribution, etc. Prerequisite: sophomore standing. Halley. MTThF, 10:00, Room 121.
- (U) Ec 203. **Principles of Economics.** (Third Term) 3 hours.  
Halley, MTWTh, 1:00, Room 215.
- (U) Ec 326. **Organized Labor.** 3 hours.  
History of the labor movement; aims, methods, and policies of trade unions, conservative and radical. Prerequisite: Ec 201, 202, 203. Halley. TWThF, 8:00, Room 216.
- (U) Ec 411. **Monetary and Banking Theory.** (G) (First Term) 3 hours.  
Analysis of the nature of money, effects of changes in the money supply, monetary controls used by the federal reserve system and the treasury, international repercussions of domestic monetary policies, international banking agencies; critique of various monetary policies. Prerequisite: Ec 201, 202, 203. Wattles. MWThF, 9:00, Room 319.
- (U) Ec 417. **Contemporary Economic Problems.** (g) 3 hours.  
A study of contemporary economic conditions and problems; analysis of policies and practices affecting such problems. Prerequisite: Ec 201, 202, 203. Wattles. TWThF, 8:00, Room 214.

## Education

Faculty: ANDERSON, BALLAINE, BENNEE, BENTALL, BONNEY, BOYD, BRANT, CHOATE, DEBERNARDIS, DIETZ, GAUPP, GREENSLADE, GUY, HOPSON, HUMMEL, ICKES, JEWETT, LEE, LUDWIG, MALTER, McANALLEN, MEINDL, MOORHEAD, NEWHALL, NUTTING, OLDS, PETERSEN, PHELPS, SCHULZ, SITES, SMITH, SOMERVILLE, SPALDING, STOTLER, SWARTHOUT, THOMAS, THOMPSON, ULRY, WATTLES, WESTCOTT, WIEGMAN.

(U) (P) Ed 311. **The School in American Life.** 3 hours.

Education as a career; function of education in a democracy; curriculum and organization of schools; current educational trends and contemporary problems; financing public education; the characteristics, needs, and interests of pupils by age groupings; general principles of growth and learning, and relation to current practices. Phelps, TWThF, 1:00, Room 301.

(C) (P) Psy 311. **Human Development.** 3 hours.

Consideration of the child as an individual and as a member of social groups. Included is a study of the kinds of home and school environment essential to the best intellectual, physical, and emotional development of the child. Prerequisite: Psy 201, 202. Schulz. MWThF, 2:00, Room 207.

(C) Ed 312. **Educational Psychology.** 3 hours.

Mental health and the teacher-pupil relationship; the school child and his peer group; the nature of the learning process; the relation and significance of motivation to learning; the role of the teacher in learning; transfer of learning. Bennee, MWThF, 9:00, Room 101.

(U) Ed 313. **Psychological Foundations of Teaching II.** 3 hours.

Theoretical and practical study of learning and of factors affecting learning by children and youth in school. Theories of learning, motivation, guidance, learning activity, transfer, evaluation of achievement; principles of learning applicable to learners of varying levels of maturity. Laboratory training in observation and analysis of the teacher-learning situation from a psychological viewpoint. Prerequisite: Psy 201, Ed 312 or consent of instructor. Jewett. MWThF, 9:00, Room 102.

(C) Ed 344. **Physical Education in the Grades.** 3 hours.

Theory and practice in rhythm; singing games, group and folk dancing; stunts, games, self-testing activities, tumbling; materials; planning and evaluating programs with reference to basic principles of physical education. Greenslade. Section I: TWThF, 8:00, Gym. Section II: MWThF, 9:00, Gym.

(C) Ed 351. **Health Education.** 3 hours.

(June 18-July 30.) Teaching of health education with emphasis on health knowledge, health attitudes, and health habits of school children, and the development of a health service program. Special study of the state health-education program. Prerequisite: Sc 101, 102, 103. Westcott. Daily, 8:00, Room 112.

(C) Ed 358. **Methods and Materials: Science and Arithmetic.** 3 hours.

A course designed to present modern methods of instruction at the elementary school level, based upon recent research and writing. Attention will be given to the meaning of theory in the teaching of arithmetic and to the problem approach to the teaching of science. Thomas. TWThF, 1:00, Room 207.

(C) Ed 359. **Methods and Materials: Reading and Allied Arts.** 3 hours.

Provides the student with definite and specific understanding of the four language arts and the skills involved in each. Introduces the student to the needs

and capacities of children of elementary school age and the skills and understanding required of the teacher to foster the most economical learning of the language skills. Choate. MTWTh, 12:00, Room 106.

(C) Eng 388. **Children's Literature and Library.** 4 hours.

An introductory course designed to give acquaintance with some significant books for children, with emphasis on the quality of a book—its format, text, and illustration. An investigation of school library procedures. Petersen. Daily, 11:00, Room 216.

(U) (S) Ed 405. **Reading and Conference.** Hours to be arranged.

(S) Ed 407. **Seminar: Workshop in Conservation and Outdoor Education for Elementary and Secondary Teachers.** 3 hours.

(Section I: July 29-August 4)

(Section II: August 5-August 11)

On-the-spot study of forestry, lumber, wildlife, minerals, soils, crops, irrigation, power potentials and outdoor living for elementary and secondary teachers. This workshop, offered in two identical sessions, will be held at Hoodoo Bowl Inn near the summit of Santiam Pass just off highway 20. Many public and private agencies, industries and organizations interested in conservation of natural resources cooperate with the Portland Summer Session by providing skilled leaders to serve as resource people at the workshop. Educational consultants assist students in planning projects to include conservation and outdoor education in the school curriculum. Hopson, Westcott. (Students may enroll for one section only. Each section of the workshop is limited to 45 registrants. Graduate students may register for Ed 508. Workshop: Conservation and Outdoor Education for Elementary and Secondary Teachers in lieu of Ed 407. Seminar: Workshop in Conservation and Outdoor Education for Elementary and Secondary Teachers. The workshop is not open to students who participated in Ed 489 Conservation and Outdoor Education Workshop offered in the 1955 Portland Summer Session. Course fee, \$24; food and lodging for seven days, \$40; both sums are payable at the time of registration. Registration is by application only and must be completed on or before July 21. Enrollees are responsible for their own transportation to and from Hoodoo Bowl Inn. Applications should be addressed to Dr. Clark Spurlock, workshop coordinator, 1620 SW Park avenue, Portland 1, Oregon.)

(C) Ed 407s. **Workshop in Children's Literature.** 3 hours.

A study of the enrichment of children's reading through literature. An advanced course designed for parents and teachers of nursery, kindergarten, and elementary school children. Prerequisite: Eng 388 or consent of instructor. Petersen. MTThF, 10:00, Room 216.

(C) Ed 407s. **Workshop: Creative Crafts for Children.** 3 hours.

Creative problems developed in the course involve inexpensive materials. Discussion of types of problems suitable for children of varying degrees of mental, physical, and social maturity. Opportunities for experimenting with such media as paper, yarn, cardboard, clay, wood, and textiles. Dietz. TWThF, 1:00, Room 373.

(C) Ed 407s. **Parent-Teacher Organization.** 2 hours.

(August 13-17.) A one-week course presenting problems, techniques, and projects of the parent-teacher movement. Emphasis placed on what the home expects of the school; what the school expects of the home; what the child needs of both; the role of the PTA in fostering the close and effective home-school-community cooperation. Current source materials and parent-teacher practices and programs will be examined. Special problems facing both beginning and experienced teachers will be studied. Moorhead. Daily, 9:30 to 12:00 and 1:00 to 3:00, Room 102.

(U) Ed 409. **Psycho-Educational Clinic.** (G) 3 to 6 hours.

Practice, under supervision, in diagnostic and remedial treatment of learning disabilities of elementary and high school pupils. Clinic work will be limited to the diagnosis and correction of reading and speech disabilities. Prerequisite: Ed 465 or consent of instructor. Phelps and Bentall. MTWF, 8:00 or 11:00, Shattuck School.

(C) Ed 410. **Methods and Research Materials.** (G) 3 hours.

Problems and methods in selecting and organizing materials for teaching. Emphasis for graduate students will be placed upon recent research and literature dealing with instructional materials, methods and facilities, including the completion of a special project. Maximum 6 hours undergraduate and 9 hours graduate credit may be earned in Ed 410 courses. Students may not enroll for more than three hours credit in any one area during the summer session. Students must indicate at time of registration whether level of study is elementary or secondary.

Art.....Dietz. MTThF, 10:00, Room 317.  
 Language Arts.....Choate. MWThF, 9:00, Room 216.  
 Music.....Sites. MTWF, 11:00, Room 109  
 Reading.....Choate. MTThF, 10:00, Room 213  
 Science.....Hopson. (June 18-July 30) Daily, 9:00, Room 314

(C) Ed 415. **Student Teaching.** (Elementary) 3 hours.

Observation and teaching under the direction of a supervising teacher. Students will be provided with opportunities for assuming direct responsibility for the learning activities of children, for developing skill in the techniques of teaching and schoolroom management and related professional activities. Weekly seminar. A limited number of local residents who are graduates of three- or four-year teacher education programs can be accommodated. Applications must be submitted in advance. List of prerequisites and application forms can be secured from Supervisor of Elementary Student Teachers, Portland Summer Session. Thomas. Th, 2:00 to 4:00, Room 101.

(U) Ed 416. **Student Teaching.** (Secondary) 3 or 6 hours.

Supervised teaching experience in limited phases of high school teaching. Weekly seminar. A limited number of college graduates can be accommodated in the fields available. Selection will be made from written applications filed in advance. List of prerequisites and application forms may be secured from Supervisor of Secondary Student Teachers, Portland Summer Session. Anderson. Th, 2:00 to 4:00, Room 106.

(U) (C) Ed 424. **Measurement in Education.** (G) 3 hours.

Use and interpretation of informal and standardized tests as supervisory and guidance instruments for the diagnosis, analysis, evaluation, and improvement of instruction in the elementary and secondary schools. Test planning, item writing, essay testing, administration and scoring, analysis of scores and grade assignment. Simple statistics of test interpretation. Bonney, MWThF, 2:00, Room 104.

(U) (C) Ed 435. **Audio-Visual Aids.** (G) 3 hours.

The development and use of audio-visual aids in education. Emphasis on actual learning situations in which radio, recordings, films, slides, pictures, maps, charts, etc., are utilized. Sources of materials and equipment; administration of audio-visual programs. Section I: Somerville. TWThF, 8:00, Room 106. Section II: Malter, MWThF, 9:00, Room 110.

(S) (P) Ed 451. **Preprimary Education (Kindergarten).** (G) 3 hours.

Opportunities in kindergarten to build good attitudes toward school, group adjustment, work habits, readiness for first-grade subjects. Prerequisite: Ed 311, 312. Registration limited to students enrolled in or having a degree in elementary education or by consent of instructor. Petersen. TWThF, 1:00, Room 204.

