

Bulletin



PORTLAND

Summer
Session

1954

June 21–August 13

General Extension Division

BULLETIN

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APRIL, 1954

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**Oregon State System
of Higher Education**

BULLETIN

Portland Summer Session

Eight-Week Session

June 21-August 13

Summer Session 1954

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 in an articulated system, parts of an integrated whole. The educational program is so organized as to distribute as widely as possible throughout the state the opportunities for general education and to center on a particular campus specialized, technical, and professional curricula closely related to one another.

The institutions of the State System of Higher Education are the University of Oregon at Eugene, Oregon State College at Corvallis, Oregon College of Education at Monmouth, Southern Oregon College of Education at Ashland, and Eastern Oregon College of Education at La Grande. Portland State Extension Center, the University of Oregon Medical School, and the University of Oregon Dental School are located in Portland.

Each of the institutions provides the general studies fundamental to a well-rounded education. At the three colleges of education, students who do not plan to become teachers may devote their time to general studies or (at Southern Oregon and Eastern Oregon colleges of education) to approved lower-division programs in certain semiprofessional fields.

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

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, State 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
Secretarial Science.....	20
Driver Education.....	21
Economics.....	21
Education.....	21
English.....	30
Family Life and Home Administration.....	31
Foreign Languages.....	32
General Social Science.....	32
General Studies.....	32
Geography.....	33
Health and Physical Education.....	33
History.....	34
Journalism.....	35
Mathematics.....	35
Music.....	36
Philosophy.....	36
Political Science.....	36
Psychology.....	36
Science.....	38
Chemistry.....	38
General Science.....	39
Geology.....	39
Physics.....	39
Zoology.....	39
Science Education.....	39
Sociology.....	40
Speech.....	40
Workshops.....	41
SCHEDULE OF CLASSES.....	43
GENERAL EXTENSION DIVISION ADMINISTRATION.....	47
STATE SYSTEM ADMINISTRATIVE OFFICERS.....	48
THE DEPARTMENT OF STATE-WIDE SERVICES.....	<i>Inside back cover</i>

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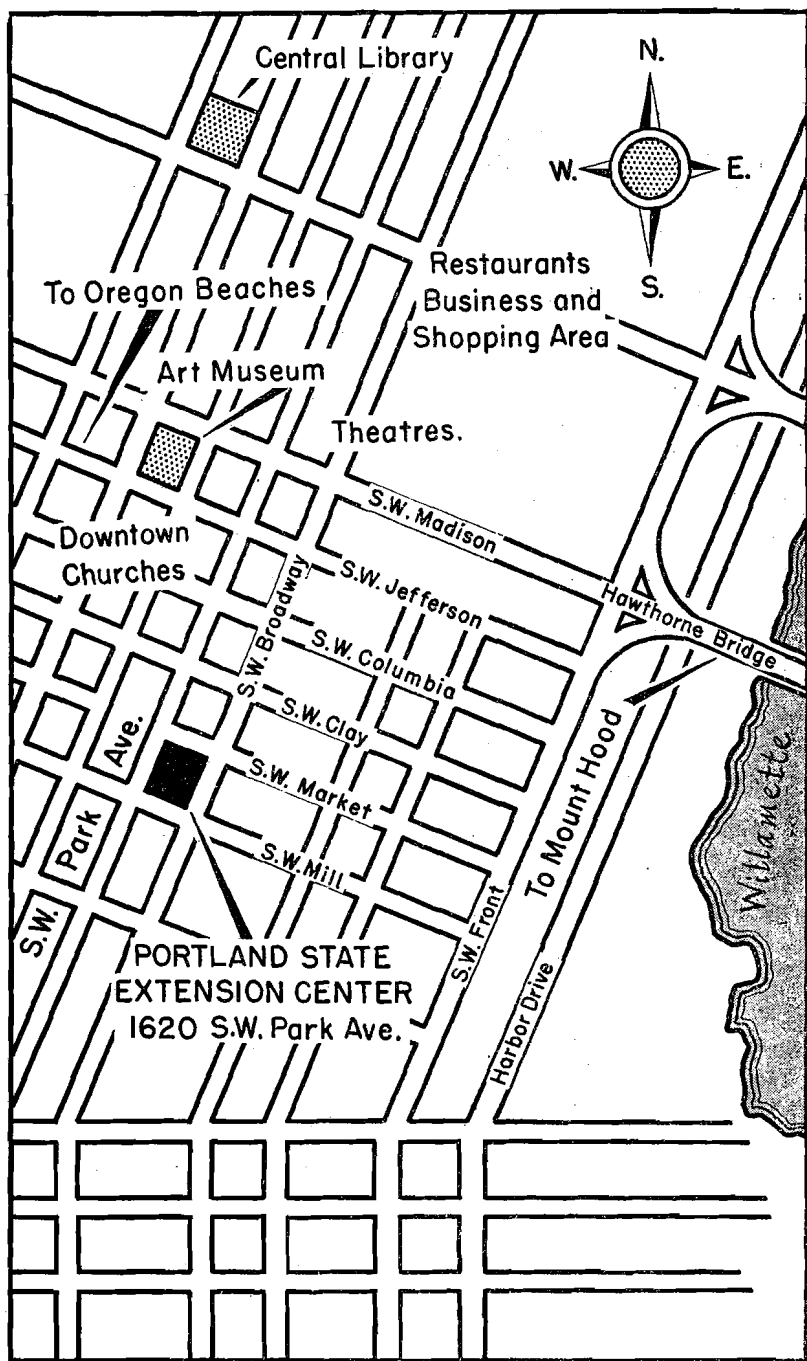
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Office of the State Board of Higher Education
Eugene, Oregon

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



1954

Portland Summer Session

Calendar

June 14-18, 21-25, *Mondays through Fridays*, Registration, 8:00-5:00.

June 22, *Tuesday*, Classes begin.

June 23, *Wednesday*, Last day to register without late fee.

June 23, *Wednesday*, Last day to enter class without instructor's signature.

June 24, *Thursday*, Late fee begins. Last day to change program without change of program fee.

June 28, *Monday*, Last day to register or to make program changes.

June 28, *Monday*, Last day to withdraw without responsibility for grades.

July 5, *Monday*, Holiday.

August 12-13, *Thursday and Friday*, Final Examinations.

August 13, *Friday*, Portland Summer Session ends.

NOTE: Registration for all courses of less than eight weeks will be taken no later than the third day of the course. Late registration is not permitted in such courses.

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

1954

Portland Summer Session

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General Information

The thirty-seventh 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. All such work may be counted as residence credit at University of Oregon, Oregon State College, or at one of the three Colleges of Education, provided that the institutional requirements for campus attendance are met.

LOCATION. The Portland State Extension Center building is located at 1620 S. W. Park Avenue, Portland 1, Oregon. The telephone number is CAPITOL 4251. All administrative offices and most classes are in this building. The office hours after registration dates are from 9:00 a.m. to 4:00 p.m. During registration, office hours are 8:00 a.m. to 5:00 p.m. The Registrar's office and Business office will be open from 8:00 a.m. to 11:30 a.m. on the first Saturday only.

WORKSHOPS. In cooperation with the Portland Public Schools a workshop in primary, intermediate and secondary education, guidance, gifted children, citizenship and arithmetic will be held at Washington high school, 531 S. E. 14th, Portland, from June 21 to July 16. Registration is limited to 300. Applicants may reserve positions by writing to Mr. Norman K. Hamilton, Assistant Superintendent, Portland Public Schools, 631 N. E. Clackamas, Portland 8, Oregon. This four-week workshop will carry six hours credit. See page 41.

In addition, workshops in economic education, education of the mentally retarded and marriage and family life will be a part of the regular program. The workshop in economic education will be held July 19 to August 13. For it we have the cooperation of the Joint Council for Economic Education. Enrollment is limited and by prior application. The workshops for the education of the mentally retarded and marriage and family life will operate for eight weeks. See page 31.

SCULPTURE WORKSHOP. August 16-27. Klamath Falls, Oregon.

Instructor: M. R. SPONENBURGH, Assistant Professor of Art, University of Oregon

Courses: (U) AA 293, **Beginning Sculpture**, 1 to 4 hours credit.

(U) AA 494, **Advanced Sculpture**, 1 to 4 hours credit

This workshop will be sponsored jointly by General Extension Division in the State System of Higher Education, and Klamath Art Association,

offering University of Oregon courses. Wood and stone carving will be emphasized, with special attention placed upon sculptural media indigenous to southern Oregon. Instruction will be conducted on an individual basis. The studio course will be complemented with a series of lectures intended to develop an awareness of historical and technical backgrounds of contemporary sculpture. For further information contact General Extension Division, Eugene, Oregon.

CLINIC PROGRAM. Courses comprising the clinic program in education and speech will be held at Shattuck School, 1914 S. W. Park Avenue, three blocks south of the Center building.

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 State 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.

CREDIT TOWARD GRADUATE DEGREES. In Portland Summer Session, Portland State 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 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 State 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.

* 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 $1\frac{1}{2}$.

† 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

Fifteen term hours of work toward the *Master of Arts* (departmental), *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. Both the qualifying and final examinations are written. 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 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 exceptional 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

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.

400 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, *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.

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 administrator's 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 State 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, and beginning with the second week, on Tuesdays and Thursdays from 6:30 to 9:00 p.m.

In addition to Portland State 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. daily, except Sunday, when the hours are 3:00 to 6:00 p.m.

TEXTBOOKS AND SUPPLIES. Instructors will announce the needed or required texts and supplies at the first meeting of their classes. These 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 Mr. 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 11:00 a.m. there will be an assembly in the auditorium. Programs will consist of music, plays, readings and addresses.

RECREATION. Summer session students can enjoy the almost endless variety of Portland's metropolitan recreational facilities. 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
during registration; 8:00 a.m.-4:00 p.m. thereafter.)

Summer Session registration fees are as follows:

Full-Time Students—7 credit hours or more.....	\$55.00
Part-Time Students—(For 6 credit hours or less) per credit hour.....	7.00
1 credit hour.....	\$14.00
2 credit hours.....	14.00
3 credit hours.....	21.00
4 credit hours.....	28.00
5 credit hours.....	35.00
6 credit hours.....	42.00
Minimum charge for 1 or 2 credit hours for any student.....	14.00
Auditors pay same fees as other students.	
Short Courses and Workshops—Follow schedule for part-time students according to credit or load.	
Late Registration Fee, due after June 23—per day, excluding Saturdays and Sundays (due after second day for courses of less than 8 weeks).....	1.00
Change of Program Fee, assessed beginning June 25 (for short courses, after first 3 classes).....	1.00

Special Fees:

Examination fee for graduate students not enrolled.....	10.00
Graduate qualifying examination fee.....	\$1.00 to 15.00
Transcript fee.....	\$.50 to 1.00
(One transcript of credits is issued free to any student. For any transcripts issued after the first, a fee of \$1.00 is charged for one copy, and \$.50 for each additional copy ordered simultaneously.)	
Staff fee—Per credit hour.....	3.00
(Available only to full-time employees, academic and non-academic, upon approval of Dean's office. Maximum of four credit hours. All fees and the maximum credit hour limitation may be	

waived for retired employees; for staff members on leave the maximum credit hour limitation may be waived but the fee is not waived.)