(U) Psy 460. **Developmental Psychology.** (g) (First Term) 3 hours.

Development of behavior and psychological activity through the prenatal period, infancy, and childhood. Changes of intelligence, motor capacity, emotional response, language and social behavior. Emphasis on social influence. Schulz. MTWF, 11:00, Room 112.

(U) Psy 461. **Developmental Psychology.** (g) (Second Term) 3 hours.

Development of behavior and psychological activity during adolescence, maturity, and old age. Changes of intelligence, motor capacity, emotional response, language, and social behavior. Emphasis on social influence. Bennee. MTWTh, 12:00, Room 104.

(U) Ed 461. **Psychology of Reading Instruction.** (G) 3 hours.

The fundamental nature of the reading process; principles of growth, adjustment, and learning basic to reading achievement; psychological foundations of methods of reading instruction. Phelps and Bentall. MTThF, 9:00, Shattuck School.

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

Survey of characteristics and problems of all types of exceptional children, with special emphasis on those with sensory handicaps; consideration of essential educational adaptations. Bennee. MTThF, 10:00, Room 104.

(U) Ed 463. **The Maladjusted Child.** (G) 3 hours.

The discovery and treatment of the emotionally and socially maladjusted child; the home, school, and community in relation to the child's mental health. Bonney. MTWF, 11:00, Room 103.

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

Identification and guidance of the mental deficient, the slow learner, and the gifted. Bonney. TWThF, 1:00, Room 104.

(C) (P) Ed 467. **Applied Mental Hygiene.** (G) 3 hours.

A study of the development of personality, personality conflicts, mechanisms of adjustment, and the basic principles of mental hygiene. Emphasis is placed on application of mental hygiene principles to personality development of teachers and of children. Prerequisite: Psy 201, 202, 311, Ed 312. Heist, MWThF, 2:00, Room 103.

(C) Ed 473. **Administration of the Elementary School.** (G) 3 hours.

(See Ed 554)

(C) Ed 474. **Supervision of the Elementary School.** (G) 3 hours.

(See Ed 574)

(C) (U) Ed 476. **School Law and Organization.** 2 hours.

Oregon laws applying to schools and teachers; teacher personnel policies and practices; professional organizations; means for continued professional growth. Meindl. TWThF, 8:00, Room 208.

(S) Ed 485. **Principles and Practices in Guidance Services.** (G) 3 hours.

Beginning course in guidance. Overview of guidance and personnel work; vocational, educational, health, social, personality, recreational, and individual development; participation of teachers, counselors, administrators, parents, and community organizations in a program of guidance. For both teachers and administrators. Prerequisite: senior standing. Ludwig. MTThF, 10:00, Room 101.

(C) Ed 493. **Observation and Evaluation of Teaching (Elementary).** 1-3 hours.

Opportunity for experienced teachers to observe modern trends in elementary education as carried on in the demonstration school; and to discuss educational

theories and practices. (Weekly seminar.) A limited number of applicants will be assigned to the few places available in this course. Selection will be made from written applications filed in advance with the Supervisor of Elementary Student Teachers, Portland Summer Session. TWThF, 1:00, Room 208.

- (U) (S) Ed 501. **Educational Research.** Authorization and hours to be arranged.

Prerequisite: graduate standing.

<i>Curriculum Instruction</i> .....	Phelps
<i>Elementary Education</i> .....	Malter, Phelps
<i>Evaluation and Surveys</i> .....	Hummel, Wiegman
<i>Field Study</i> .....	Wiegman and Staff
<i>Guidance</i> .....	Ludwig
<i>History and Philosophy of Education</i> .....	Guy
<i>Psycho-Educational Problems</i> .....	Boyd
<i>School Administration</i> .....	Hummel, Wiegman
<i>Secondary Education</i> .....	Hummel, Wiegman
<i>Teacher Education</i> .....	Malter, Phelps, Wiegman

- (U) (S) (C) Ed 503. **Thesis.** Hours to be arranged.

- (U) (S) Ed 505. **Reading and Conference.** Authorization and hours to be arranged.

Prerequisite: graduate standing.

- (C) Ed 506. **Special Individual Studies.** Maximum of 6 hours.

Authorization and hours to be arranged. Prerequisite: graduate standing. (See Ed 501 for areas.)

- (U) Ed 507. **Education Seminar: Social Sciences Symposium.** 3 or 6 hours.

Background, development, and trends; the impact of each on education, philosophy, and the social science disciplines: anthropology, sociology and political science. Selected processes and aspects of each considered in detail. Brant, Guy, Jewett, Newhall, Swarthout. TWThF, 11:00 to 1:00, Room 121.

- (U) Ed 507. **Education Seminar: Foundations of Education.** 3 hours.

(July 9-20) A comprehensive survey of some of the major historical, philosophical, psychological, and social factors underlying present day American education. Problems of educational and personal adjustment in modern society. Spalding. MTWTh, 9:00 to 1:00, Shattuck School.

- (U) Ed 507. **Education Seminar: Child Study.** 3 hours.

An intensive study of all available means, published or teacher devised, which are valuable in studying children individually and in groups, and feasible ways of putting them to use in a classroom. A plan for a program of studying the children with whom the student expects to work in the fall will be required. Prerequisite: teaching experience, courses in child psychology and standardized testing or consent of the instructor. Lee. MTWTh, 12:00, Room 105.

- (U) Ed 507. **Education Seminar: Unit Construction.** 3 hours.

This course is intended to acquaint students with a theory of teaching and with construction of units based upon this theory. It is open only to persons who are currently employed in the field of education. Each student is expected to prepare a unit. Lee. MTThF, 10:00, Room 105.

- (U) Ed 507. **Education Seminar: Comparative Education.** 3 hours.

A comparative study of education in different countries. Emphasis upon philosophy, objectives, and organization of schools in various contemporary cultures. Anderson. MTWTh, 12:00, Room 203.

- (U) Ed 507. **Education Seminar: Creative Dramatics for the Elementary School.** 3 hours.

A workshop in the techniques of creative dramatics for the classroom, assembly periods and special programs. The adaptation of children's literature and folk literature, the use of correlative materials from social studies, health studies, etc., as bases for creative plays will be discussed. Students within the seminar will present at least one creative dramatics program and will observe classes in creative dramatics. Gaupp. MTWF, 11:00, Room 107.

- (U) Ed 507. **Education Seminar: Psycho-Educational Problems.** 1-6 hours.

Supervised individual casework with children who have learning or behavior problems in the school. Training in interviewing, psychological evaluation, prognosis, and treatment procedures. Enrollment limited to those with sufficient education and/or experience background. Prerequisite: consent of instructor. Hours to be arranged. Boyd. *Initial meeting* 9:00 a.m., Wednesday, June 20, Room 121.

- (S) Ed 508. **Aviation Education Workshop.** 6 hours.

(July 9-August 4) Especially planned for elementary and secondary teachers and administrators; will consider economic, social, geographical, military and technical aspects of the air age. Two locations: First three weeks at Portland Air Base; last week at U. S. Naval Air Training Station in Seattle. Registrants may reside on bases during workshop. Air transportation to Seattle and return to be provided by U. S. Air Force-Civil Air Patrol. Olds, Thompson. Daily, 8:00 to 12:00 and 1:00 to 4:00.

- (S) Ed 508. **Juvenile Delinquency Workshop.** 2 hours.

(July 9-13) Role of the school administrator and classroom teacher in preventing delinquency and in recognizing behavior tendencies. Cooperation among school, home, community and governmental agencies dealing with delinquency problems. Anderson. Daily, 9:30 to 12:00 and 1:00 to 3:00. Shattuck.

- (U) Ed 508. **Workshop in Children's Literature.** 3 hours.

A study of the enrichment of children's reading through literature. An advanced course designed for parents and teachers of nursery, kindergarten, and elementary school children. Prerequisite: Eng 388 or consent of instructor. Petersen. MTThF, 10:00, Room 216.

- (U) Ed 508. **Workshop: Economic Education.** 1-5 hours.

(June 18-July 6) The workshop will provide an opportunity for experienced secondary school teachers to combine study of economic problems with the development of teaching materials for economic education in the high school. Designed primarily for principals, supervisors, and experienced teachers responsible for social study areas where economic education is taught. The Joint Council for Economic Education is cooperating with the Portland Summer Session in this workshop. Limited enrollment. Admission by prior application. Malter, Ballaine, Smith, Wattles. Daily, 10:00 to 12:00 and 1:00 to 3:00. Shattuck School.

- (S) Ed 508. **Workshop: Conservation and Outdoor Education for Elementary and Secondary Teachers.** 3 hours.

Students may register under this number in lieu of Ed 407 Seminar: Workshop in Conservation and Outdoor Education for Elementary and Secondary Teachers (see page 23 for description).

- (U) Ed 508. **Workshop for Directors of High School Plays.** 3 hours.

Selection of plays, royalty arrangements, casting techniques, basic stage-craft and lighting, directing techniques for comedy and farce, blocking the action of the play, advertising and business aspects of production. Students will work with the Summer Theater observing directing and casting techniques and will handle

the production aspects of one play under the supervision of the director and instructor. McAnallen. MWThF, 2:00, Room 107.

(U) (C) Ed 512. **Research Procedures in Education.** 3 hours.

The nature and procedures of research in education; special techniques of thesis, field study, research paper, and dissertation. Open to graduate students majoring in other fields. Does not take the place of individual supervision of the student's thesis. An introductory course in statistics is desirable preparation. Wiegman. MTWF, 11:00, Room 102.

(C) Ed 513. **Evaluation of Classroom Instruction.** 3 hours.

Emphasis upon application of criteria for self-evaluation by individual teachers. Observation of effective teaching in the laboratory school. Analysis of research relating to teaching and discussion methods, group dynamics, and the evaluation of individual teaching. Jewett. TuWThF, 8:00, Room 102.

(U) Ed 523. **School Activities.** 3 hours.

Principles and purposes of school activities; pupil participation in school government; assemblies; clubs, social activities; athletics, speech activities, drama, music, publications; evaluation of the school activity program. Ulry. MTWTh, 12:00, Room 301.

(U) Ed 526. **High-School Counseling.** 3 hours.

The purposes, techniques, and processes of counseling. Dynamics of adjustment and personality change. Methods of promoting emotional, educational, and occupational adjustment. Ludwig. MTWF, 11:00, Room 101.

(U) Ed 527. **Secondary-School Administration and Supervision.** 3 hours.

The secondary-school principalship; principles of administration, staff relationships, public relations, and professional growth; business administration; administration of guidance services, curriculum, and school activities; evaluation of the secondary school. Ulry. MWThF, 2:00, Room 301.

(U) Ed 534. **Science in the Elementary School.** 3 hours.

(June 18-July 30). The place of science in the elementary school, with particular reference to the value of science in the lives of children. Selecting and organizing content; coordinating science with elementary-school activities; methods and materials; rooms and equipment. Hopson. Daily, 9:00, Room 314.

(U) Ed 536. **Language Arts in the Elementary School.** 3 hours.

The role of language arts in the elementary-school program; objectives; research findings on language development; the teaching of spelling, writing, and speaking-listening skills; newer instructional materials; testing and evaluation. Choate. MWThF, 9:00, Room 216.

(U) Ed 537. **Reading in the Elementary School.** 3 hours.

Nature of the reading process; objectives, organization of a desirable reading program; reading readiness, reading skills; procedures and materials for developing children's reading abilities; methods of diagnosing difficulties and evaluating progress; research findings concerning the teaching of children to read. Choate. MTThF, 10:00, Room 213.

(U) Ed 543. **History of American Education.** 3 hours.

The intellectual development of the United States, with special reference to education. Open to seniors on consent of instructor. Prerequisite: knowledge of American history. Guy. TWThF, 8:00, Room 113.

(U) Ed 546. **Philosophy of Education.** 3 hours.

Study of the broad fundamental principles and problems of education, as evaluated by the various schools of philosophical thought. Guy. MWThF, 9:00, Room 106.

(U) Ed 553. **Elementary-School Curriculum.** 3 hours.

A systematic study of the elementary-school curriculum, including pupil needs in everyday life situations, objectives, essentials of a good program, varying curriculum designs, organization of learning experiences, evaluation of learning, and appraisal of newer curriculum practices. Lee. TWThF, 1:00, Room 106.

(U) Ed 554. **Elementary-School Supervision and Administration.** 3 hours.

The role, duties, needs, and problems of modern supervision, including the evaluation and improvement of the teaching-learning situation. Nutting. MTWTh, 12:00, Room 102.

(U) Ed 565. **Curriculum Foundations.** 3 hours.

Implications of basic social, philosophical, and psychological factors in curriculum planning and organization; historical background; techniques of curriculum planning. Stotler. TWThF, 8:00, Room 213.

(U) Ed 566. **Curriculum Construction.** 3 hours.

Survey and appraisal of curricular patterns; state and city programs; courses of study in major subject areas; techniques of course-of-study planning. Nutting. TWThF, 1:00, Room 102.

(U) Ed 572. **Public School Administration.** 3 hours.

Relations of the principal to the school board; school finance, school records and accounts, school building programs, pupil accounting, the teaching staff. Ulry. MTWF, 11:00, Room 301.

(U) Ed 574. **School Supervision.** 3 hours.

Purpose and plans for supervision; use of tests, diagnosis of pupil difficulty, etc., as applied to both elementary and secondary schools. Nutting. MTThF, 10:00, Room 102.

(U) (C) Ed 575. **School Finance.** 3 hours.

(June 18-July 13). The problems of school finance and business management; sources of school income; relationship to the state financial structure; budgeting and accounting. The work includes the construction of a school budget. Prerequisite: work in administration and organization; or consent of instructor. Hummel. TWThF, 8:00 to 10:00, Room 203.

(U) Ed 576. **School Buildings.** 3 hours.

(July 16-August 10). Study of the problems involved in planning, financing, and construction of school buildings; care and maintenance of buildings; problems of equipment. The work includes analysis of the problems of a specific district. Prerequisite: work in administration and organization, or consent of instructor. DeBernardis. TWThF, 8:00 to 10:00, Room 203.

(S) Ed 589. **Organization and Administration of Guidance Services.** 3 hours.

Criteria for evaluating present personnel services, setting up guidance committees, selection of personnel, responsibilities and duties of staff, development of program of services, and in-service training program. Prerequisite: Ed 485, 487. Ludwig. TWThF, 1:00, Room 101.

### Workshops

(S) (Ed 407. **Seminar: Workshop in Conservation and Outdoor Education for Elementary and Secondary Teachers.** 3 hours.

(Ed 508. **Workshop: Conservation and Outdoor Education for Elementary and Secondary Teachers.** 3 hours.

(Section I: July 29-August 4. Section II: August 5-August 11). Hopson, Westcott. (See page 27 for description).



- (U) Ed 508. **Workshop: Economic Education.** 1-5 hours.  
(June 18-July 6). Malter, Ballaine, Smith, Wattle. (See page 27 for description.)
- (S) Ed 508. **Juvenile Delinquency Workshop.** 2 hours.  
(July 9-July 13). Anderson. (See page 27 for description.)
- (S) Ed 508. **Aviation Education Workshop.** 6 hours.  
(July 9-August 4). Olds. (See page 27 for description.)

## English

Faculty: FORD, FRANCHERE, HART, LILL, OLIVER, PETERSEN, TAYLOR, WEISS

### Literature

- (U) Eng 102. **Survey of English Literature.** (Second Term) 3 hours.  
From Milton to Byron. Weiss. MTThF, 10:00, Room 319.
- (U) Eng 104. **Appreciation of Literature.** (First Term) 3 hours.  
The aim is to stimulate the appreciation and criticism of literature through a study of outstanding works in prose and poetry, selected from all periods, including the twentieth century; includes works in English and translations from other literatures. Lill. MTWF, 11:00, Room 313.
- (C) Eng 107. **World Literature.** (First Term) 3 hours.  
Narrative prose, drama, and poetry. Complete books are studied so that the student may be familiar with some of the masterpieces in Western world literature. Weiss. TWThF, 1:00, Room 319.
- (U) Eng 201. **Shakespeare.** (First Term) 3 hours.  
Study of the important plays—comedies, histories, and tragedies. Required for majors. Oliver. MWThF, 9:00, Room 214.
- (U) Eng 261. **Survey of American Literature.** (First Term) 3 hours.  
American literature from its beginning to the present day. Two consecutive terms will satisfy the high-school teaching requirement in English. Oliver. MTThF, 10:00, Room 214.
- (U) Eng 301. **Tragedy.** 3 hours.  
A study of the nature of tragedy and of its expression in various literary forms. Franchere. MTWF, 11:00, Room 308.
- (C) Eng 388. **Children's Literature and Library.** 4 hours.  
An introductory course designed to give acquaintance with some significant books for children, with emphasis on the quality of a book—its format, text, and illustrations. An investigation of school library procedures. Petersen. Daily, 11:00, Room 216.
- (U) Eng 391. **American Novel.** (First Term) 3 hours.  
Development of the American novel from its beginning to the present. Oliver. MTWTh, 12:00, Room 214.
- (U) Eng 395. **Twentieth-Century Literature.** (Second Term) 3 hours.  
British and American literature since 1900. This sequence may not be offered toward the satisfaction of the minimum requirement for a major in English. Hart. MTThF, 10:00, Room 204.
- (U) Eng 436. **Advanced Shakespeare.** (G) 3 hours.  
Intensive study of several plays, with primary emphasis on textual problems and sources. Prerequisite: year sequence in Shakespeare. Taylor. TWThF, 8:00, Room 315.

- (U) Eng 505. **Reading and Conference.** Hours to be arranged.  
Franchere.
- (U) Eng 507. **Seminar: Drama.** 3 hours.  
Studies in comparative drama: Greek (in translation), Elizabethan, and Modern. Taylor. MWThF, 9:00, Room 315.
- (U) Eng 488. **Literature for Teachers.** (g) 3 hours.  
For students interested in teaching high-school English. Training in comprehension and analysis of representative literary works. Readings from English and American literature, selected in part from state-adopted high-school texts. Will not apply toward the satisfaction of the minimum requirements for a major in English. (June 18-July 13). Franchere, Hart. TWThF, 1:00 to 3:00, Room 121.
- (C) Eng 511. **Contemporary Developments in the Humanities.** (First Term) 3 hours.  
Emphasis upon the search for values in the modern world as reflected in forces shaping contemporary philosophies, trends in contemporary literature, and developments in language study, with implications for public school personnel. Selected readings from leading contemporary thinkers and writers. Taylor. MTWF, 11:00, Room 315.

### Writing

- (U) Wr 111. **English Composition.** (First Term) 3 hours.  
The fundamentals of English composition; frequent written themes. Special attention to correctness in fundamentals and to the organization of papers. Ford. TWThF, 8:00, Room 319.
- (U) Wr 112. **English Composition.** (Second Term) 3 hours.  
Lill, TWThF, 1:00, Room 315.
- (U) Wr 113. **English Composition.** (Third Term) 3 hours.  
Weiss, MTWF, 11:00, Room 319.
- (U) Wr 411. **English Composition for Teachers.** (g) 3 hours.  
For students expecting to teach English in high school. Practice in writing and a review of the rules of composition. Required for satisfaction of the high-school teaching-field requirement in English. Prerequisite: Wr 111, 112, 113. Ford. MTThF, 10:00, Room 315.

## Foreign Languages

Faculty: EATON, WAWRZYNIAK.

### \*French

- (U) RL 1, 2. **First-Year French.** 8 hours.  
An introduction to French, stressing reading and speaking. Exercises in elementary composition and grammar. Wawrzyniak. Daily, 8:00 to 10:00, Room 206.

### \*German

- (U) GL 1, 2. **First-Year German.** 8 hours.  
Provides a thorough grammatical foundation and an elementary reading knowledge of German as well as an understanding of the spoken language. Eaton. Daily, 8:00 to 10:00, Room 204.

\* Students who complete RL 1, 2; GL 1, 2; or RL 11, 12 with a grade of A or B may enter Second-Year French, German or Spanish in the fall term.

- (U) GL 101, 102. **Second-Year German.** 8 hours.

Review of grammar and composition. Reading of selected texts of representative authors. Conversation. Eaton. Daily, 11:00 to 1:00, Room 204.

**\*Spanish**

- (U) RL 11, 12. **First-Year Spanish.** 8 hours.

An introduction to Spanish, stressing speaking and reading. Exercises in elementary composition. Wawrzyniak. Daily, 11:00 to 1:00, Room 206.

## General Studies

Portland Summer Session Adviser: GUY  
Chairman, University Committee: SORENSON  
Chairman, State College Committee: YUNKER

- GSt 501. **Research in General Studies.** Hours to be arranged.

- GSt 503. **Graduate Thesis.** Hours to be arranged.

- GSt 505. **Reading and Conference.** Hours to be arranged.

## Geography

Faculty: BROOKE, CALDWELL

- (U) (C) Geog 105, 106, 107. **Introductory Geography.** 3 hours each.

A general introduction to the field of geography, in sequence as follows: Geog 105, physical elements; Geog 106, earth resources; Geog 107, cultural elements.

Geog 105. Brooke. MWThF, 9:00, Room 208.

Geog. 106. Brooke. MTThF, 10:00, Room 208.

Geog 107. Caldwell. MTWF, 11:00, Room 208.

- (U) Geog 301. **Geography of the Pacific Northwest.** (First Term) 3 hours.