The State Board of Higher Education reserves the right to change the schedule of fees without notice.

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 21 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*. The refund schedule is as follows:

Withdrawal before close of business June 24—Refund of registration fees over.....	\$ 5.50
Withdrawal between June 25 and July 2—Refund of registration fees over.....	13.75
Withdrawal between July 6 and July 16—Refund of registration fees over.....	27.50
Withdrawal after July 16.....	no refund
Withdrawal from courses of less than eight weeks—refunds according to ratio shown for eight weeks.	

Library Fines and Charges

The following regulations govern library fines and charges:

- (1) A fine of 5 cents per day is charged for all overdue books other than reserve books.
- (2) The following fines are charged for violation of rules governing reserve books and material circulated by special permission: for overdue books, a regular fine of 25 cents for the first hour and 5 cents for each succeeding hour, or fraction thereof, until the book is returned or reported lost (a maximum charge of \$1.00 an hour may be made in cases of flagrant violation of the rules).
- (3) Books needed for use in the Library are subject to recall at any time. A maximum fine of \$1.00 a day may be imposed for failure to return promptly.
- (4) A service charge of 10 cents is added to all fines not paid at time book is returned.
- (5) Borrowers losing books are 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 is made to cover the cost of cataloging and processing the replacement copy.
- (6) When a lost book, for which the borrower has been billed, is returned before a replacement has been ordered, a refund not exceeding the replacement cost plus the \$1.00 cataloging and processing charge 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.

(7) Borrowers are issued a library card for use in the electric charging machine. A replacement fee of 25c is charged if this card is lost.

Note: The library card is issued upon presentation of the student's tuition receipt. This receipt should therefore be preserved, even when payment of tuition is by check. Students who hold a card from a previous quarter must have it validated for the summer session.

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 10 or more term hours in the summer session.

Other General Extension Division Services

The General Extension Division is the agency of the Oregon State System of Higher Education by which the University of Oregon, Oregon 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 STATE EXTENSION CENTER. The instructional program of fall, winter, and spring terms of Portland State Extension Center consists of both day and night classes.

The day program offers undergraduate work for full-time students. Entrance requirements, instructional programs, and co-curricular activities are similar to those offered at one or another of the campuses of the Oregon State System of Higher Education.

The night program offers approximately 250 courses in more than 30 departments and professional schools. 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 find 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 is Oregon's public-owned station of which the State Board of Higher Education is managing agency. The station 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, 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 State Extension Center Building.

1954

Portland Summer Session

Description of Courses

Anthropology

Instructor: FRANTZ.

- (U) Anth 207. **Introduction to Cultural Anthropology.** (First 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. TuWThF, 8:00, Room 109.

- (U) Anth 317. **The American Indian.** (First Term). 3 hours.

Early man in North America. Indian life before and after white contact. Analysis of contemporary Indian cultures in the United States, and changes resulting from contacts with industrialized peoples. MTuWTh, 12:00, Room 105.

Art

Instructor: FOSTER. Visiting Faculty: FARRUGGIO, GARRISON, SENSKA

- (C) A 211. **Art Structure I.** 3 hours.

The 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. Garrison. MWThF, 9:00, Room 316.

- (C) A 212. **Art Structure II: Design.** 2 hours.

Principles of design, structural and decorative; application through various media; foundation material for design in school work. Prerequisite: A 211. Schukart. MTuThF, 10:00, Room 316.

- (C) A 217. **Lettering.** 1 hour.

Lettering, including a study of historic styles such as Roman, Gothic, Old English, as well as the modern decorative, manuscript, and poster types. Foster. TuTh, 8:00, Room 313.

- (C) A 218. **Creative Crafts for Children.** 2 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. Garrison. MWF, 11:00, Room 316.

- (U) AA 255. **Lower-Division Ceramics.** 3 hours.

Introduction to ceramic techniques and materials. Throwing and Moulding. Surface decoration of two- and three-dimensional surfaces. Students participate in stacking, firing, and drawing the kilns. Open to nonmajors. Senska. June 21 to July 30. MTuWTh, 1:00 to 4:00, Art Museum.

- (U) AA 290. **Lower-Division Painting.** 3 hours.

Instruction in the use of oil color, water color, and other media. Farruggio. June 21 to July 30. MTuWTh, 9:00 to 12:00, Art Museum.

- (C) A 311. **Art Structure III.** 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 relative to individual needs at various age levels from primary through the junior high school. Prerequisite: A 211, 212. Schukart. MTuWTh, 12:00, Room 316.

See the following listed under EDUCATION:

- (U) (C) Ed 407, 507. **Education Seminar: Art Education in the Curriculum.** 3 hours. Schukart.
 (C) Ed 408. **Methods and Research Materials: Art.** (G) 3 hours. Garrison.

Business Administration

Instructor: HINDS. Visiting Faculty: ZIEBARTH.

- (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. MTuWTh, 9:00 to 12:00, Room 305.

BA 111. June 21-July 8, inclusive.

BA 112. July 9-July 27, inclusive.

BA 113. July 28-August 13, inclusive.

- (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. Ziebarth. TuWThF, 1:00, Room 104.

- (U) BA 428. **Manufacturing.** (G) 3 hours.

Brief study of principal manufacturing industries of the United States; history, technical processes, and vocabulary. Elementary knowledge of physics and chemistry desirable preparation. Prerequisite: BA 222, 223. Ziebarth. MTuWF, 11:00, Room 109.

- (U) BA 453. **Business Policy.** (G) 3 hours.

Coordination of the specialized work given in the school; the interdependence of different departments of a business concern. Prerequisite: BA 222, 223; Ec 201, 202, 203 or consent of instructor. Ziebarth. MTuThF, 10:00, Room 104.

Secretarial Science

Assistant Professor: BACKLUND.

- (S) SS 111. **Stenography.** 3 hours.

Theory of shorthand; practical applications in sentence dictation. SS 121, 122 or 123 must be taken concurrently unless the student has had the equivalent. Students with one year of shorthand are not permitted to take course SS 111 for credit. MTuThF, 10:00, Room 307.

(S) SS 121. Typing. 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 306.

(S) SS 122 or 123. Typing. 2 hours each.

Writing paragraphs, punctuation and mechanical arrangement of business correspondence, legal forms, tabulating, manifold, and speed practices. Daily, 1:00, Room 306.

Driver Education

Visiting Faculty: NEYHART.

(S) IE 412. Driver Education and Training. 3 hours.

A one-week course, August 23 to 27, in driver education. 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 2.

Economics

Visiting Faculty: WATTLES.

(U) Ec 201. Principles of Economics. (First Term). 3 hours.

Principles that underlie production, exchange, distribution, etc. Prerequisite: sophomore standing or consent of instructor. MTuThF, 10:00, Room 213.

(U) Ec 407, 507. Seminar: International Economic Relations. 3 hours.

An analysis of the major post-war international economic problems, their origin and proposed solutions. A critical examination of the foreign economic policy of the United States, with particular attention to commercial policy, aid programs and the promotion of foreign investment. MWThF, 9:00, Room 112.

(U) Ec 411. Money and Banking. (First Term). (G) 3 hours.

Nature of money, changes in the money supply, commercial banking, Federal Reserve System. Prerequisite: Ec 201, 202, 203 or consent of instructor. MTuWTh, 12:00, Room 213.

Education

Professors: CAUGHLAN, SPALDING. Associate Professors: BERNARD, HOFFMAN, HOPSON, HUMMEL, MOORHEAD, PHELPS, SCHULTZ. Assistant Professors: BREWER, GAUPP, HOLLAND, LEAVITT, SCHUKART. Instructors: JENKINS, LARIVIERE. Visiting Faculty: BALLAINE, BENTALL, BODE, BORTOLAZZO, BOYD, GARRISON, K., GARRISON, L., GRAHAM, HOWARD, KIRK, McBEER, MACOMBER, MARTIN, MATLOCK, MORK, PALMQUIST, PETERSEN, PUCKETT, REED, RICHARDSON, ROSEN, ROUCEK, TAYLOR, WOLFE.

(U) Ed 311. Secondary Education in American Life. 3 hours.

Education as a career, function of education in a democracy, historical backgrounds, characteristics and needs of pupils, basic principles of teaching, the secondary-school curriculum, pupil personnel work, school activities, school-community relationships. Prerequisite: Psy 201. Kirk. MTuWTh, 12:00, Room 203.

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

Physical, mental, emotional, and social development as bases for learning; educationally significant individual and group differences; learning and factors affecting learning. Bernard. TuWThF, 8:00, Room 210.

(U) Ed 313. Principles of Teaching. 3 hours.

Study of the actual classroom teaching process, including classroom organization and management, planning teaching units, evaluating pupil learning, and similar problems. Prerequisite: Ed 311, Ed 312. Bortolazzo. TuWThF, 1:00, Room 101.

(U) (C) Ed 316. Oregon School Law and System of Education. 2 hours.

Analysis of the Oregon school system and of the laws on which the system is based. Problems of Oregon schools, plans proposed for their solution, and trends in educational development in the state. Prerequisite: Ed 311. Jenkins. MWF, 11:00, Room 112.

*** (C) Ed 344, 345, 346. Physical Education in the Elementary Grades. 3 hours.**

Theory and practice in rhythm; singing games, group and folk dancing; stunts, games, self-testing activities, tumbling; materials; planning and evaluating program with reference to basic principles of physical education. Students must register for all three. Puckett. TuWThF, 1:00, Gym.

*** (C) Ed 351. Health Education. 2 hours.**

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; H 150, or consent of instructor. Holland. MWF, 2:00, Room 205.

(C) Ed 354. Introduction to Education. 3 hours.

Introduction to the field of education, including a historical survey of the American public-school system; the importance of public education to the life of the republic; the relation of the school to other social agencies; the relationship of education to other professions; the opportunities for service in the principal fields of educational work; current issues in American education; and the desirability of having a working philosophy of education. Kirk. MTuWTh, 12:00, Room 203.

*** (C) Ed 358. Primary Education. 4 hours.**

Principles and procedures of curriculum for primary grades; the young child studied in relation to home, primary school, and other agencies in the community. Designed to acquaint students with modern teaching procedures and materials, and to provide opportunity for application of sound psychological principles to guidance of children's learning. Class discussion, observation in the training schools, and organization of teaching materials. Prerequisite: Ed 354, Psy 201, or consent of instructor. Enrollment in each section limited to 30. McBee. Section I: Daily, 10:00, Room 210. Section II: Daily, 12:00, Room 212.