A study of the land forms, climates, population, resources, products, and lines of communication of the Pacific Northwest. Geog 301: Oregon. Brooke. MTWTh, 12:00, Room 208.

- (U) Geog. 320. **Political Geography.** 3 hours.

Geopolitical principles; boundaries and aspirations of nations as they grow out of natural regional settings. The strategy of men, lands, and raw materials, colonies, migration, foreign-trade relations. Caldwell. TWThF, 8:00, Room 211.

- (U) Geog 431. **Geography of Asia.** (G) 3 hours.

Physical geography of the continent; the main economic, social, and political problems viewed in relation to geography. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 203. Caldwell. MWThF, 9:00, Room 112.

## Health and Physical Education

Faculty: GREENSLADE, HOLLAND, RHODA, WESTCOTT

- (U) HE 252. **First Aid.** 3 hours.

Study of first aid and safety procedures—for the individual, schools, athletics, and civilian defense; meets certification standards of the American Red Cross. Holland. MTThF, 10:00, Room 312.

\* Students who complete RL 1, 2; GL 1, 2; or RL 11, 12 with a grade of A or B may enter Second-Year French, German or Spanish in the fall term.

- (U) HE 450. **Elementary-School Health Education.** (g) 3 hours.

(June 18-July 30). The purposes and requirements of the school health service program, with emphasis on organization and procedures for the school health examination. Organization and presentation of teaching materials based on the health needs of the child, community needs, and school health services. Westcott. Daily, 8:00, Room 112.

- (U) PE 406. **Problems in Coaching Wrestling.** 2 hours.

(June 18-July 30). This course is designed for persons interested in teaching wrestling. Westcott. MTThF, 10:00, Gym.

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

A workshop for physical-education teachers in the public schools. Each teacher works out and organizes the complete program for his school in light of the objectives, standards, and purposes of the Oregon physical-education program. Open to men and women. (May be substituted for College of Education Ed 344.) Content of the course is as follows: PE 411 Rhythmics and folk dancing; PE 412 Games of low organization; PE 413 Individual team sports and games.

PE 411. Greenslade. MTWF, 11:00, Gym.

PE 412. Holland. MTWTh, 12:00, Gym.

PE 413. Holland. TWThF, 1:00, Gym.

- (U) PE 444. **Tests and Measurements in Physical Education.** (G) 3 hours.

Use of tests and measurements in physical education; evaluation of objectives, programs, and student achievement through measurement techniques. Rhoda. MTThF, 10:00, Room 206.

- (U) PE 551. **Administration of Physical Education.** 3 hours.

Organization and administration of the physical-education program at the college level. Rhoda. MTWTh, 12:00, Room 312.

- (U) PE 556. **Administration of Buildings and Facilities.** 3 hours.

Building layout and equipment; the relationship of the various functional units—equipment service, dressing facilities, activity spaces, administrative units, permanent and dismantlable equipment. Rhoda. TWThF, 1:00, Room 312.

See the following listed under EDUCATION:

- (C) Ed 344. **Physical Education in the Grades.** 3 hours. Greenslade.

- (C) Ed 351. **Health Education.** 3 hours. Westcott.

## History

Faculty: COX, GILMORE, HOFFMAN, HOFFMANN, KERR

- (S) (C) (U) Hst 103. **History of Western Civilization.** (Third Term) 3 hours.

Origins and development of Western civilization from ancient times to the present. Kerr. TWThF, 8:00, Room 111.

- (C) (U) Hst 201, 202, 203. **History of the United States.** 3 hours each.

From colonial times to the present day.

Hst 201. Hoffman. MWThF, 9:00, Room 111.

Hst 202. Gilmore. MTThF, 10:00, Room 215.

Hst 203. Kerr. MTWF, 11:00, Room 113.

- (U) Hst 343. **Europe since 1815.** (Third Term) 3 hours.  
Political, social, economic, and cultural trends from 1929 to the present. Cox. TWThF, 8:00, Room 103.
- (U) Hst 448. **Soviet Union.** (g) 3 hours.  
The revolution of 1917; Russian domestic and foreign policies from 1917 to the present. Cox. MTWF, 11:00, Room 203.
- (E) Hst 451. **Modern Near East.** (G) 3 hours.  
A detailed analysis of international politics in the Near East from the dissolution of the Ottoman Empire to the present. Particular attention will be focused on the rise of the Turkish Republic and the independent Arab states, currents of Arab nationalism, the Arab League, Israel, strategy of the Straits of Suez, politics of oil, economic development, impact of modernization and the future of the Near East in world affairs. Cox. MTWTh, 12:00, Room 112.
- (U) Hst 460. **History of American Thought and Culture.** (g) (First Term) 3 hours.  
Main currents of American intellectual and cultural life from colonial times to the present, in relation to trends of public opinion and political and social action. Prerequisite: 9 hours in United States history or consent of instructor. Hoffmann. MTThF, 10:00, Room 113.
- (U) Hst 474. **American Foreign Relations.** (g) (Second Term) 3 hours.  
The origins, character, and consequences of American foreign policies from the Revolutionary War to the present. Kerr. MWThF, 9:00, Room 113.
- (U) Hst 476. **History of the West.** (G) (First Term) 3 hours. The early American frontier. Hoffmann. TWThF, 1:00, Room 111.
- (U) Hst 478. **History of the Pacific Northwest.** (G) 3 hours.  
Detailed study of the building of civilization in the Pacific Northwest. Not open to students who have had Hst 377. Prerequisite: Hst 201, 202, or consent of instructor.  
Section I. Hoffmann. MTWF, 11:00, Room 215.  
Section II. Gilmore. TWThF, 1:00, Room 203.

## Home Economics

Faculty: INCALLS, ROTRUCK

- (S) CT 408, 508. **Workshop: Bishop Method of Clothing Construction.** 3 hours.  
(Advanced Course: July 23-August 3)  
(Non-Credit Course: July 23-August 3)  
*Advanced workshop* provides an opportunity to learn the Bishop method of sewing and to develop plans to introduce it in the clothing and textile portion of the Home Economics program of the public school. Open only to students who have earned credit in the basic course. Enrollment limited to fifty students. Application for the workshop must be made in advance to Miss Ida Ingalls, School of Home Economics, Oregon State College, Corvallis, Oregon. The *non-credit course* is designed for the benefit of housewives and others who, although having no need for college credit, desire to learn the basic principles of the Bishop method of clothing construction. Prerequisites include basic ability in operation of the sewing machine. Enrollment limited to fifty students. Application should be made in advance to Mrs. Marie Brown, Portland Summer Session, 1620 SW Park avenue, Portland, Oregon.

## Journalism

Faculty: BAUER

- (U) J 489. **Supervision of School Publications.** (g) 3 hours.  
The teacher's role in guiding student publications in secondary schools and junior colleges. TWThF, 8:00, Room 308.

## Mathematics

Faculty: BUMER, BYRNE, JENKINS

- (C) Mth 10. **Elementary Algebra.** 4 hours. Jenkins. Daily, 1:00, Room 103.
- (U) Mth 100. **Intermediate Algebra.** 4 hours.  
Prerequisite: one year of high-school algebra. Byrne. Daily, 8:00, Room 2.
- (U) Mth 106. **Plane Trigonometry.** 4 hours.  
Prerequisite: Mth 105. Bumer. Daily, 9:00, Room 103.
- (U) Mth 107. **Analytic Geometry.** 4 hours.  
Prerequisite: Mth 106. Bumer. Daily, 10:00, Room 103.
- (U) Mth 203. **Differential and Integral Calculus.** (Third Term) 4 hours.  
Standard sequence for students of physical, biological and social sciences. Prerequisite: Mth 107 or Mth 200, or consent of instructor. Bumer. Daily, 12:00, Room 103.
- (C) Mth 311. **Foundations of Mathematics.** 3 hours.  
Treatment of historical aspects of mathematics, social uses and relationships, mathematical principles and relationships, grade placement of content materials, appraisal of texts, workbooks and tests, development of problem-solving ability, and proficiency in the fundamental skills of mathematical processes. Byrne. MTThF, 10:00, Room 112.
- (U) Mth 415. **Advanced Euclidean Geometry.** (g) 3 hours.  
Modern developments in geometry based on the plane geometry of Euclid, dealing with the geometry of triangles and circles. Prerequisite: calculus or consent of instructor. Byrne. MTWF, 11:00, Room 2.

## Music

Faculty: BITTNER, SITES, STEHN

- (U) Mus 190. **Applied Music.** 1-2 hours. (By arrangement.)  
Freshman year. Individual instruction in organ, piano, violin, cello, harp, voice, orchestral and band instruments. For music majors and music instructors. Stehn.
- (U) Mus 290. **Applied Music.** 1-2 hours. (By arrangement.)  
Sophomore year. Continuation of Mus 190, which is prerequisite. Stehn.
- (C) Mus 382. **Musical Fundamentals.** 3 hours. (Music Reading and Ear Training.)  
Acquiring more skill in reading song material; more advanced rhythmic patterns; major and minor modes; two-, three-, and four-part music; chording; ear training; dictation. Sites. TWThF, 8:00, Room 109.

(C) Mus 383. **Music Fundamentals.** 3 hours. (Music Education.)

The close relationship between music education and other areas in education; planning a music environment; directing the experiences of children in music; studying principles and procedures in teaching music skills. Sites. MTThF, 10:00, Room 109.

(U) Mus 390. **Applied Music.** 1-2 hours. (By arrangement.)

Junior year. Prerequisite: Mus 290 or equivalent. Stehn.

(U) Mus 408. **Seminar in Music History.** (G) 3 hours.

An intensive study of limited areas of music history, with emphasis on styles of particular composers, schools, and periods. Maximum undergraduate credit, 9 hours; maximum graduate credit, 9 hours. Prerequisite: Mus 360, 361, 362 or consent of instructor. Bittner. MWThF, 9:00, Room 109.

(U) Mus 431. **Advanced Conducting.** (G) (First Term) 3 hours.

The routine and technique of conducting. Problems of the symphony orchestra and choral groups. Score reading. Actual practice in conducting. Prerequisite: Mus 211, 212, 213 or equivalent; consent of instructor. Stehn. MWThF, 2:00, Room 109.

(U) Mus 435. **Applied Theory.** (G) (Second Term) 3 hours.

Designed primarily for school orchestra, band, and choral directors. Practical study of problems of harmony, form, structure, counterpoint, rhythm, and intonation as they are usually encountered in the music performed by high-school organizations. May be counted toward the degree of Master of Science in General Studies; may not be counted toward a music degree. Prerequisite: experience as an orchestra, band, or choral director, or consent of instructor. Bittner. MTThF, 10:00, Room 111.

(U) Mus 490. **Applied Music.** 1-2 hours. (By arrangement.)

Senior year. Prerequisite: Mus 390 or equivalent. Stehn.

(U) Mus 507. **Seminar: Band Technique.** 3 hours.

Rehearsal technique, training methods, selection of music, practical problems. In conjunction, a clinic band of forty to fifty high school freshmen and sophomores will be used. Stehn. MTWTh, 12:00, Room 109.

## Philosophy

Faculty: NEWHALL

(U) Phl 203. **Elementary Ethics.** 3 hours.

An introduction to the philosophical study of morality, e.g., right and wrong, free will and determination, morals and society, etc. MWThF, 9:00, Room 105.

(U) Phl 304. **Social Philosophy.** (First Term) 3 hours.

A review of social philosophy from the close of the eighteenth century to the present—from Rousseau, Burke, and Paine to Lenin and other recent writers. TWThF, 8:00, Room 105.

## Political Science

Faculty: SWARTHOUT, WIDMAYER.

(U) PS 202. **American Governments.** (Second Term) 3 hours.

National government. Widmayer, MTWF, 11:00, Room 111.

(U) PS 320. **World Politics.** (First Term) 3 hours.

Basic principles of the modern state system; analysis of factors making for conflict and cooperation. Widmayer. MWThF, 2:00, Room 206.

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

The nature, organization, and operation of political parties; election and recall of officers; proportional representation; initiative and referendum; civil-service reform. Swarthout. TWThF, 8:00, Room 312.

(U) PS 440. **Competing Ideologies in the World Today.** (G) 3 hours.

An analysis of the most important political ideas and ideals in the world today, including various democratic beliefs, various forms of communism, and the Indian and Moslem approaches. Widmayer. TWThF, 1:00, Room 206.

(U) PS 483. **The Executive in American Government.** (G) 3 hours.

Study of the executive branch in American government, with particular emphasis on the part played by the executive, and agencies attached to it, in legislative and judicial matters. Swarthout. MWThF, 9:00, Room 312.

(U) PS 507. **Seminar: Symposium of the Social Sciences.** 3 or 6 hours.

Swarthout. (See Ed 507. Education Seminar: Symposium of the Social Sciences.)

## Psychology

Faculty: BENNEE, BOYD, HEIST, SCHULZ, SMITH.

(C) (U) Psy 201. **General Psychology.** (First Term) 3 hours.

Introductory study of behavior and conscious processes. Survey of experimental studies with reference to motivation, learning, thinking, perceiving, and individual differences. Smith. MTWF, 11:00, Room 110.

(C) (U) Psy 202. **General Psychology.** (Second Term) 3 hours.

Smith, MTThF, 10:00, Room 110.

(U) Psy 205. **Applied Psychology.** 3 hours.

A survey of the ways in which psychology is applied in advertising, salesmanship, market research, measurement of opinion, occupational placement, development of personal efficiency. Prerequisite: Psy 201, 202. Smith. TWThF, 8:00, Room 110.

(U) Psy 208, 209, 210. **General Psychology Laboratory.** 1 hour each.

Introduction to experimental methods. Laboratory work coordinated with Psy 201, 202, Psy 205. One laboratory period. Smith. TWThF, 1:00, Room 110.

(C) Psy 311. **Human Development.** 3 hours.

Consideration of the child as an individual and as a member of social groups. Included is a study of the kinds of home and school environment essential to the best intellectual, physical, and emotional development of the child. Prerequisite: Psy 201, 202. Schulz. MWThF, 2:00, Room 207.

(S) Psy 411. **Mental Hygiene.** (g) 3 hours.

Principles and application of mental hygiene to problems of individuals in home, school, and occupational situations. Prerequisite: Psy 361 or equivalent. Heist. MWThF, 2:00, Room 103.

(U) Psy 421, 422. **Clinical Methods in Psychology.** (G) (First and Second Terms) 2 hours each.

Application of psychological methods to the study of the individual; surveys of intelligence, achievement, special-aptitude, and personality tests; theoretical and

statistical background for interpretation of test scores; training in diagnosis of actual cases. Psy 421 prerequisite for Psy 422. Boyd.

Psy 421. TThF, 8:00, Room 121.

Psy 422. TThF, 9:00, Room 121.

- (U) Psy 424, 425. **Mental-Testing Laboratory.** (G) (First and Second Terms) 2 hours each.

Supervised practice in the administration and scoring of individual and group intelligence tests and various tests of achievement, special aptitude, and personality. Two 2-hour laboratory periods. Psy 421 prerequisite for Psy 424; Psy 422 prerequisite for Psy 425. Boyd. *Initial meeting* 9:00, Wednesday, June 20, Room 121.

- (S) Psy 431. **Industrial Psychology.** (g) 3 hours.

Psychological characteristics of employees and psychological requirements of occupations, employee appraisal through development and use of evaluating instruments and recording of evaluations; psychological factors involved in maintaining employee fitness and morale. Prerequisite: Psy 202 or 207. Heist. MTWF, 11:00, Room 213.

- (U) Psy 460. **Developmental Psychology.** (g) (First Term) 3 hours.

Development of behavior and psychological activity through the prenatal period, infancy and childhood. Changes of intelligence, motor capacity, emotional response, language and social behavior. Emphasis on social influence. Schulz. MTWF, 11:00, Room 112.

- (U) Psy 461. **Developmental Psychology.** (g) (Second Term) 3 hours.

Development of behavior and psychological activity during adolescence, maturity and old age. Changes of intelligence, motor capacity, emotional response, language and social behavior. Emphasis on social influence. Bennee. MTWTh, 12:00, Room 104.

- (U) Psy 507. **Seminar: Individual Differences.** 3 hours.

Importance and extent of individual differences in various human traits. Examination of current psychological literature and experimental findings relative to such problems as the effects of practice, special abilities, and mental characteristics. Heist. MTWTh, 12:00, Room 213.

## Science

Faculty: CLARKSON, HOPSON, LANCE, LONG, MACNAB, MICKELSON, PAYNE

### Chemistry

- (S) \*Ch 104, 105, 106. **General Chemistry.** 4 hours each.

Required for nursing-education and medical-technical students. Mickelson. Lecture: Daily, 10:00 to 12:00 and 3:30 to 4:00, Room 303. Laboratory: Daily, 1:00 to 3:00, Room 304.

- (S) Ch 226, 227. **Organic Chemistry.** 5 hours each.

Carbon compounds of the aliphatic and aromatic series. Lange. Lecture: MTWTh, 8:00 to 10:00, Room 303. Laboratory: MTWTh, 10:00 to 2:00, Room 304.

### General Science

- (C) \*Sc 101, 102, 103. **Biological Science Survey.** 3 hours each.

Place of man in relation to other forms of life, with particular reference to

\* Students must make special arrangements with the instructor to register for less than the entire sequence.

heredity, nervous systems, organic evolution; importance of animal and plant forms as sources of food, shelter, clothing, and medicines, and as sources of disease. Clarkson. Lecture: MTWTh, 10:00 to 12:00 and 1:00 to 2:00, Room 314. Laboratory: MTWTh, 2:00 to 4:30, Room 314.

- (C) \*Sc 201, 202, 203. **Foundations of Physical Science.** 3 hours each.

A course in the elements of the branches of physical science, i.e., astronomy, chemistry, geology, meteorology, and physics. Study of the development of these fields from their earliest historical beginnings to their present-day positions and effects on society. Particular emphasis is placed on the development of scientific attitudes. Payne. MTWTh, 8:00 to 11:00, Room 313.

- (C) GS 311. **Natural History of Oregon.** (First Term) 3 hours.

(June 18-July 30). The earth and life history of Oregon; kinds and distribution of contemporary plant and animal life; man and his relations to the environment; conservation of natural resources. Prerequisite: upper-division standing and a year sequence in general biology. Hopson. Daily, 8:00, Room 314.

General Extension Division through Portland Summer Session will cooperate with University of Oregon and Oregon State College in presenting the Institute of Marine Biology, near Coos Bay. The following courses will be offered in the Institute: (Detailed description of these courses is contained in a special announcement.)

Z 201, 202, 203. **General Zoology.** 9 hours.

Bi 401, 501. **Research.** Hours to be arranged.

Bi 403, 503. **Thesis.** Hours to be arranged.

Bi 405, 505. **Reading and Conference.** Hours to be arranged.

Bi 407, 507. **Seminar.** 1 hour.

Bi 450. **Marine Invertebrate Types.** (g) 2 hours.

Bi 451. **Planktonology.** (G) 3 hours.

Bi 462. **Invertebrate Zoology.** (G) 6 hours.

Bi 474. **Biology of Fishes.** (G) 6 hours.

Bi 482. **Marine Ecology.** (G) 3 hours.

### Physics

- (S) \*Ph 101, 102, 103. **Engineering Physics.** 4 hours each.

(June 18 to August 17). Studies in general physics adapted to students in engineering. Prerequisite: Mth 101 or equivalent. Long. Lecture: Daily, 9:00 to 11:00, Room 2. Laboratory: MTWTh, 1:00 to 4:00, Room 3.

- (S) \*Ph 201, 202, 203. **General Physics.** 4 hours each.

(June 18 to August 17). Mechanics, sound, heat, light, electricity, and magnetism. Prerequisite: Mth 100 or equivalent. Long. Lecture: Daily, 9:00 to 11:00, Room 2. Laboratory: MTWTh, 1:00 to 4:00, Room 3.

### Science Education

- (U) Ed 534. **Science in the Elementary School.** 3 hours.

Hopson. (See description under EDUCATION.)

- (C) Ed 410. **Methods and Research Materials: Science.** (G) 3 hours.

Hopson. (See description under EDUCATION.)

\* Students must make special arrangements with the instructor to register for less than the entire sequence.

## Secretarial Science

Faculty: BACKLUND

- (S) SS 111. **Stenography.** (First Term) 3 hours.  
Theory of shorthand; practical applications in sentence dictation. SS 121, 122, 123, must be taken concurrently unless the student has had the equivalent. Students with one year of high school shorthand may receive credit for SS 111 upon recommendation of instructor. MTThF, 10:00, Room 308.
- (S) SS 121. **Typing.** (First Term) 2 hours.  
For individuals with no typing or some typing background, study of keyboard technique, dictation exercises, numbers, vertical and horizontal spacing, centering, letter placement and addressing envelopes, speed and accuracy drills, and straight copy writing. Individual attention to all typing problems. Daily, 12:00, Room 307.
- (S) SS 122 or 123. **Typing.** (Second or Third Term) 2 hours each.  
Writing paragraphs, punctuation and mechanical arrangement of business correspondence, legal forms, tabulating, manifold, and speed practices. Daily, 1:00, Room 307.

## Sociology

Faculty: DRUM, SHANNON.