*** (C) Ed 359. Intermediate and Upper-Grade Education. 4 hours.**

Principles and procedures of curriculum for intermediate and upper grades. Designed to acquaint students with modern teaching procedures and materials and to provide opportunity for application of sound psychological principles to guidance of children's learning. Class discussion, observation in the training schools, and organization of teaching materials. Prerequisite: Ed 354, Psy 201, or consent of instructor. McBee. Daily, 2:00, Room 210.

*** (C) Ed 380. Elementary-School Library. 2 hours.**

Organization, administration, and development of the elementary-school library, including instruction in simple methods of handling essential technical, mechan-

* These courses will meet specific requirements of regular elementary certification.

ical, and business processes; the care and repair of books, evaluation of reference materials useful for both teacher and children; stimulation of wider use of books for study and recreation; utilization of the library resources of Oregon, and service of the school library to the community. LaRiviere. MWF, 1:00, Room 210.

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

(E) Ed 407s. **Education Seminar: Parent-Teacher Organization.** 2 hours.

A one-week course, August 16 to 20, 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 close and effective home-school-community co-operation. 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 101.

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

The enrichment of children's reading through literature. Designed for teachers and parents of children from nursery through the elementary grades. Petersen. MWThF, 9:00, Room 203.

(U) Ed 407. **Education Seminars.** 3 hours. (Open for both undergraduate and graduate credit.)

School Health Problems. See Ed 507, page 26.

Reading and Telling Children's Stories. See Ed 507, page 26.

Creative Dramatic Techniques. See Ed 507, page 26.

(C) Ed 408. **Methods and Research Materials: Art.** 3 hours.

An advanced art workshop-type course for elementary teachers. Problems, selected on the basis of the needs of the students, stress creative expression in relation to child growth and development. Garrison. TuWThF, 1:00, Room 316.

(C) Ed 408. **Methods and Research Materials: Elementary School Science.** (G) 3 hours.

Problems and methods in selecting and organizing materials for teaching elementary school science. 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. Hopson. MTuWTh, 12:00, Room 314.

(C) Ed 408. **Methods and Research Materials: Language Arts.** 3 hours.

Problems and methods in selecting and organizing materials for teaching language arts. Reed. MTuThF, 10:00, Room 103.

(C) Ed 408. **Methods and Research Materials: Reading.** 3 hours.

Problems and methods in selecting and organizing materials for teaching in reading. Wolfe. TuWThF, 1:00, Room 204.

(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, Sp 481. Phelps, Bentall. MTuWF, 8:00 or 11:00, Shattuck School.

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

Opportunities to make actual adjustment to schoolroom situations; to make application of principles laid down; to develop skill in the technique of teaching and of

classroom management. A limited number of local residents who are three- or four-year college graduates can be accommodated. Applications must be approved in advance. List of prerequisites and application forms can be secured from Supervisor of Elementary Student Teachers, Portland Summer Session. Leavitt. Daily, 8:00 to 10:00 or 10:00 to 12:00, Shattuck School. Conferences to be arranged after every visitation.

(U) Ed 415. Supervised Teaching. (Secondary). 3 hours.

Supervised experience in the many phases of high school teaching. Discussion of problems confronted by the student while teaching. A limited number can be accommodated. Selection will be made from written applications filed in advance. List of prerequisites and application forms can be secured from Supervisor of Secondary Student Teachers, Portland Summer Session. Bortolazzo. Daily, 9:00 to 12:00, Grant High School. Seminar Tuesday, 2:00, Room 104. PSEC building.

*** (C) Ed 418. Elementary Tests and Measurements. (G) 3 hours.**

Presentation of standardized tests in the various subjects taught in the elementary schools and in group intelligence tests, the uses and limitations of such tests, the general principles of classroom test making, and practice in administering, scoring, and interpreting various tests given in the elementary school. Prerequisite: Ed 358 and Ed 359 or consent of instructor. Schulz. TuWThF, 8:00, Room 301.

(U) 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. Schulz. TuWThF, 8:00, Room 301.

*** (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 program. Laboratory hours to be arranged. Enrollment in each section limited to 30. Brewer. Section I: TuWThF, 8:00, Room 105. Section II: MTuWF, 11:00, Room 105.

(C) Ed 459. Advanced Intermediate and Upper-Grade Education. (G) 2 hours.

Planned for experienced teachers or those specializing at the intermediate and upper-grade levels. Effectiveness of techniques; materials and their evaluation; solving of problems growing out of actual experience. Provides opportunities for special individual and group study in chosen areas and application of scientific procedure to organization of new materials. Prerequisite: Ed 359, teaching experience, or consent of instructor. Reed. TuWF, 8:00, Room 103.

(U) Ed 460. Psychology of Infancy and Childhood. (G) 3 hours.

Growth of behavior during the prenatal period, infancy, and childhood; development of muscular activities, perception, emotional adjustment, intelligence, language, and social behavior in childhood. Not open to students who have completed Psy 460. Garrison. MWThF, 9:00, Room 210.

(U) Ed 461. Psychology of Adolescence. (G) 3 hours.

Behavior changes during preadolescence and adolescence, in relation to physiological development and social and cultural factors; emphasis on personal and social adjustment. Not open to students who have completed Psy 461. Garrison. MTuWF, 11:00, Room 210.

* These courses will meet specific requirements of regular elementary certification.

- (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. Martin. TuWThF, 8:00, Room 102.
- (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. Rosen. MTuThF, 10:00, Room 212.
- (U) Ed 464. **The Mentally Handicapped Child.** (G) 3 hours.
Identification and guidance of the mental deficient, the slow learner, and the gifted. Bode. TuWThF, 8:00, Room 112.
- (U) Ed 465. **Diagnostic and Remedial Techniques.** (G) 3 hours.
Diagnostic, remedial, and corrective techniques in basic school subjects; applications of techniques to actual cases will be limited to the areas of reading, spelling, and speech. Techniques of screening and conferencing will be developed. Prerequisite: Ed 478. Phelps. MWThF, 9:00, Shattuck School.
- * (C) Ed 467. **Applied Mental Hygiene.** 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, 261, Ed 312. Bernard. MTuThF, 10:00, Room 109.
- (C) Ed 468. **Diagnostic and Remedial Instruction in Reading.** (G) 3 hours.
Diagnostic, remedial, and corrective techniques in basic school subjects: applications of techniques to actual cases will be limited to the areas of reading, spelling, and speech. Techniques of screening and conferencing will be developed. Prerequisite: Ed 478. Phelps. MWThF, 9:00, Shattuck School.
- (C) Ed 471. **School Finance.** (G) 3 hours. (See Ed 575).
- (C) Ed 472. **Principles and Practices in Curriculum Construction.** (G) 3-4 hours. (See Ed 566).
- (C) Ed 473. **Administration of the Elementary School.** (G) 3-4 hours. (See Ed 554).
- (C) Ed 474. **Supervision of the Elementary School.** (G) 3 hours. (See Ed 574).
- (E) Ed 478. **Improvement of Instruction in Reading.** (G) 3 hours.
Intensive study of the classroom teacher's responsibility in the teaching of reading in the elementary grades. General plan developed for teaching children of a given grade as a unit. Attention directed to the smaller groups which compose the unit, such as: the mentally and scholastically retarded; the neglected and unadjusted; children with physical handicaps. Stress will be placed on readiness at such level, the use of phonics, children's interest, selection of material, diagnostic and remedial procedures for classroom use. Wolfe. MTuThF, 10:00, Room 101.
- (S) Ed 485. **Principles and Practices of Guidance Services.** (G) 3 hours.
Overview of guidance and personnel work. Attention given to vocational, education, health, social, personality, recreational, and other aspects of individual development. Participation of teachers, counselors, administrators, parents, and community organizations in a program of guidance. For all teachers and administrators. Students specializing in guidance should begin with this course. Prerequisite: Senior standing, or consent of instructor. Matlock. TuWThF, 1:00, Room 2.

* This course will meet specific requirements of regular elementary certification.

- (S) Ed 487. **Counseling Techniques.** (G) 3 hours.

Mental, achievement, trade, and other tests; administration of such tests; classifications, methods in educational and vocational counseling. Prerequisite: Ed 485 or consent of instructor. Matlock. MTuThF, 10:00, Room 2.

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

Opportunity for experienced teachers to observe modern trends in elementary education as demonstrated in the training schools and to discuss educational practices and theories. A limited number can be assigned to the few places available for this course. Selection will be made from written applications filed in advance with the Supervisor of Elementary Student Teachers, Portland Summer Session. Open only to experienced teachers who require credits in elementary supervised teaching for certification. Reed and Leavitt. TuWThF, 1:00, Shattuck School. Observations at Shattuck School during the morning.

- (U) (S) Ed 501. **Educational Research.** Hours to be arranged.

Prerequisite: Graduate standing in education; consent of instructor.

Adult Education	Caughlan
College Teaching	Hoffman, Caughlan
Curriculum Instruction	Spalding, Phelps
Educational Psychology	Bernard
Elementary Education	Phelps, Leavitt
Evaluation and Surveys	Spalding, Hummel, Leavitt
Field Study	Hummel and Staff
Guidance	Matlock
History and Philosophy of Education	Roucek
Psycho-Educational Problems	Boyd
School Administration	Spalding, Hummel
Secondary Education	Hummel
Teacher Education	Spalding, Phelps, Leavitt

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

Prerequisite: Graduate standing in education.

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

(See Ed 401 for areas). Prerequisite: Graduate standing in education.

- (U) Ed 507. **Education Seminar: School Health Problems.** 3 hours.

Application of the problem-solving approach to improve situations affecting health which are frequently found in the school. A delineation of the responsibility of and cooperation between the teacher, nurse, and the school administration. Consultants in special areas will participate. Open to teachers and nurses in the non-urban areas. Palmquist and others. (July 19 to July 30). Daily, 12:30 to 4:30, Room 345.

- (U) Ed 507. **Education Seminar: Reading and Telling Children's Stories.** 3 hours.

An introduction to the collection of old folk and modern fanciful tales, with laboratory practice in the reading and telling of stories for children through all the elementary grades. Prerequisite: Eng 388. Enrollment limited to 25. Petersen. MTuWF, 11:00, Room 212.

- (U) Ed 507. **Education Seminar: Creative Dramatic Techniques.** 3 hours.

An eight-week comprehensive survey of the techniques of creative dramatics on the grade and high school level. A study of techniques and methods of bringing out creative drama from the experience of the students without the aid of prepared scripts. The uses of creative dramatics in the general curriculum. Lectures, discussions, and special problems. Gaupp and Graham. TuWThF, 1:00, Room 106.