- (U) Soc 205. **General Sociology.** (Second Term) 3 hours.  
The basic findings of sociology concerning the individual, culture, group life, social institutions, and factors of social change. Required of all majors. Prerequisite: sophomore standing or consent of instructor. Shannon. TWThF, 8:00, Room 207.
- (U) Soc 334. **Social Psychology.** (First Term) 3 hours.  
Analysis of the psychological and sociological processes involved in personality formation and in various forms of group behavior. Particular attention to origin, function, ideologies, membership, and leadership. Required of all majors. Prerequisite: Soc 204, 205, or Psy 201, 202. Shannon. MWThF, 9:00, Room 207.
- (U) Soc 338. **Marriage and the Family.** 3 hours.  
The growth and development of the family throughout its life cycle. The family and personality development, dating, courtship, selection of marital partner, engagement, wedding and honeymoon, adjustment processes in marriage and family living, family crises. Prerequisite: junior standing. Drum. MTWF, 11:00, Room 105.
- (U) Soc 407. **Seminar: Family Life Education.** (G) 3 hours.  
Meaning and content; course content on pre-school elementary, and high-school level. Psychology of personality development. Role and fundamentals of sex education in family life. Basic psychological concepts in teaching family life. Counseling in family life education. Of special interest to teachers, counselors, deans of men and women and school administrators. Drum. MTWTh, 12:00, Room 111.
- (U) Soc 417. **Criminology and Delinquency.** (G) (Second Term) 3 hours.  
The nature and extent of delinquency as a form of deviant social behavior; contributing factors; current prevention and treatment programs. Prerequisite: Soc 204, 205; or Psy 201, 202; or Soc 307. Drum. MWThF, 2:00, Room 105.
- (U) Soc 437. **Sociology of Race Relations.** (G) 3 hours.  
The development of "race consciousness" and emergent problems of race-culture contacts. Prerequisite: introductory course on sociology, anthropology, or psychology. Shannon. MTWF, 11:00, Room 104.

## Speech

Faculty: GAUPP, KRETSINGER, LILLYWHITE, McANALLEN, ROBERTS, WOOD

- (C) Sp 111. **Fundamentals of Speech.** 3 hours.  
Course to give the student opportunity to develop poise and confidence in speech and to organize and present material effectively.  
Section I. Roberts, MWThF, 9:00, Room 211.  
Section II. Kretsinger. MTWTh, 12:00, Room 315.
- (U) Sp 221. **Public Discussion.** 2 hours.  
Preparation of speeches before public audiences. Kretsinger, MWTh, 1:00, Room 109.
- (S) Sp 244. **Stagecraft and Lighting.** 3 hours.  
Methods of constructing scenery and stage properties; lighting equipment and basic principles of lighting; practical experience in lighting, backstage procedures, designing and construction of settings both realistic and suggestive. McAnallen. TWThF, 1:00, Room 107.
- (S) Sp 251. **Workshop Theater.** 1-3 hours.  
For participation in campus plays, credit totaling not more than 6 hours is given on recommendation of instructor. Prerequisite: consent of instructor. Gaupp, McAnallen. *Initial meeting* 3:00, Wednesday, June 20, Room 107.
- (U) Sp 370. **Phonetics.** 3 hours.  
A study of the speech mechanisms and the physiological processes involved in the production of speech. This course meets the State Department of Education requirement for voice science and phonetics. Lillywhite. TWThF, 1:00, Shattuck School.
- (U) Sp 411. **Speech for the Classroom Teacher.** 3 hours.  
Instruction in speech and speech forms designed for classroom use. Required for English majors who intend to teach, but open to all prospective teachers. Roberts. MTWF, 11:00, Room 211.
- (U) Sp 444. **Radio and Television Program Production.** (G) (First Term) 3 hours.  
Theory and practice of production techniques as they apply to major program types. Critical evaluation of programs, programming patterns, audience-analysis techniques. Prerequisite: consent of instructor. Kretsinger. MTThF, 10:00, Room 211.
- (U) Sp 453. **Theory and Dramatic Production.** (G) (Third Term) 3 hours.  
Theory of various elements of dramatic production and theory of dramatic structure. Gaupp. MTThF, 10:00, Room 107.
- (U) Sp 481. **Speech Defects and Disorders.** (G) (First Term) 3 hours.  
Symptoms and causes of speech abnormalities; emphasis on diagnosis and basic pathology of articulatory defects and delayed speech, with discussion of methods of treatment limited to general principles. Prerequisite: Sp 370 or consent of instructor. Lillywhite. MWThF, 2:00, Shattuck School.
- (U) Sp 483. **Clinical Methods in Speech Correction.** (G) 3 hours.  
Study of specific approaches and techniques in the treatment of the major speech defects, including functional articulatory difficulties, cleft-palate speech, stuttering, and neurological speech disorders. Wood. MWThF, 2:00, Shattuck School.

- (U) Sp 484, 485, 486. **Clinical Practice in Speech Correction.** (G) 2 hours each.

Actual case experience for student clinicians in the diagnosis and treatment of speech-defective children and adults, under supervision. Prerequisite: Sp 481. Lillywhite and staff. Clinical work, daily, two hours to be arranged between 8:30 and 12:00; required conference section MTWTh, 12:00. All classes will meet at the Crippled Children's Division building, 745 SW Gaines Street, Portland.

- (U) Sp 487. **Rehabilitation of the Hard-of-Hearing.** (G) (First Term) 3 hours.

The nature of hearing; hearing loss and speech involvements. Feldman. TWThF, 1:00, Shattuck School.

- (C) Sp 492. **Principles and Techniques of Speech Correction.** (g) 3 hours.

Designed to survey the field of speech defects and to acquaint classroom teachers with an understanding of typical speech defects among children and basic techniques for their prevention and correction. Emphasis placed on those areas of speech correction to aid classroom teachers including analysis of speech mechanics, recognition of defects, formation of sounds, testing devices, and parent cooperation. English. TWThF, 1:00, Shattuck School.

- (U) Sp 507. **Seminar: Discussion Theory and Methods.** 3 hours.

Analysis of discussion forms, patterns of participation, and outcomes of discussion to provide insight necessary for planning, leading, and participating in discussions and conferences and for facilitating better communication among people. Emphasis on problem-solving methods and improved inter-personal relations. Practice discussions and review of the literature of discussion. Roberts. MTWTh, 12:00, Room 211.

See the following listed under EDUCATION:

- (U) Ed 507. **Education Seminar: Creative Dramatics for the Elementary School.** 3 hours. Gaupp.
- (U) Ed 508. **Workshop for Directors of High School Plays.** 3 hours. McAnal-len.

# Schedule of Classes

## Eight Weeks

### 8:00 a.m.

Number	Course Title	Instructor	Room
Anth 317.	The American Indian. TWThF	Brant	215
A 321.	Art Fundamentals. TWThF	Heidel	317
BA 223.	Elements of Marketing. TWThF	Ballaine	104
BA 434.	Income Tax Procedure. TWThF	Boyd	306
Ch 226, 227.	Organic Chemistry. MTWTh	Lange	303
Ec 326.	Organized Labor. TWThF	Halley	216
Ec 417.	Contemporary Economic Problems. (g) TWThF	Wattles	214
Ed 344.	Physical Education in the Grades. (Sec. I) TWThF	Greenslade	Gym
Ed 409.	Psycho-Educational Clinic. (G) MTWF	Phelps,	
		Bentall	Shattuck
Ed 435.	Audio-Visual Aids. (G) (Sec. I) TWThF	Somerville	106
Ed 476.	School Law and Organization. TWF	Meindl	208
Ed 513.	Evaluation of Classroom Instruction. TWThF	Jewett	102
Ed 543.	History of American Education. TWThF	Guy	113
Ed 565.	Curriculum Foundations. TWThF	Stotler	213
Eng 436.	Advanced Shakespeare. (G) TWThF	Taylor	315
GL 1, 2.	First-Year German. Daily	Eaton	204
RL 1, 2.	First-Year French. Daily	Wawrzyniak	206
Geog 320.	Political Geography. TWThF	Caldwell	211
Hst 103.	History of Western Civilization. TWThF	Kerr	111
Hst 343.	Europe Since 1815. TWThF	Cox	103
J 489.	Supervision of School Publications. (g) TWThF	Bauer	308
Mth 100.	Intermediate Algebra. Daily	Byrne	2
Mus 382.	Music Fundamentals. TWThF	Sites	109
Phil 304.	Social Philosophy. TWThF	Newhall	105
PS 414.	Political Parties and Election Problems. (G) TWThF	Swarthout	312
Psy 205.	Applied Psychology. TWThF	Smith	110
Psy 421.	Clinical Methods in Psychology. (g) TThF	Boyd	121
Sc 201, 202, 203.	Foundations of Physical Science. MTWTh	Payne	313
Soc 205.	General Sociology. TWThF	Shannon	207
Wr 111.	English Composition. TWThF	Ford	319

### 9:00 a.m.

Anth 209.	Introduction to Cultural Anthropology. MWThF	Brant	215
A 322.	Art Fundamentals. MWThF	Heidel	373
BA 111, 112, 113.	Constructive Accounting. MTWTh	Hinds	306
BA 222.	Elements of Finance. MWThF	Boyd	213
BA 414.	Problems in Personnel Management. (G) MWThF	Ballaine	104
Ch 226, 227.	Organic Chemistry. MTWTh	Lange	303
Ec 411.	Monetary and Banking Theory. (G) MWThF	Wattles	319
Ed 312.	Educational Psychology. MWThF	Bennee	101
Ed 313.	Psychological Foundations of Teaching II. MWThF	Jewett	102
Ed 344.	Physical Education in the Grades. (Sec. II). MWThF	Greenslade	Gym
Ed 410.	Methods and Research Materials: Language Arts. (G) MWThF	Choate	216
Ed 435.	Audio-Visual Aids. (G) (Sec. II) MWThF	Malter	110
Ed 461.	Psychology of Reading Instruction. (G) MTThF	Phelps,	
		Bentall	Shattuck
Ed 536.	Language Arts in the Elementary School. MWThF	Choate	216
Ed 546.	Philosophy of Education. MWThF	Guy	106
Eng 201.	Shakespeare. MWThF	Oliver	214
Eng 507.	Seminar: Drama. MWThF	Taylor	315
CL 1, 2.	First-Year German. Daily	Eaton	204
RL 1, 2.	First-Year French. Daily	Wawrzyniak	206
Geog 105.	Introductory Geography. MWThF	Brooke	208
Geog 431.	Geography of Asia. (G) MWThF	Caldwell	112
Hst 201.	History of the United States. MWThF	Hoffman	111
Hst 474.	American Foreign Relations. (g) MWThF	Kerr	113
Mth 106.	Plane Trigonometry. Daily	Bumer	103
Mus 408.	Seminar in Music History. (G) MWThF	Bittner	109

Number	Course Title	Instructor	Room
Phl 203.	Elementary Ethics. MWThF	Newhall	105
PS 483.	The Executive in American Government. (G) MWThF	Swarthout	312
Psy 422.	Clinical Methods in Psychology. (G) TThF	Boyd	121
Sc 201, 202, 203.	Foundations of Physical Science. MTWTh	Payne	313
Soc 334.	Social Psychology. MWThF	Shannon	207
Sp 111.	Fundamentals of Speech. (Sec. I) MWThF	Roberts	211

## 10:00 a.m.

BA 111, 112, 113.	Constructive Accounting. MTWTh	Hinds	306
Ch 104, 105, 106.	General Chemistry. Daily	Mickelson	303
Ec 202.	Principles of Economics. MTThF	Halley	121
Ed 407a.	Workshop in Children's Literature. MTThF	Petersen	216
Ed 410.	Methods and Research Materials: Art. (G) MTThF	Dietz	317
Ed 410.	Methods and Research Materials: Reading. (G) MTThF	Choate	213
Ed 462.	Psychology of Exceptional Children. (G) MTThF	Bennee	104
Ed 485.	Principles and Practices in Guidance Services. (G) MTThF	Ludwig	101
Ed 507.	Education Seminar: Unit Construction. MTThF	Lee	105
Ed 508.	Workshop in Children's Literature. MTThF	Petersen	216
Ed 537.	Reading in the Elementary School. MTThF	Choate	213
Ed 574.	School Supervision. MTThF	Nutting	102
Eng 102.	Survey of English Literature. MTThF	Weiss	319
Eng 261.	Survey of American Literature. MTThF	Oliver	214
Eng 395.	Twentieth-Century Literature. MTThF	Hart	204
Geog 106.	Introductory Geography. MTThF	Brooke	208
HE 252.	First Aid. MTThF	Holland	312
Hat 202.	History of the United States. MTThF	Gilmore	215
Hat 460.	History of American Thought and Culture. (g) MTThF	Hoffmann	113
Mth 107.	Analytic Geometry. Daily	Bumer	103
Mth 311.	Foundations of Mathematics. MTThF	Byrne	112
Mus 383.	Music Fundamentals. MTThF	Sites	109
Mus 435.	Applied Theory. (G) MTThF	Bittner	111
PE 444.	Tests and Measurements in Physical Education. (G) MTThF	Rhoda	206
Psy 202.	General Psychology. MTThF	Smith	110
Sc 101, 102, 103.	Biological Science Survey. MTWTh	Clarkson	314
Sc 201, 202, 203.	Foundations of Physical Science. MTWTh	Payne	313
SS 111.	Stenography. MTThF	Backlund	308
Sp 444.	Radio and Television Program Production. (G) MTThF	Kreisinger	211
Sp 453.	Theory of Dramatic Production. (G) MTThF	Gaupp	107
Wr 411.	English Composition for Teachers. (g) MTThF	Ford	315

## 11:00 a.m.

A 127.	Art Appreciation. MTWF	Prasch	317
A 323.	Art Fundamentals. (Art Education). MTWF	Dietz	373
BA 111, 112, 113.	Constructive Accounting. MTWTh	Hinds	306
BA 371.	Business Techniques for Teachers. MTWF	Boyd	214
Ch 104, 105, 106.	General Chemistry. Daily	Mickelson	303
Ed 409.	Psycho-Educational Clinic. (G) MTWF	Phelps,	
		Bentall	Shattuck
Ed 410.	Methods and Research Materials: Music. (G) MTWF	Sites	109
Ed 463.	The Maladjusted Child. (G) MTWF	Bonney	103
Ed 507.	Education Seminar: Social Sciences Symposium. TWThF	Staff	121
Ed 507.	Education Seminar: Creative Dramatics for the Elementary School. MTWF	Gaupp	107
Ed 512.	Research Procedures in Education. MTWF	Wiegman	102
Ed 526.	High-School Counseling. MTWF	Ludwig	101
Ed 572.	Public School Administration. MTWF	Ulry	301
Eng 104.	Appreciation of Literature. MTWF	Lill	313
Eng 301.	Tragedy. MTWF	Franchere	308
Eng 388.	Children's Literature and Library. Daily	Petersen	216
Eng 511.	Contemporary Developments in the Humanities. MTWF	Taylor	315
GL 101, 102.	Second-Year German. Daily	Eaton	204
RL 11, 12.	First-Year Spanish. Daily	Wawrzyniak	206
Geog 107.	Introductory Geography. MTWF	Caldwell	208
Hat 203.	History of the United States. MTWF	Kerr	113
Hat 448.	Soviet Union. (g) MTWF	Cox	203
Hat 478.	History of the Pacific Northwest. (G) (Sec. I) MTWF	Hoffmann	215
Mth 415.	Advanced Euclidean Geometry. (g) MTWF	Byrne	2
PE 411.	Physical Education Workshop. (g) MTWF	Greenlade	Gym

Number	Course Title	Instructor	Room
PS 202.	American Governments. MTWF	Widmayer	111
Psy 201.	General Psychology. MTWF	Smith	110
Psy 431.	Industrial Psychology. (g) MTWF	Heist	213
Psy 460.	Developmental Psychology. (g) MTWF	Schuls	112
Sc 101, 102, 103.	Biological Science Survey. MTWTh	Clarkson	314
Soc 338.	Marriage and the Family. MTWF	Drum	105
Soc 437.	Sociology of Race Relations. (G) MTWF	Shannon	104
Sp 411.	Speech for the Classroom Teacher. MTWF	Roberts	211
Wr 113.	English Composition. MTWF	Weiss	319

## 12 m.

AA 295.	Display Design. MTWTh	Prasch	317
Ec 203.	Principles of Economics. MTWTh	Halley	215
Ed 359.	Methods and Materials: Reading and Allied Arts. MTWTh	Choate	106
Ed 507.	Education Seminar: Social Sciences Symposium. TWThF	Staff	121
Ed 507.	Education Seminar: Child Study. MTWTh	Lee	105
Ed 507.	Education Seminar: Comparative Education. MTWTh	Anderson	203
Ed 523.	School Activities. MTWTh	Ulry	301
Ed 554.	Elementary School Supervision and Administration. MTWTh	Nutting	102
Eng 391.	American Novel. MTWTh	Oliver	214
GL 101, 102.	Second-Year German. Daily	Eaton	204
RL 11, 12.	First-Year Spanish. Daily	Wawrzyniak	206
Geog 301.	Geography of the Pacific Northwest. MTWTh	Brooke	208
Hst 451.	Modern Near East. (G) MTWTh	Cox	112
Mth 203.	Differential and Integral Calculus. Daily	Bumer	103
Mus 507.	Seminar: Band Techniques. MTWTh	Stehn	109
PE 412.	Physical-Education Workshop. (g) MTWTh	Holland	Gym
PE 551.	Administration of Physical Education. MTWTh	Rhoda	312
Psy 461.	Developmental Psychology. (g) MTWTh	Bennee	104
Psy 507.	Seminar: Individual Differences. MTWTh	Heist	213
SS 121.	Typing. Daily	Backlund	307
Soc 407.	Seminar: Family Life Education. (G) MTWTh	Drum	111
Sp 111.	Fundamentals of Speech. (Sec. II) MTWTh	Kreisinger	315
Sp 507.	Seminar: Discussion Theory and Methods. MTWTh	Roberts	211

## 1:00 p.m.

Ed 311.	The School in American Life. TWThF	Phelps	301
Ed 358.	Methods and Materials: Science and Arithmetic. TWThF	Thomas	207
Ed 407a.	Workshop: Creative Crafts for Children. TWThF	Dietz	373
Ed 451.	Preprimary Education (Kindergarten). (G) TWThF	Petersen	204
Ed 464.	The Mentally Handicapped Child. (G) TWThF	Bonney	104
Ed 493.	Observation and Evaluation of Teaching (Elementary). TWThF	Ickes	208
Ed 553.	Elementary-School Curriculum. TWThF	Lee	106
Ed 556.	Curriculum Construction. TWThF	Nutting	102
Ed 589.	Organization and Administration of Guidance Services. TWThF	Ludwig	101
Eng 107.	World Literature. TWThF	Weiss	319
Hat 476.	History of the West. (G) TWThF	Hoffmann	111
Hat 478.	History of the Pacific Northwest. (G) (Sec. II). TWThF	Gilmore	203
Mth 10.	Elementary Algebra. Daily	Jenkins	103
PE 413.	Physical-Education Workshop. (g) TWThF	Holland	Gym
PE 556.	Administration of Buildings and Facilities. TWThF	Rhoda	312
PS 440.	Competing Ideologies in the World Today. (G) TWThF	Widmayer	206
Psy 208, 209, 210.	General Psychology Laboratory. TWThF	Smith	110
Sc 101, 102, 103.	Biological Science Survey. MTWTh	Clarkson	314
SS 122 or 123.	Typing. Daily	Backlund	307
Sp 221.	Public Discussion. MWTh	Kreisinger	109
Sp 244.	Stagecraft and Lighting. TWThF	McAnallen	107
Sp 370.	Phonetics. TWThF	Lillywhite	Shattuck
Sp 487.	Rehabilitation of the Hard-of-Hearing. (G) MTThF	Feldman	Shattuck
Sp 492.	Principles and Techniques of Speech Correction. (g) MWThF	English	Shattuck
Wr 112.	English Composition. TWThF	Lill	315

## 2:00 p.m.

Ed 415.	Student Teaching (Elementary). Th	Thomas	101
Ed 416.	Student Teaching (Secondary). Th	Anderson	106
Ed 424.	Measurement in Education. (G) MWThF	Bonney	104
Ed 467.	Applied Mental Hygiene. (G) MWThF	Heist	103



Number	Course Title	Instructor	Room
Ed 508.	Workshop for Directors of High School Plays. MWThF	McAnallen	107
Ed 527.	Secondary-School Administration and Supervision. MWThF	Ulry	301
Mus 431.	Advanced Conducting. (G) MWThF	Stehn	109
PS 320.	World Politics. MWThF	Widmayer	206
Psy 311.	Human Development. MWThF	Schulz	207
Psy 411.	Mental Hygiene. (g) MWThF	Heist	103
Soc 417.	Criminology and Delinquency. (G) MWThF	Drum	105
Sp 481.	Speech Defects and Disorders. (G) MWThF	Lillywhite	Shattuck
Sp 483.	Clinical Methods in Speech Correction. (G) MWThF	Wood	Shattuck

**3:00 p.m.**

Ed 415.	Student Teaching (Elementary). Th	Thomas	101
Ed 416.	Student Teaching (Secondary). Th	Anderson	106

**3:30 p.m.**

Ch 104, 105, 106.	General Chemistry. Daily	Mickelson	303
-------------------	--------------------------	-----------	-----