(U) Ed 507. **Education Seminar: Human Relations.** 3 hours.

The course will include theories and practice in group work which are useable in pupil-pupil, teacher-pupil, teacher-principal, and teacher-supervisor relations. Members of the class will be encouraged to develop plans for studying and improving some aspect of the human relations in which they are involved. Spalding. MWThF, 2:00, Room 209.

(U) Ed 507. **Education Seminar: Psycho-Educational Problems.** 1 to 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 and staff. Shattuck School.

(U) Ed 507. **Education Seminar: School and Society in Modern Times.** 3 hours.

Discussion of selected topics centering around the impact of education upon society. Topics to include relation of education to communication (propaganda, radio, television); current controversy over education in America; the program of UNESCO; and the social use of education by Soviet Russia and her satellites. Roucek. MTuWF, 11:00, Room 209.

(U) Ed 507. **Education Seminar: Special Education for Teachers and Administrators.** 3 hours.

For Oregon administrators and teachers, to acquaint them with the growing importance of special education services in the public schools, to consider planning for and administration of such services, and to identify problems connected with special education programs. Taylor. TuWThF, 8:00, Room 209.

(U) Ed 507. **Education Seminar: Radio and Television in Education.** 3 hours.

A survey and analysis of the use of radio and television in school and adult education. The preparation, presentation and utilization of educational broadcasts and telecasts, as well as the development of listening and viewing discrimination, are covered. Brewer. MTuThF, 10:00, Room 105.

(U) Ed 508. **Curriculum Workshop.** (See WORKSHOPS, page 41.)

(U) Ed 508. **Workshop in Economic Education.** 6 hours.

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 studies 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. (July 19 to August 13). Ballaine, Mork. Daily, 10:00 to 12:00 and 1:00 to 3:00, Room 201.

(U) Ed 508. **Workshop in Education of the Mentally Retarded.** 3 or 6 hours.

The workshop will be designed to provide a broad, integrated, practical background in: basic organization of programs for education of the mentally retarded; methods and techniques in planning and providing daily learning experiences including arts and crafts activities; particular emphasis on the arts and crafts in the instructional program for retarded learners. Work in arts and crafts may be elected separately for one or two hours credit providing the student has one or more basic courses in the education of the mentally retarded. Opportunity to observe retarded learners will be provided by a demonstration class operated as an adjunct. Bode and Richardson. Daily, 1:00 to 4:00, Shattuck School.

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

The enrichment of children's reading through literature. Designed for teachers and parents of children from nursery through the elementary grades. Petersen. MWThF, 9:00, Room 203.

- (C) Ed 509. **Foundations of Education.** 3 hours.

(See Ed 565).

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

The nature and methods of research in the field of education; formulation of an individual educational problem; application of research techniques to the solution of the chosen problem. Bernard. MTuWTh, 12:00, Room 102.

- (U) Ed 522. **Secondary-School Curriculum.** 3 hours.

An advanced course for experienced teachers. The school in the community; guidance activities in the school; extraclass activities; the role of the school in contemporary society; the teacher in the local community. Kirk. MWThF, 9:00, Room 109.

- (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. MTuWF, 11:00, Room 2.

- (U) Ed 525. **Pupil Personnel Programs.** 3 hours.

The need for guidance and counseling; organization and administration of guidance services; tests, inventories, questionnaires, records; guidance in the curriculum; counseling the individual; the role of the home and the community in guidance; evaluation of guidance services. Matlock. MTuWTh, 12:00, Room 2.

- (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, education, and occupational adjustment. Matlock. MTuThF, 10:00, Room 2.

- (U) Ed 529. **Advanced Educational Psychology.** 3 hours.

Review of some modern viewpoints in educational psychology; discussion of useful experimental material. Prerequisite: graduate standing in education. Garrison. TuWThF, 1:00, Room 103.

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

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. MTuWTh, 12:00, Room 314.

- (U) Ed 535. **Social Studies in the Elementary School.** 3 hours.

Social-education objectives; children's social problems; unit development; work-study skills; organization of the program, materials; research findings basic to the social education of children. Howard. MTuWTh, 12:00, Room 211.

- (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. Reed. MTuThF, 10:00, Room 103.

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

Nature of the reading process, objectives, organization of a desirable reading pro-

gram; 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. Wolfe. MTuThF, 10:00, Room 101.

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

Intellectual development of America with special reference to education. Prerequisite: graduate standing in education. Roucek. MTuThF, 10:00, Room 111.

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

Fundamental problems of education, with some attempt at their solution; meaning of philosophy, philosophy of education; value for teacher and administrator. Prerequisite: graduate standing in education, or consent of instructor. MWThF, 9:00, Room 110.

(U) Ed 553. **Elementary School Curriculum.** 3-4 hours.

A systematic study of the elementary-school curriculum, including pupil needs in every-day life situations, objectives, essentials of a good program, varying curriculum designs, organization of learning experiences, evaluation of learning, and appraisal of newer curriculum practices. Wolfe. MWThF, 9:00, Room 206.

(U) Ed 554. **Elementary-School Supervision and Administration.** 3-4 hours.

The role, duties, needs, and problems of modern supervision, including the evaluation and improvement of the teaching-learning situation. *Acceptable only to meet Administration requirement for Elementary Principals' Credentials.* Leavitt. TuWThF, 1:00, Room 203.

(U) Ed 565. **Curriculum Foundations.** 3-4 hours.

Implication of basic social, philosophical, and psychological factors in curriculum planning and organization; historical background; techniques of curriculum planning. Spalding. MTuWF, 11:00, Room 205.

(U) Ed 566. **Curriculum Construction.** 3-4 hours.

Survey and appraisal of curriculum patterns; state and city programs; courses of study in major subject areas; techniques of course-of-study planning. (July 19 to August 13). Mork. TuWThF, 8:00 to 10:00, Room 201.

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

Relations of the principal to the school board; school finance, school records and accounts, school building program, pupil accounting, the teaching staff. Prerequisite: Ed 311, Ed 312, Ed 313 or teaching experience. Kirk. MTuThF, 10:00, Room 203.

(U) Ed 573. **Public School Organization.** 3 hours.

Organization in both grade and high school; emphasis on the small system. Prerequisite: Ed 311, Ed 312, Ed 313 or teaching experience. Spalding. TuWThF, 1:00, Room 205.

(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. Prerequisite: Ed 311, Ed 312, Ed 313 or teaching experience. Bortolazzo. TuWThF, 8:00, Room 111.

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

The problems of school finance and business management; sources of school income, relationship to the state financial structure; budgeting and accounting, as affected by the school program. Construction of a budget is a part of the course. Hummel. MTuWF, 11:00, Room 103.

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

A study of the problems involved in planning, financing, and constructing of

school buildings; the care and maintenance of buildings; and problems of equipment. An analysis of problems in a specific district is a part of the course. Hummel. MWThF, 9:00, Room 103.

(S) Ed 577. **Counselor Training: Group Procedures.** 3 hours.

Introduction to principles underlying behavior and methods for modifying individual's attitudes and actions by group procedures. Survey of group dynamics; evaluation of leader's role in group; process of attitudinal change and its results; approaches to group and play therapy; relation between individual and group counseling methods. Prerequisite: Ed 485, 487. Matlock. MTuWTh, 12:00, Room 2.

English

Associate Professors: DAHLETHOM, OLIVER. Assistant Professors: BIERMAN, BOGGS. Instructors: BLAKELEY, JOHNSON, SCHARBACH, WOOD. Visiting Faculty: DAHLBERG, PETERSEN.

Literature

(U) Eng 101. **Survey of English Literature. (First Term).** 3 hours.

From Beowulf to Milton. Bierman. MTuWTh, 12:00, Room 206.

(U) Eng 102. **Survey of English Literature. (Second Term).** 3 hours.

From Milton to Byron. Scharbach. MTuWF, 11:00, Room 203.

(U) Eng 104. **Appreciation of Literature. (First Term).** 3 hours.

The aim is to stimulate enjoyment and understanding of literature through study of outstanding works in prose and poetry, selected from all periods, including twentieth century; includes works in English and translations from other literatures. Johnson. MTuWTh, 12:00, Room 112.

(C) Eng 107. **World Literature. (First Term).** 3 hours.

A sequence in 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. Oliver. MTuWF, 11:00, Room 104.

(C) Eng 108. **World Literature. (Second Term).** 3 hours.

Boggs. MTuWF, 11:00, Room 204.

(C) Eng 120. **Essentials of Speech I.** 3 hours.

Course to give the student opportunity to develop poise and confidence in speech and to organize and present material effectively. Dahlberg. MTuThF, 10:00, Room 318.

(U) Eng 201. **Shakespeare. (First Term).** 3 hours.

Study of the important plays—comedies, histories, and tragedies. Required for majors. Bierman. MTuThF, 10:00, Room 206.

(U) Eng 320. **English Novel. (First Term).** 3 hours.

From Richardson and Fielding to the present. Boggs. MTuWTh, 12:00, Room 204.

(C) Eng 388. **Children's Literature.** 3 hours.

Acquaintance with, and appreciation of, the great body of literature belonging to the elementary-school program. Investigation in the field of children's interest in reading, and in grade placement of types and pieces of literature. Petersen. MTuWTh, 12:00, Room 210.

(U) Eng 399. **Contemporary Drama. (Second Term).** 3 hours.

English and American dramatists from Wilde, Shaw, and Galsworthy to O'Neill,

Robert Sherwood, Thornton Wilder, and Christopher Fry. Johnson. MTuThF, 10:00, Room 112.

- (U) Eng 407. **Seminar in Special Authors.** (G) Hours to be arranged.

A study of the works of Jonathan Swift. Bierman. TuWThF, 1:00, Room 209.

- (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. Dahlstrom. MTuWF, 11:00, Room 211.

- (U) Eng 475. **Literary Foundations of American Life. (First Term).** (g) 3 hours.

Study of those authors whose writings have largely given shape to American thought—from Bradford and the Puritans, through Woolman and Franklin, to Emerson. Required of all majors in American literature who have not taken Eng 261, 262, 263. Two consecutive terms will satisfy the high-school teaching requirement in English. Oliver. MTuWTh, 12:00, Room 104.

- (U) Eng 483. **Major American Writers: The Romantic Idealists. (Third Term).** (G) 3 hours.

Poe and Lowell. Oliver. MWThF, 9:00, Room 102.

Writing

- (U) Wr 111. **English Composition. (First Term).** 3 hours.

The fundamentals of English composition and rhetoric. Frequent written themes. Special attention to correctness in fundamentals and to the organization of papers. Scharbach. MTuWTh, 12:00, Room 301.

- (U) Wr 112. **English Composition. (Second Term).** 3 hours.

Scharbach. MWThF, 2:00, Room 301.

- (U) Wr 113. **English Composition. (Third Term).** 3 hours.

Johnson. MWThF, 2:00, Room 102.

- (U) Wr 411. **English Composition for Teachers.** (g) 3-4 hours.

For students expecting to teach English in high school. Practice in writing and a review of the rules of composition. Required for the satisfaction of the high-school teaching-field requirement in English. Prerequisite: Wr 111, 112, 113. Boggs. MWThF, 9:00, Room 204.

Family Life and Home Administration

Assistant Professor: DRUM.

- (S) FL 508. **Workshop: Marriage and Family Life.** 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. Offered in cooperation with E. C. Brown Trust. MTuWF, 11:00, Room 110.

Foreign Languages

Assistant Professor: EATON. Visiting Faculty: DOUGHERTY.

*French

- (U) RL 1, 2. **First-Year French.** 8 hours.

An introduction to the French language with practice in reading prose; practice in pronunciation and an understanding of the spoken language. Equivalent to the first two terms of First-Year French given during the regular academic year. Dougherty. Daily, 8:00 and 9:00, Room 101.

*German

- (U) GL 1, 2. **First-Year German.** 8 hours.

The fundamentals of grammar, oral drill, and translation of prose selections. Equivalent to the first two terms of First-Year German given during the regular academic year. Recommended for students who wish to acquire a reading knowledge. Eaton. Daily, 8:00 and 9:00, Room 318.

*Spanish

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

Provides an introduction to grammar and practice in reading modern prose; considerable practice in pronunciation and opportunity for understanding the spoken language. Equivalent of the first two terms of First-Year Spanish given during the regular academic year. Dougherty. Daily, 11:00 and 12:00, Room 101.

General Social Science

Assistant Professor: KROLL.

- (C) SSc 411. **Contemporary Problems. (First Term).** 3 hours.

A study of modern social, political, and economic problems from the standpoint of sociology, economics, psychology, biology, genetics, and the interference of civilization with the process of natural selection. Prerequisite: Sc 101, 102, 103; SSc 101, 102, 103; Psy 201, 202 or consent of instructor. MTuThF, 10:00, Room 204.

General Studies

Portland Summer Session Adviser: CAUGHLAN.
Chairman, University Committee: BERREMAN.
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.

* 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.

Geography

Instructor: DART. Visiting Faculty: ERICKSEN.

- (U) (C) Geog 105, 107. **Introductory Geography.** (First and Third Term). 3 hours each.

A general introduction to the field of geography in sequence as follows: Geog 105, regions of the world; Geog 107, cultural elements. Dart. Geog 105: TuWThF, 8:00, Room 310, Geog 107: MWThF, 9:00, Room 310.

- (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. Ericksen. MTuThF, 10:00, Room 205.

- (C) Geog 326. **Geography of Europe.** 3 hours.

The geographic backgrounds of European civilization; present-day regional and political adjustments to environmental conditions; geographical aspects of European colonial expansion; analysis of the geographic individualities of the major countries, and the relations between human life and natural environment. Dart. MTuWF, 11:00, Room 310.

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

Some of the special problems of Europe today studied in light of the geographic background of the continent. Prerequisite: Geog 105, 106, 107 or Geog 201, 202, 203 or consent of instructor. Dart. MTuWF, 11:00, Room 310.

- (U) Geog 432. **Geography of Africa.** (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 or consent of instructor. Ericksen. MWThF, 9:00, Room 205.

- (U) Geog 435. **Urban Geography.** (G) 3 hours.

World distribution of great cities; urban patterns, forms, and functions; systems of urban land classification; forces affecting urban land use; geographic aspects of city planning. Prerequisite: Geog 201, 202, 203; Geog 219 or consent of instructor. Ericksen. MTuWTh, 12:00, Room 302.

Health and Physical Education

Assistant Professor: HOLLAND. Visiting Faculty: PUCKETT.

- (U) HE 412. **Health-Education Workshop.** (g) 3 hours.

Teaching units for grades one through twelve will be developed on personal hygiene, including the effects of alcoholic drinks, stimulants and narcotics; nutrition; community health; and sanitation. Puckett. MTuWF, 11:00, Room 301.

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

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. Holland, MWThF, 2:00, Room 205.

- (C) PE 371. **Kinesiology.** 3 hours.

Body mechanics, applied to all phases of the physical-education program and athletics. Holland. MTuWF, 11:00. Room 307.

- (U) PE 407, 507. **Seminar: Organization and Administration of High School Physical Education and Athletic Programs.** 3 hours.

The problems of organization and administration of physical education at the secondary level; organization of department, organization of instruction, budget and operating costs, use of buildings and grounds. Holland. MTuWTh, 12:00, Room 305.

- (U) PE 412. **Physical-Education Workshop.** (g) 3 hours.

An opportunity will be provided for teachers to work out plans for the use of games of low organization to fit the needs of particular school situations. Puckett. MTuThF, 10:00, Gym.

- (U) PE 472. **Kinesiology.** (g) 3 hours.

Action of muscles involved in fundamental movements, calisthenics, gymnastics, and athletics. Prerequisite: (U) PE 471 or consent of instructor. Holland. MTuWF, 11:00, Room 307.

See the following listed under EDUCATION:

- (C) Ed 344, 345, 346. **Physical-Education in the Elementary Grades.** 3 hours. Puckett.
(C) Ed 351. **Health Education.** 2 hours. Holland.

History

Associate Professor: HOFFMAN. Assistant Professor: SPURLOCK.
Visiting Faculty: CAPPER-JOHNSON, CUTTER, HOWARD, MACKIRDY.

- (U) Hst 101. **History of Western Civilization. (First Term).** 3 hours.

Origins and development of Western civilization from ancient times to the present. MacKirdy. MTuWTh, 12:00, Room 205.

- (U) (C) Hst 377. **Oregon History.** 3 hours.

(See Hst 477).

- (C) Hst 378. **American History and Government. (First Term).** 3 hours.

A study of the development of the American nation, with emphasis on its political and social concepts. Attention is given to the factual and causal functions of its government, and to the adaptations that have been made to changing social and economic conditions. Hst 378 covers the period through the Civil War. Hoffman. MWThF, 9:00, Room 104.

- (C) Hst 379. **American History and Government. (Second Term).** 3 hours.

Since the Civil War. Howard, MTuThF, 10:00, Room 211.

- (U) Hst 405, 505. **Reading and Conference (Europe in the Nineteenth Century).** 3 hours.

The rise of the great national powers in Europe; their struggles, efforts to keep the peace, and failures to do so. The development of democracy in the great states and attempts to suppress it. The establishment of the alliance system and its nemesis in World War I. Capper-Johnson. MTuWTh, 12:00, Room 103.

- (U) Hst 407, 507. **Seminar: Attitudes of Nationals of Other Countries Toward Critical Periods in United States History.** 3 hours.

An interpretive survey of American history given by an outsider utilizing readings drawn from foreign commentators and visitors to the United States selected from different times in the past. MacKirdy. MWThF, 2:00, Room 206.

- (U) Hst 456. **History of Mexico.** (G) 3 hours.
Political, economic, and social development of Mexico from colonial times to the present, with some attention to pre-Columbian civilizations of the region. Cutter. MTuWTh, 12:00, Room 111.
- (U) Hst 462. **History of American Thought and Culture. (Third Term).** (g) 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. Howard. MWThF, 9:00, Room 211.
- (U) Hst 469. **Recent England.** (g) 3 hours.
Social, political, economic, and intellectual changes in Great Britain in the twentieth century. MacKirdy. MTuWF, 11:00, Room 206.
- (U) Hst 477. **History of the West. (Second Term).** (G) 3 hours.
The American frontier. Second term: the trans-Mississippi West. Cutter. MTuWF, 11:00, 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. Enrollment in each section limited to 30. Section I: Spurlock. MWThF, 9:00, Room 111. Section II: Cutter. MWThF, 2:00, Room 111.

Journalism

Instructor: LARSON.

- (U) J 211. **Introduction to Journalism.** 3 hours.
An introduction to the newspaper and other media of mass communication, including news, editorial, pictorial, business, and advertising aspects. No prerequisite. MWThF, 9:00, Room 306.

Mathematics

Associate Professor: HOPKINS. Assistant Professors: EATON, FLANAGAN.

- (S) Mth 100. **Intermediate Algebra.** 4 hours.
Prerequisite: one year of high-school algebra. Eaton. Daily, 11:00, Room 314.
- (C) Mth 211. **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. Flanagan. TuWThF, 1:00, Room 301.
- (U) Mth 425. **Elements of Statistical Methods. (First Term).** (g) 3 hours.
A basic course in statistical analysis. Presentation of data; sampling theory; tests of significance; analysis of variance and covariance, regression and correlation; sequential analysis; design of experiments; distribution-free techniques. Prerequisite: one year of high-school algebra; junior standing. Students who have received credit for Mth 301, 302, 303 may not receive credit for Mth 425. Hopkins. MTuThF, Room 301.
- (U) Mth 405. **Reading and Conference.** Hours to be arranged. Flanagan.

Music

Professor: STEHN. Visiting Faculty: ERNST, SNYDER.

- (C) Mus 282. **Music II. Music Reading and Ear Training.** 3 hours.
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. Snyder. MWThF, 9:00, Room 108.
- (C) Mus 283. **Music III. Music Education.** 3 hours.
The close relationship between music education and other areas in education; planning a musical environment; directing of the experiences of children in music; studying principles and procedures in teaching music skills. Snyder. MTuThF, 10:00, Room 108.
- (C) Mus 407. **Seminar: Creative Experiences in Music for Children.** (g) 3 hours.
Following the creative approach of bringing music to children in the classroom; studying in workshop situation creative experiences in singing, rhythms, playing simple instruments, and listening; relating music activities to the elementary curriculum. Snyder. MTuWTh, 12:00, Room 109.
- (U) Mus 431. **Advanced Conducting.** (G) 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. Ernst. TuWThF, 8:00, Room 108.
- (U) Mus 490. **Applied Music.** (To be arranged. See Mr. Stehn).
Individual instruction in the organ, piano, and individual orchestral and band instruments. For music majors and music instructors. Stehn. MTuWTh, 12:00, Room 108.
- (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. MTuWTh, 11:00, Room 108.

Philosophy

Associate Professor: DAHLSTROM.

- (U) Phil 202. **Problems of Philosophy.** 3 hours.
An introduction to the study of some of the persistent problems of philosophy. MTuThF, 10:00, Room 209.

Political Science

Assistant Professor: KROLL. Visiting Faculty: CAPPER-JOHNSON.