**One Week**

(Ed 407. Seminar: Workshop in Conservation and Outdoor Education for Elementary and Secondary Teachers	Hopson	Hoodoo	
(Ed 508. Workshop: Conservation and Outdoor Education for Elementary and Secondary Teachers (Section I: July 29-August 4 Section II: August 5-August 11)	Westcott	Ski Bowl	
Ed 407a. Education Seminar: Parent-Teacher Organization. Daily, 9:30 to 12:00 and 1:00 to 3:00 (August 13-17)	Mqorhesd	102	
Ed 508. Juvenile Delinquency Workshop. Daily, 9:30 to 12:00 and 1:00 to 3:00 (July 9-13)	Anderson	Shattuck	
IE 412. Driver Education and Training. Daily, 8:00 to 12:00 and 1:00 to 5:00 (August 13-17)		101	
IE 507. Seminar: Advance Course in Driver Education. Daily, 8:00 to 12:00 and 1:00 to 5:00 (August 20-24)	Neyhart	101	

**Two Weeks**

CT 408, 508. Workshop: Bishop Method of Clothing Construction. Advanced (July 23-August 3) Non-Credit (July 23-August 3)	Ingalls	Grant	
Ed 507. Education Seminar: Foundations of Education. MTWTh, 9:00 to 1:00 (July 9-20)	Spalding	Shattuck	

**Three Weeks**

(Ed 508. Workshop: Economic Education. Daily, 10:00 to 12:00 and 1:00 to 3:00 (June 18-July 6)	Malter	Shattuck	
	Ballaine		
	Wattles		
	Smith		

**Four Weeks**

Ed 508. Aviation Education Workshop. Daily, 8:00 to 12:00 and 1:00 to 4:00 (July 9-August 4)	Olds	Portland, Seattle	
Ed 575. School Finance. TWThF, 8:00 to 10:00 (June 18-July 13)	Hummel	203	
Ed 576. School Buildings. TWThF, 8:00 to 10:00 (July 16-August 10)	DeBernardis	203	
Eng 488. Literature for Teachers. (g) High School TWThF, 1:00 to 3:00 (June 18-July 13)	Franchere Hart	121	

**Six Weeks**

Number	Course Title	Instructor	Room
AA 255.	Ceramics. MTWTh, 1:00 to 4:00 (June 18-July 27)	Sperry	Art Museum
AA 290.	Painting. MTWTh, 9:00 to 12:00 (June 18-July 27)	Sandgren	Art Museum
(Ed 351. Health Education. (HEd 450. Elementary-School Health Education. (g) Daily, 8:00 (June 18-July 30)	Westcott	112	
(Ed 410. Methods and Research Materials: Science. (G) (Ed 534. Science in the Elementary School. Daily, 9:00 (June 18-July 30)	Hopson	314	
GS 311. Natural History of Oregon. Daily, 8:00 (June 18-July 30)	Hopson	314	
PE 406. Problems in Coaching Wrestling. MTThF, 10:00 (June 18-July 30)	Westcott	Gym	

**Nine Weeks**

(Ph 101, 102, 103. Engineering Physics. (Ph 201, 202, 203. General Physics. Lecture: Daily, 9:00 to 11:00 Laboratory: MTWTh, 1:00 to 4:00 (June 18-August 17)	Long	2 3	
---	------	--------	--

## General Extension Division

### Administration

- PHILIP G. HOFFMAN, Ph.D., Dean, General Extension Division; Professor of History.
- VIRON ALONZO MOORE, D.Ed., Assistant Dean, General Extension Division; Professor of Education.
- \*JAMES C. CAUGHLAN, Ph.D., Assistant Dean, General Extension Division; Professor of Education.
- DONALD R. LARSON, B.A., Assistant to the Dean, General Extension Division; Assistant Professor of Journalism.

### Department of State-Wide Services

- VIRON ALONZO MOORE, D.Ed., Head of Department; Professor of Education.
- HOWARD JOHN AKERS, D.Ed., Administrative Assistant; Head, Office of Correspondence Study; Associate Professor of Education.

### Portland Extension Center

- \*JAMES C. CAUGHLAN, Ph.D., Director, Portland Extension Center, Professor of Education.
- CLARK SPURLOCK, D.Ed., Assistant Director, Portland Extension Center, Associate Professor of History.

### Radio Station KOAC

- JAMES M. MORRIS, B.S., Program Manager; Associate Professor of Radio Speech.

### Department of Visual Instruction

- WILLIAM CURTIS REID, Ph.D., Head of Department; Professor of Visual Instruction.

### Portland Summer Session

- PHILIP G. HOFFMAN, Ph.D., Director; Professor of History.

### Institute of International Affairs

- DONALD R. LARSON, B.A., Head, Assistant Professor of Journalism.
- \* On sabbatical leave to June 30, 1956.

## Oregon State System of Higher Education

JOHN REESE RICHARDS, Ph.D., Chancellor, State System of Higher Education; Professor.

B.A. (1929), M.S. (1931), Pennsylvania State; Ph.D. (1936), Chicago. With System since 1953, chancellor since 1955.

DAVID W. E. BAIRD, M.D., LL.D., Dean of Medical School; Professor of Medicine.

M.D. (1926), Oregon; LL.D. (1946), Portland. With System since 1927, dean, Medical School, since 1943.

FRANK BROWN BENNETT, Ed.D., President, Eastern Oregon College of Education; Professor.

B.A. (1921), Willamette; M.A. (1933), Oregon; Ed.D. (1948), Willamette. With System since 1952, president, Eastern Oregon, since 1952.

HERBERT ARNOLD BORK, M.S., C.P.A., Comptroller and Bursar, State System of Higher Education; Dean; Professor.

B.A. (1924), Wisconsin; C.P.A. (1926); M.S. (1940), Oregon State. With System since 1934, comptroller since 1934.

RICHARD LYLE COLLINS, M.A., C.P.A., Budget Director, State System of Higher Education; Professor.

B.B.A. (1927), Oregon; C.P.A. (1931); M.A. (1940), Columbia. With System 1927-29 and since 1932, budget director since 1948.

JOHN FRANCIS CRAMER, D.Ed., President, Portland State College, Professor.

A.B. (1920), Willamette; A.M. (1921), M.Ed. (1932), D.Ed. (1937), Oregon. With System since 1944, president, Portland State, since 1955.

(WILLIAM) TRAVIS CROSS, B.A., Assistant to the Chancellor and Director of Information; Assistant Professor.

B.A. (1949), Stanford. With System since 1950, assistant to chancellor since 1953.

PHILIP G. HOFFMAN, Ph.D., Dean, General Extension Division, Professor of History.

B.A. (1938), Pacific; M.A. (1941), Southern California; Ph.D. (1948), Ohio. With System since 1953, dean, General Extension, since 1955.

ROY ELWAYNE LIEUALLEN, Ed.D., President, Oregon College of Education; Professor.

B.S. (1940), Pacific; M.S. (1947), Oregon; Ph.D. (1955), Stanford. With System since 1946, president, Oregon College, since 1955.

HAROLD J. NOYES, D.D.S., M.D., Dean of Dental School; Professor of Dentistry.

Ph.B. (1923), M.D. (1933), Chicago; B.S. (1928), D.D.S. (1928), Illinois. With System since 1946, dean, Dental School, since 1946.

EARL M. PALLETT, Ph.D., Secretary of Board and Chairman, High School-College Relations Committee.

B.S. (1921), M.S. (1922), Wisconsin; Ph.D. (1931), Oregon. With System since 1927, Secretary of Board since 1955.

ELMO NALL STEVENSON, Ed.D., President, Southern Oregon College of Education; Professor.

A.B. (1927), San Jose State; A.M. (1929), Ed.D. (1938), Stanford. With System since 1929, president, Southern Oregon, since 1945.

AUGUST LEROY STRAND, Ph.D., President, Oregon State College; Professor.

B.S. (1917), Montana State; M.S. (1925), Ph.D. (1928), Minnesota. With System since 1942, president, Oregon State, since 1942.

O MEREDITH WILSON, Ph.D., President, University of Oregon; Professor.

B.A. (1934), Brigham Young; Ph.D. (1943), California. With System since 1954, president, University, since 1954.

# Oregon State System of Higher Education

JOHN R. RICHARDS, Ph.D., Chancellor

PHILIP G. HOFFMAN, Ph.D.  
Dean, General Extension Division

O. MEREDITH WILSON, Ph.D.  
President, University of Oregon

JOHN F. CRAMER, D.Ed.  
President, Portland State College

DAVID W. E. BAIRD, M.D., LL.D.  
Dean, Medical School

HAROLD J. NOYES, D.D.S., M.D.  
Dean, Dental School

AUGUST L. STRAND, Ph.D.  
President, Oregon State College

ELMO N. STEVENSON, Ed.D.  
President, Southern Oregon College  
of Education

FRANK B. BENNETT, Ed.D.  
President, Eastern Oregon College of Education

ROY E. LIEUALLEN, Ed.D.  
President, Oregon College of Education

---

HERBERT A. BORK, M.S., C.P.A. .... Comptroller and Bursar

RICHARD L. COLLINS, M.A., C.P.A. .... Budget Director

TRAVIS CROSS, B.A. .... Assistant to the Chancellor  
Director of Information

WILLIAM H. CARLSON, M.A. .... Director of Libraries

---

EARL M. PALLETT, Ph.D. .... Chairman  
High School-College Relations Committee

FRANCIS B. NICKERSON, M.S. .... Executive Secretary  
High School-College Relations Committee

---

## Former Chancellors Oregon State System of Higher Education

WILLIAM J. KERR, D.Sc., LL.D. .... 1932-1935

FREDERICK M. HUNTER, Ed.D., LL.D. .... 1935-1946

PAUL C. PACKER, Ph.D., LL.D. .... 1946-1950

CHARLES D. BYRNE, Ed.D. .... 1950-1955

# The Department of State-Wide Services

The program of the Department of State-Wide Services includes extension classes outside Portland, in-service teacher education, conferences and workshops, and correspondence study.

Through its program of state-wide extension classes, General Extension Division provides the people of Oregon with opportunities for college instruction and educational growth in their home communities. Courses will be organized in any community which can furnish a suitable meeting place for a class and give assurance of an enrollment large enough to pay, through course fees, the cost of providing an instructor. The state-wide extension program includes both, courses for college credit and noncredit courses. Through the Department of State-Wide Services, General Extension Division cooperates in the operation of Central Oregon Community-College at Bend, Oregon.

Correspondence study at home under competent supervision is provided through carefully organized courses of instruction prepared by members of the faculties of the Oregon State System of Higher Education. These lesson outlines take the place of lectures and class exercises given to students in residence. More than two hundred courses in a wide variety of subjects are offered. Courses may be taken without credit by persons who enjoy the intellectual stimulus of organized, directed study, or they may be taken for credit toward a college degree. There are no special entrance requirements for correspondence courses; any adult who has sufficient preparation to profit from them may enroll. Complete information is published in a special Correspondence Study Bulletin.

Further information, bulletins, or catalogs may be obtained from the Department of State-Wide Services, General Extension Division, Eugene, Oregon.