- (U) PS 201. **American Government. (First Term).** 3 hours.
A study of American National Government. Kroll. MTuWTh, 12:00, Room 110.
- (U) PS 407, 507. **Seminar: Problems in Administration.** 3 hours.
The seminar will deal primarily with the administrator in government; his behavior and his management problems in the changing administrative scene. Kroll. TuWThF, 8:00, Room 110.

- (U) PS 407, 507. **Seminar: Problems of Democracy, Communism, Fascism.** 3 hours.

A study of the conflict between democracy, communism or fascism; an exploration into the values and meaning of our democratic faith and into problems which must be overcome, including the challenge presented by authoritarian ideas, if the victory of democracy is to be assured. Capper-Johnson. MTuWF, 11:00, Room 102.

- (U) PS 419. **International Organization (First Term).** (G) 3 hours.

A survey and analysis of the development of public international organization, with chief emphasis on the United Nations and its affiliated organizations; consideration of the leading problems of the United Nations; international administration. Capper-Johnson. MWThF, 2:00, Room 103.

Psychology

Associate Professors: BERNARD, SCHULZ, WILCOX. Visiting Faculty: BOYD, GARRISON, ROSEN.

- (U) (C) 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. Wilcox. TuWThF, 1:00, Room 310.

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

Wilcox. MTuWTh, 12:00, Room 310.

- (U) Psy 204. **Psychology of Adjustment.** 3 hours.

The nature and origins of differences in personality; means of making desired changes. Prerequisite: Psy 201, 202. Wilcox. MTuThF, 10:00, 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 204, Psy 205. Wilcox. MWThF, 2:00, Room 310.

- (C) Psy 261. **Child Growth and 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. Required of Elementary Education majors. Schulz. MWThF, 9:00, Room 301.

- (U) Psy 407, 507. **Seminar: Theory of Personality.** 3 hours.

Tracing the emotional growth of the human organism from infancy to adulthood with theoretical emphasis. The normal personality and its less severe deviations. Study of the interplay of constitutional, cultural, inter-personal, and personal factors affecting personality and its growth. Rosen. MWThF, 9:00, Room 213.

- (U) Psy 407, 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. Rosen. MTuWTh, 12:00, Room 209.

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

Principles and application of mental hygiene to problems of the individual in home, school, and occupational situations. Prerequisite: Psy 203, or Psy 207, 208 or consent of instructor. Bernard. MTuThF, 10:00, Room 109.

- (U) Psy 431. **Clinical Psychology.** (G) 2 hours.

Survey of intelligence, achievement, special-aptitude, interest, and personality

tests; theoretical and statistical background for interpretation of test scores. This course is a prerequisite for Psy 432. Boyd. TuWThF, 8:00, Room 212.

(U) Psy 432. **Clinical Psychology.** (G) 2 hours.

Practice in administering, scoring, and interpreting individual and group examinations in the fields of intelligence, special aptitudes, interest, and personality. Consideration of essential statistical procedures. Special training in diagnosis of actual cases. Prerequisite: Psy 431. Boyd. MWThF, 9:00, Room 212.

(U) Psy 433, 434. **Mental-Testing Laboratory.** (G) 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 two-hour laboratory periods. Prerequisite: Psy 432. (A student may register for either but not both Psy 433 and Psy 434). Boyd. Hours to be arranged.

(U) Psy 450. **Abnormal Psychology.** (g) 3 hours.

Various forms of unusual behavior, including anxiety states, hysteria, hypnotic phenomena, and psychoses. Normal motives and adjustment mechanisms as they are exaggerated in the so-called neurotic person. Rosen. MTuThF, 10:00, Room 212.

(U) Psy 460. **Psychology of Infancy and Childhood.** (g) 3 hours.

Growth of behavior during the prenatal period, infancy, and childhood. Development of muscular activities, perception, emotional adjustment, intelligence, language, and social behavior in childhood. Not open to students who have completed Ed 460. Garrison. MWThF, 9:00, Room 210.

(U) Psy 461. **Psychology of Adolescence.** (g) 3 hours.

Study of the behavior changes during pre-adolescence and adolescence as related to physiological development and social and cultural factors. Emphasis on personal and social adjustment. Intended to follow Psy 460. Not open to students who have completed Ed 461. Garrison. MTuWF, 11:00, Room 210.

(C) Psy 520. **Psychology of Learning.** 3 hours.

Introduction to the major theories of learning current among psychologists doing research in the field. Experimentation and research underlying these theories will be studied and applied to modern educational practices. Includes learning theory and practices at all age levels through adulthood. Garrison. TuWThF, 1:00, Room 103.

Science

Associate Professors: HOPSON, JOHNSON, LANGE, MACNAB.
Assistant Professors: PAYNE, WALTON, WINCHELL.

Chemistry

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

Required for nursing-education and medical-technician students. Johnson. Lecture: Daily, 10:00 to 12:00 and 3:30 to 4:00, Room 302. 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: MTuWTh, 8:00 to 10:00, Room 304. Laboratory: MTuWTh, 10:00 to 2:00, Room 304.

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

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 heredity, nervous systems, organic evolution; importance of animal and plant forms as sources of food, shelter, clothing, and medicines, and as sources of disease. Winchell. Lecture: MTuWF, 10:00 to 12:00 and 1:00 to 2:00, Room 313. Laboratory: MTuWF, 2:00 to 4:30, Room 313.

- (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. TuWThF, 8:00 to 11:00, Room 312.

- (C) GS 313. **Natural History of Oregon. (Third Term).** 3 hours.

Conservation of natural resources. Prerequisite: upper-division standing and a year sequence in general biology, or consent of instructor. Students who have had GS 313 may register for GS 311 or 312 by special arrangements with the instructor. Hopson. TuWThF, 1:00, Room 314.

Geology

- (S) G 352. **Geology of Oregon.** 3 hours.

Affords opportunity to obtain a general knowledge of the geology of the state without having to meet the technical requirements imposed for a professional geology major. Prerequisite: Upper-division standing or consent of instructor. Hopson. MTuThF, 10:00, Room 314.

Physics

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

Mechanics, sound, heat, light, electricity and magnetism. Prerequisite: Mth 100 or equivalent. Walton. Lecture: MTuThF, 9:00 to 12:00, Rooms 3-4. Laboratory: MTuThF, 1:00 to 4:00, Rooms 3-4.

Zoology

- (S) *Z 201, 202, 203. **General Zoology.** 3 hours each.

For premedical, predental, prenursing, pharmacy, physical education, psychology, fish and game management students, and others, Macnab. Lecture: MTuWTh, 8:00 to 10:00, Room 314. Laboratory: MTuWTh, 10:00 to 12:00 and 1:00 to 2:00, Room 308.

Science Education

- (C) Ed 408. **Methods and Research Materials: Elementary-School Science.**
(G) 3 hours.

See description under EDUCATION. Hopson.

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

See description under EDUCATION. Hopson.

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

Sociology

Assistant Professor: DRUM. Instructors: FRANTZ. Visiting Faculty: GOOD, ROUCEK.

(U) Soc 204. **General Sociology. (First Term).** 3 hours.

The basic findings of sociology concerning the individual, culture, group life, social institutions, and factors of social change. Prerequisite: sophomore standing or consent of instructor. Roucek. TuWThF, 8:00, Room 104.

(U) Soc 327. **Introduction to Social Research. (First Term).** 3 hours.

First term: the development of social research; the nature of scientific inquiry and the basic methods and techniques; examination of representative sociological studies from the standpoint of methodology. Prerequisite: Soc 204, 205, 206 or consent of instructor. Frantz. MTuThF, 10:00, Room 101.

(E) Soc 346. **Social Case Methods Applied to Nursing.** 3 hours.

History and current concepts of case-work theory; social problems related to illness; principles of interviewing; relationship between nurses and social workers. Good. TuTh, 8:00 to 10:00, University of Oregon Medical School.

(U) Soc 407, 507. **Seminar: Social Welfare Resources and Organization.** (Use of Social Agencies by teachers, nurses, and other professionals). 3 hours.

The various types of social welfare resources which teachers, nurses and other professionals can use to help people with social and emotional problems; methods of organizing these resources for the meeting of human needs. (Can be substituted for Soc 347 and Ed 429.) Drum. MWThF, 9:00, Room 209.

(U) Soc 417. **Juvenile Delinquency. (C)** 3 hours.

Nature and extent of delinquent behavior; contributing factors; current preventive and treatment programs. Prerequisite: general sociology or general psychology. Drum. TuWThF, 8:00, Room 2.

See the following listed under FAMILY LIFE AND HOME ADMINISTRATION:

(S) FL 508. **Workshop: Marriage and Family Life.**

Speech

Associate Professor: GAUPP. Instructors: BLAKELEY, WOOD.
Visiting Faculty: DAHLBERG, LILLYWHITE, ROBINSON.

(U) Sp 111. **Fundamentals of Speech. (First Term).** 3 hours.

Projects in extempore speaking. Primary emphasis on content and organization, with attention also to the student's adjustment to the speaking situation, effective delivery, audience motivation, and language of the speech. Dahlberg. MTuThF, 10:00, Room 318.

(U) Sp 323. **Argumentation, Discussion, and Persuasion. (Third Term).** 3 hours.

Audience motivation and nature of audience response. Dahlberg. TuWThF, 1:00, Room 318.

(U) Sp 114. **Voice and Diction.** 3 hours.

Study and practice of the principles of tone production. Phonetic analysis of English sounds as a basis for correct and effortless diction. Intended for students who have slight deviations in voice and diction. Wood. TuWThF, 1:00, Shattuck School.

(U) Sp 367. **Production of School and Community Plays.** 3 hours.

Designed primarily to familiarize teachers with the elementary problems of play production. Gaupp. MWThF, 9:00, Room 106.

(U) Sp 370. **Phonetics.** 3 hours.

Study of sounds used in speech. Determination of sounds; their symbolic nature; their production; physical and psychological problems involved in their perception; sectional differences. Prerequisite for Sp 481. Lillywhite. TuWThF, 1:00, Shattuck School.

(U) Sp 424. **Speech Forms and Techniques in Group Control.** (G) 3 hours.

Forms and methods in public speech as they relate to audience psychology and special situations. Study of forum, panel, committee, lecture, and parliamentary principles in terms of factors of attention, information, and persuasion. Special consideration of the needs of school administrators in public relations. Dahlberg. MTuWF, 11:00, Room 318.

(U) Sp 481, 482. **Speech Defects and Disorders.** (G) 3 hours each.

First term: 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. Second term: emphasis on cleft-palate and spastic speech, aphasia, stuttering, and neurological speech disorders. 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. Blakeley. TuWThF, 8:00, 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. Any two hours between 9:00 and 12:00 for actual clinical practice, four days a week. Registration by individual arrangement with instructor. Lillywhite, Blakeley, Wood. Hours to be arranged.

(U) Sp 507. **Seminar: Stuttering Therapy.** 3-6 hours.

June 21 to July 16. Methods of therapy with individual stutterers. Consideration of research findings in the field of stuttering. A program for helping the stutterer at home and at school. An opportunity to develop therapy programs. Registration for more than three hours requires consent of instructor. Enrollment limited to twenty-five. Robinson. Daily, 1:00 to 4:00, Room 201.

(U) Sp 507. **Seminar: Theory and Practices of Dramatic Production.** 3 hours.

Techniques of educational theatre, play choice, technical guidance and dramatic production. Gaupp. MTuWF, 11:00, Room 106.

Summer Workshops

Visiting Director: F. GLENN MACOMBER. Visiting Assistant Director: TILLMAN J. PETERSON.

Visiting Faculty: CHAMBERS, DEHAHN, ERNST, HALVORSEN, HOEL, JENNE, LOGAN, MCGILL, O'REILLY, RAYMOND, ROTRUCK, SCHAPER, SMITH, STOTLER, TAYLOR, TRENHOLME, WILLIAMS, ZOLLINGER.

An education workshop, with sections devoted to problems of primary education, intermediate education, secondary education, guidance, gifted children, citizenship, and clinical practices for teaching arithmetic, will be held at Washington High School, 531 S. E. 14th Street, Portland 14, Ore.

gon, June 21 to July 16, 1954 in cooperation with Portland Public Schools. Fee will be \$42.00 for six hours credit. Registration is limited to 300. Prospective students may reserve places by writing to Mr. Norman K. Hamilton, Assistant Superintendent of Schools, 631 N. E. Clackamas Street, Portland 8, Oregon. These reservations will be held until 12:00 noon on June 21, and no registrations will be accepted after June 21. Pre-registration will begin Thursday, June 17. Dr. F. Glenn Macomber, Miami University, Oxford, Ohio, will be director of the entire program.

Laboratories and centers will be provided for language arts, mathematics, science, music, guidance and counseling, social studies, health and physical education, arts and crafts, with others to be arranged upon request.

A special section will be arranged for high school teachers for the study of community resources and their utilization within the classroom program. Community speakers and field trips will be arranged.

A demonstration school at the elementary level to provide opportunities for observation will be held at Buckman school in conjunction with the workshop.

Students will register for a total of six hours. Course numbers may be selected from the following with maximum number of hours as indicated:

THREE HOURS CREDIT

Ed 408. Methods and Research Materials (in special areas at the elementary level). (G).

Ed 501. Educational Research.

Ed 589. Organization and Administration of Guidance Services.

ONE TO FOUR HOURS CREDIT

Ed 453. Secondary Education Workshop. (G).

Ed 455. Primary Education Workshop. (G).

Ed 459. Intermediate and Upper-Grade Education Workshop. (G).

ONE TO SIX HOURS CREDIT

Ed 508. Curriculum Workshop.

Ed 508. Guidance Workshop.

A special workshop in the Bishop Sewing Method for Home Economics teachers will be held at Washington High School, June 14 to June 25, under the direction of Mrs. Kathryn Rotruck. This workshop will be available for three hours credit.

Other Workshops

See Ed 508. Workshop in Education of the Mentally Retarded, page 27.

Ed 508. Workshop in Economic Education, page 27.

FL 508. Workshop: Marriage and Family Life, page 31.

Schedule of Classes

8:00 a.m.

<i>Number</i>	<i>Course Title</i>	<i>Instructor</i>	<i>Room</i>
Anth 207.	Introduction to Cultural Anthropology. (First Term) TuWThF	Frantz	109
A 217.	Lettering. TuTh	Foster	313
Ch 226, 227.	Organic Chemistry. MTuWTh	Lange	304
Ed 312.	Educational Psychology. TuWThF	Bernard	210
Ed 409.	Psycho-Educational Clinic. (G) MTuWF	Phelps, Bental	Shattuck
Ed 418.	Elementary Tests and Measurements. (G) TuWThF	Schulz	301
Ed 424.	Measurements in Education. (G) TuWThF	Schulz	301
Ed 435.	Audio-Visual Aids. (G) (Section I) TuWThF	Brewer	105
Ed 459.	Advanced Intermed. and Upper Grade Education (G) TuWF	Reed	103
Ed 462.	Psychology of Exceptional Children. (G) TuWThF	Martin	102
Ed 464.	The Mentally Handicapped Child. (G) TuWThF	Bode	112
Ed 507.	Education Seminar: Special Education for Teachers and Administrators. TuWThF	Taylor	209
Ed 574.	School Supervision. TuWThF	Bortolazzo	111
GL 1, 2.	First-Year German. Daily	Eaton	318
Geog 105.	Introductory Geography. (First Term) TuWThF	Dart	310
Mus 431.	Advanced Conducting. (G) TuWThF	Ernst	108
PS 407, 507.	Seminar: Problems in Administration. TuWThF	Kroll	110
Psy 431.	Clinical Psychology. (G) TuWThF	Boyd	212
RL 1, 2.	First-Year French. Daily	Dougherty	101
Sc 201, 202, 203.	Foundations of Physical Science. TuWThF	Payne	312
Soc 204.	General Sociology. (First Term) TuWThF	Roucek	104
Soc 417.	Juvenile Delinquency. (G) TuWThF	Drum	2
Sp 483.	Clinical Methods in Speech Correction. (G) TuWThF	Blakeley & Lillywhite	Shattuck
		Macnab	314
Z 201, 202, 203.	General Zoology. MTuWTh		

9:00 a.m.

<i>Number</i>	<i>Course Title</i>	<i>Instructor</i>	<i>Room</i>
A 211.	Art Structure I. MWThF	Garrison	316
BA 111, 112, 113.	Constructive Accounting. MTuWTh	Hinds	305
Ch 226, 227.	Organic Chemistry. MTuWTh	Lange	304
Ec 407, 507.	Seminar: International Economic Relations. MWThF	Wattles	112
Ed 407s.	Workshop in Children's Literature. MWThF	Petersen	203
Ed 460.	Psychology of Infancy and Childhood. (G) MWThF	Garrison	210
Ed 465.	Diagnostic and Remedial Techniques. (G) MWThF	Phelps	Shattuck
Ed 468.	Diagnostic and Remedial Instruction in Reading. (G) MWThF	Phelps	Shattuck
Ed 508.	Workshop in Children's Literature. MWThF	Petersen	203
Ed 522.	Secondary School Curriculum. MWThF	Kirk	109
Ed 546.	Philosophy of Education. MWThF		110
Ed 553.	Elementary School Curriculum. MWThF	Wolfe	206
Ed 576.	School Buildings. MWThF	Hummel	103
Eng 483.	Major American Writers: The Romantic Idealists. (G) (Third Term) MWThF	Oliver	102
GL 1, 2.	First-Year German. Daily	Eaton	318
Geog 107.	Introductory Geography. (Third Term) MWThF	Dart	310
Geog 432.	Geography of Africa. (G) MWThF	Ericksen	205
Hst 378.	American History and Government. (First Term) MWThF	Hoffman	104
Hst 462.	History of American Thought and Culture. (g) (Third Term) MWThF	Howard	211
Hst 478.	History of the Pacific Northwest. (G) (Section I) MWThF	Spurlock	111
J 211.	Introduction to Journalism. MWThF	Larson	306
Mus 282.	Music II. Music Reading & Ear Training. MWThF	Snyder	108
Ph 201, 202, 203.	General Physics. MTuThF	Walton	3-4
Psy 261.	Child Growth and Development. MWThF	Schulz	301
Psy 407, 507.	Seminar: Theory of Personality. MWThF	Rosen	213
Psy 432.	Clinical Psychology. (G) MWThF	Boyd	212
Psy 460.	Psychology of Infancy & Childhood. (g) MWThF	Garrison	210
RL 1,2.	First-Year French. Daily	Dougherty	101
Sc 201, 202, 203.	Foundations of Physical Science. TuWThF	Payne	312
Soc 407, 507.	Seminar: Social Welfare Resources and Organization. (Use of Social Agencies by Teachers, Nurses, and other Professionals) MWThF	Drum	209
Sp 367.	Production of School and Community Plays. MWThF	Gaupp	106
Wr 411.	English Composition for Teachers. (g) MWThF	Boggs	204
Z 201, 202, 203.	General Zoology. MTuWTh	Macnab	314

10:00 a.m.

Number	Course Title	Instructor	Room
BA 111, 112, 113.	Constructive Accounting. MTuWTh	Hinds	305
BA 453.	Business Policy (G) MTuThF	Ziebarth	104
Ch 104, 105, 106.	General Chemistry. Daily	Johnson	302
Ec 201.	Principles of Economics. (First Term). MTuThF	Wattles	213
Ed 358.	Primary Education. (Section 1) Daily	McBee	210
Ed 408.	Methods and Research Materials: Language Arts. MTuThF	Reed	103
Ed 463.	The Maladjusted Child. (G) MTuThF	Rosen	212
Ed 467.	Applied Mental Hygiene. MTuThF	Bernard	109
Ed 478.	Improvement of Instruction in Reading. (G) MTuThF	Wolfe	101
Ed 487.	Counseling Techniques. (G) MTuThF	Matlock	2
Ed 507.	Education Seminar: Radio and Television in Ed. MTuThF	Brewer	105
Ed 526.	High School Counseling. MTuThF	Matlock	2
Ed 536.	Language Arts in the Elementary School. MTuThF	Reed	103
Ed 537.	Reading in the Elementary School. MTuThF	Wolfe	101
Ed 543.	History of American Education. MTuThF	Roucek	111
Ed 572.	Public School Administration. MTuThF	Kirk	203
Eng 120.	Essentials of Speech I. MTuThF	Dahlberg	318
Eng 201.	Shakespeare. (First Term) MTuThF	Bierman	206
Eng 399.	Contemporary Drama. (Second Term) MTuThF	Johnson	112
G 352.	Geology of Oregon. MTuThF	Hopson	314
Geog 320.	Political Geography. MTuThF	Erickson	205
Hst 379.	American History and Government. (Second Term). MTuThF	Howard	211
Mth 425.	Elements of Statistical Methods. (g) (First Term) MTuThF	Hopkins	301
Mus 283.	Music III. Music Education. MTuThF	Snyder	108
PE 412.	Physical-Education Workshop. (g) MTuThF	Puckett	Gym
Ph 201, 202, 203.	General Physics. MTuThF	Walton	3-4
Phl 202.	Problems of Philosophy. MTuThF	Dahlstrom	209
Psy 204.	Psychology of Adjustment. MTuThF	Wilcox	110
Psy 411.	Mental Hygiene. (g) MTuThF	Bernard	109
Psy 450.	Abnormal Psychology. (g) MTuThF	Rosen	212
Sc 101, 102, 103.	Biological Science Survey. MTuWF	Winchell	313
Sc 201, 202, 203.	Foundations of Physical Science. TuWThF	Payne	312
Sec 327.	Introduction to Social Research. (First Term) MTuThF	Frantz	101
SS 111.	Stenography. MTuThF	Backlund	307
SSc 411.	Contemporary Problems. (First Term) MTuThF	Kroll	204
Sp 111.	Fundamentals of Speech. (First Term) MTuThF	Dahlberg	318

11:00 a.m.

A 218.	Creative Crafts for Children. MWF	Garrieon	316
BA 111, 112, 113.	Constructive Accounting. MTuWTh	Hinds	305
BA 428.	Manufacturing. (G) MTuWF	Ziebarth	109
Ch 104, 105, 106.	General Chemistry. Daily	Johnson	302
Ed 316.	Oregon School Law and System of Education. MWF	Jenkins	112
Ed 407, 507.	Education Seminar: Reading & Telling Children's Stories. MTuWF	Petersen	212
Ed 409.	Psycho-Educational Clinic. (G) MTuWF	Phelps,	
		Bentall	Shattuck
Ed 485.	Audio-Visual Aids. (G) (Section 2) MTuWF	Brewer	105
Ed 461.	Psychology of Adolescence. (G) MTuWF	Garrison	210
Ed 507.	Education Seminar: School & Society in Modern Times. MTuWF	Roucek	209
Ed 523.	School Activities. WTuWF	Oliver	2
Ed 565.	Curriculum Foundations. MTuWF	Spalding	205
Ed 575.	School Finance. MTuWF	Hummel	103
Eng 102.	Survey of English Literature. (Second Term) MTuWF	Scharbach	203
Eng 107.	World Literature. (First Term) MTuWF	Oliver	104
Eng 108.	World Literature. (Second Term) MTuWF	Boggs	204
Eng 436.	Advanced Shakespeare. (G) MTuWF	Dahlstrom	211
FL 508.	Workshop: Marriage and Family Life. MTuWF	Drum	110
Geog 326.	Geography of Europe. MTuWF	Dart	310
Geog 426.	Geography of Europe. (G) MTuWF	Dart	310
HE 412.	Health-Education Workshop. (g) MTuWF	Puckett	301
Hst 469.	Recent England. (g) MTuWF	MacKirdy	206
Hst 477.	History of the West. (G) (Second Term) MTuWF	Cutter	111
Mth 100.	Intermediate Algebra. Daily	Eaton	314
Mus 507.	Seminar: Band Technique. MTuWF	Stehn	108
PE 371.	Kinesiology. MTuWF	Holland	307
PE 472.	Kinesiology. (g) MTuWF	Holland	307
Ph 201, 202, 203.	General Physics. MTuThF	Walton	3-4
PS 407, 507.	Seminar: Problems of Democracy, Communism, Fascism. MTuWF	Capper-	
		Johnson	102
Psy 461.	Psychology of Adolescence. (g) MTuWF	Garrison	210
RL 11, 12.	First-Year Spanish. Daily	Dougherty	101
Sc 101, 102, 103.	Biological Science Survey. MTuWF	Winchell	313
Sp 424.	Speech Forms and Techniques in Group Control. (G) MTuWF	Dahlberg	318
Sp 507.	Seminar: Theory and Practices of Dramatic Production. MTuWF	Gaupp	106

12:00 m.

Number	Course Title	Instructor	Room
A 311.	Art Structure III. MTuWTh	Jensen	316
Anth 317.	The American Indian. (First Term) MTuWTh	Frantz	105
Ec 411.	Money and Banking. (C) (First Term) MTuWTh	Wattles	213
Ed 311.	Secondary Education in American Life. MTuWTh	Kirk	203
Ed 354.	Introduction to Education. MTuWTh	Kirk	203
Ed 358.	Primary Education. (Section 2) Daily	McBee	212
Ed 408.	Methods & Research Materials: Elementary School Science. (C) MTuWTh	Hopson	314
Ed 512.	Research Procedures in Education. MTuWTh	Bernard	102
Ed 525.	Pupil Personnel Programs. MTuWTh	Matlock	2
Ed 534.	Science in the Elementary School. MTuWTh	Hopson	314
Ed 535.	Social Studies in the Elementary School. MTuWTh	Howard	211
Ed 577.	Counselor Training: Group Procedures. MTuWTh	Matlock	2
Eng 101.	Survey of English Literature. (First Term) MTuWTh	Bierman	206
Eng 104.	Appreciation of Literature. (First Term) MTuWTh	Johnson	112
Eng 320.	English Novel. (First Term) MTuWTh	Boggs	204
Eng 388.	Children's Literature. MTuWTh	Peterson	210
Eng 475.	Literary Foundations of American Life. (g) (First Term) MTuWTh	Oliver	104
Geog 435.	Urban Geography. (C) MTuWTh	Erickson	302
Hst 101.	History of Western Civilization. (First Term) MTuWTh	MacKirdy	205
Hst 405, 505.	Reading and Conference (Europe in the Nineteenth Century). MTuWTh	Capper-Johnson	103
Hst 456.	History of Mexico. (C) MTuWTh	Cutter	111
Mus 407.	Seminar: Creative Experiences in Music for Children. (C) MTuWTh	Snyder	109
PE 407, 507.	Seminar: Organization and Administration of High School Physical Education and Athletic Programs. MTuWTh	Holland	305
PS 201.	American Government. (First Term) MTuWTh	Kroll	110
Psy 202.	General Psychology. (Second Term) MTuWTh	Wilcox	310
Psy 407, 507.	Seminar: Individual Differences. MTuWTh	Rosen	209
RL 11, 12.	First-Year Spanish. Daily	Dougherty	101
SS 121.	Typing. Daily	Backlund	306
Wr 111.	English Composition. (First Term) MTuWTh	Scharbach	301

1:00 p.m.

BA 222.	Elements of Finance. TuWThF	Ziebarth	104
Ed 313.	Principles of Teaching. TuWThF	Bortolazzo	101
Ed 344, 345, 346.	Physical Education in the Elementary Grades. TuWThF	Puckett	Cym
Ed 380.	Elementary-School Library. MWF	LaRiviere	210
Ed 407, 507.	Education Seminar: Creative Dramatic Techniques. TuWThF	Caupp & Graham	106
Ed 408.	Methods and Research Materials: Art. TuWThF	Garrison	316
Ed 408.	Methods and Research Materials: Reading. TuWThF	Wolfe	204
Ed 485.	Principles and Practices in Guidance Services. (C) TuWThF	Matlock	2
Ed 493.	Observation and Evaluation of Teaching (Elementary) (C) TuWThF	Reed, Leavitt	Shattuck
Ed 508.	Workshop in the Education of the Mentally Retarded. Daily	Bode, Richardson	Shattuck
Ed 529.	Advanced Educational Psychology. TuWThF	Garrison	103
Ed 554.	Elementary School Supervision and Administration. TuWThF	Leavitt	203
Ed 573.	Public School Organization. TuWThF	Spalding	205
Eng 407.	Seminar in Special Authors. (C) TuWThF	Bierman	209
GS 313.	Natural History of Oregon. (Third Term) TuWThF	Hopson	314
Mth 211.	Foundations of Mathematics. TuWThF	Flanagan	301
Psy 201.	General Psychology. (First Term) TuWThF	Wilcox	310
Psy 520.	Psychology of Learning. TuWThF	Garrison	103
Sc 101, 102, 103.	Biological Science Survey. MTuWThF	Winchell	313
Sp 323.	Argumentation, Discussion and Persuasion. TuWThF	Dahlberg	318
Sp 114.	Voice and Diction. TuWThF	Wood	Shattuck
Sp 370.	Phonetics. TuWThF	Lillywhite, Blakeley	Shattuck
SS 122 or 123.	Typing. Daily	Backlund	306

2:00 p.m.

Ed 351.	Health Education. MWF	Holland	205
Ed 359.	Intermediate and Upper-Grade Education. Daily	McBee	210
Ed 507.	Education Seminar: Human Relations. MWThF	Spalding	209
HE 450.	Elementary-School Health Education. (g) MWThF	Holland	205
Hst 407, 507.	Seminar: Attitudes of Nationals of Other Countries Toward Critical Periods in United States History. MWThF	MacKirdy	206

<i>Number</i>	<i>Course Title</i>	<i>Instructor</i>	<i>Room</i>
Hst 478.	History of the Pacific Northwest. (C) (Section 2) MWThF	Cutter	111
Mus 590.	Applied Music. MWThF	Stehn	108
PS 419.	International Organization. (C) (First Term) MWThF	Capper-Johnson	103
Psy 208, 209, 210.	General Psychology Laboratory. MWThF	Wileox	310
Sp 481, 482.	Speech Defects and Disorders. (C) MWThF	Lillywhite	Shattuck
Wr 112.	English Composition. (Second Term) MWThF	Scharbach	301
Wr 113.	English Composition. (Third Term) MWThF	Johnson	102

3:30 p.m.

Ch 104, 105, 106.	General Chemistry. Daily	Johnson	302
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One-Week Courses

Ed 407s.	Education Seminar: Parent-Teacher Organization. Daily. 9:30 to 12:00 and 1:00 to 3:00 (August 16-20)	Moorhead	101
IE 412.	Driver Education and Training. Daily. 8:00 to 12:00 and 1:00 to 5:00 (August 23-27)	Neyhart	2

Two-Week Courses

Ed 407, 507.	Education Seminar: School Health Problems. Daily 12:30 to 4:30 (July 19-30)	Palmquist	345
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Four-Week Courses

June 21 to July 16 (First four weeks)

Sp 507.	Seminar: Stuttering Therapy. Daily 1:00 to 4:00	Robinson	201
SUMMER WORKSHOP (see page 41.)			

July 19 to August 13 (Last four weeks)

Ed 508.	Workshop in Economic Education. Daily 10:00 to 12:00 and 1:00 to 3:00.	Ballaine, Mork & staff	201
Ed 566.	Curriculum Construction. TuWThF 8:00 to 10:00	Mork	201

Six-Week Courses

June 21 to July 30

AA 255.	Lower-Division Ceramics. MTuWTh 1:00 to 4:00	Senska	Art Museum
AA 290.	Lower-Division Painting. MTuWTh 9:00 to 12:00	Farruggio	Art Museum

General Extension Division

Administration

JOHN FRANCIS CRAMER, D.Ed., Dean, General Extension Division; Director of Summer Sessions; Professor of Education.

PHILIP G. HOFFMAN, Ph.D., Vice-Dean, General Extension Division; Associate 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.

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* Appointment effective March 1954. Victor P. Morris, Ph.D., served as acting President from September 15, 1953.