

OREGON STATE SYSTEM
OF HIGHER EDUCATION
BULLETIN



UNIVERSITY OF OREGON
SUMMER QUARTER

Wartime Accelerated Program

Summer Quarter: June 10-August 25

First Session: June 10-July 18

Second Session: July 19-August 25

1944

State Board of Higher Education

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Office of the State Board of Higher Education
Eugene, Oregon

University of Oregon
Summer Quarter

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Oregon State System of Higher Education

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

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

Each of the five institutions provides the general studies fundamental to a well-rounded education. At the three colleges of education general and professional studies are combined in the teacher-training curriculum. At the Southern Oregon College of Education and the Eastern Oregon College of Education students who do not plan to become elementary-school teachers may devote their time exclusively to lower-division studies in the liberal arts and sciences, or in secretarial science.

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.

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Oregon State System of Higher Education

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ADOLPH ZIEFLE, M.S., Phar.D. Dean and Director of Pharmacy

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

† John Francis Cramer, Ed.D., will become Dean and Director of General Extension on July 1, 1944.

University of Oregon Summer Quarter, 1944

Faculty

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DAN E. CLARK, Ph.D., Director, University of Oregon Summer Quarter.
MARCELLA B. KING, B.A., Secretary, University of Oregon Summer Quarter.

HOWARD R. TAYLOR, Ph.D., Associate Dean of the Graduate Division.
CLARA LYNN FITCH, Secretary of the Graduate Division.
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VIRGIL D. EARL, M.A., Dean of Men.

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QUIRINUS BREEN, Ph.D., Assistant Professor of History and Social Science.
DAN E. CLARK, Ph.D., Professor of History; Head of Department.
E. MERL CLASEY, M.A., Supervisor for Education of Handicapped Children, Corvallis City Schools.
CALVIN CRUMBAKER, Ph.D., Professor of Economics.
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HOYT C. FRANCHÈRE, M.A., Instructor in English.
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 JOHN STEIN, M.S., Assistant Professor of Wind Instruments; Director of University Band.
 F. L. STETSON, M.A., Professor of Education.
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 HOYT TROWBRIDGE, Ph.D., Associate Professor of English.
 PIERRE VAN RYSSELBERGHE, Ph.D., Associate Professor of Chemistry.
 ANIBAL VARGAS-BARON, Ph.D., Assistant Professor of Romance Languages.
 ANDREW M. VINCENT, Professor of Drawing and Painting.
 NOWLAND B. ZANE, Associate Professor of Space Arts.

Calendar

SUMMER QUARTER AND FIRST SESSION

June 10.....Registration for summer quarter and first session.
 June 12.....Classes begin.
 June 13.....Last day for payment of registration fee without penalty (3:00 p.m.). Both graduate and undergraduate students.
 June 20.....Last day for adding a course.
 July 4.....Holiday.
 July 7.....Last day for graduate students completing work to file theses.
 July 14.....Last day for withdrawal from a course.
 July 17, 18.....Final examinations for first session.

SECOND SESSION

July 19.....Registration for second session.
 July 20.....Classes begin.
 July 21.....Last day for payment of registration fee without penalty (3:00 p.m.). Both graduate and undergraduate students.
 July 28.....Last day for adding a course.
 August 14.....Last day for graduate students completing work to file theses.
 August 21.....Last day for withdrawal from a course.
 August 24, 25.....Final examinations, summer quarter and second session.

General Information

THE fortieth annual summer session of the University of Oregon will constitute a full summer quarter of eleven weeks between June 10 and August 25, 1944. Many of the courses, mainly lower-division, will run through the entire eleven weeks, just as in a term of the regular academic year. Other courses, mainly on the upper-division and graduate levels, will be completed in each of the two sessions of five and one-half weeks each.

A Wartime Summer Quarter. Special emphasis will be placed this year on courses that will enable students to equip themselves for more effective service to the nation in time of war, either with the armed forces or in civilian capacities. More than the usual number of lower-division courses will be offered, so that students may accelerate their educational progress and be better qualified for specialized military and naval services when they are called to the colors.

In view of the fact that nearly all medical schools are now operating on a year-round plan, courses will be arranged to enable entering premedical students to do one term's work during the summer and thus shorten the time required for preparation for admission to medical school. Certain courses required for those planning to enter schools of nursing will also be offered.

Students who are nearing graduation will find in the summer quarter an excellent opportunity to complete all or part of the upper-division requirements for a degree. Students who are planning to teach may complete much of the required professional work for the high-school teacher's certificate or for renewal of an emergency certificate.

For more detailed information and advice in regard to preparation for special wartime service, write to Director of Summer Quarter, University of Oregon, Eugene, or consult adviser at time of registration.

Registration Procedure. Students will register for the entire summer quarter and the first session on Saturday, June 10; classes will begin Monday morning, June 12. Students will register for the second session on Wednesday, July 19; classes will begin Thursday morning, July 20.

For convenience of students, all the details of registration for the summer quarter and the first session will be completed in S. H. Friendly Hall. Registration will begin at 8 o'clock in the morning and continue until 4 o'clock in the afternoon.

Students not able to enroll on registration day should call at the Summer Session Office, 3 Oregon Hall.

Students registering for the second session will be given registration material at the Summer Session Office, 3 Oregon Hall, and will consult advisers in their separate offices.

Admission and Degrees. The only requirement for admission to the summer quarter is ability to do the work. However, students who wish to become candidates for a degree from the University must satisfy the regular University entrance requirements. As early as possible before the opening of the quarter, such students should file with the Registrar complete official transcripts covering all school work taken above the eighth grade. Specific requirements are listed in the general University Catalog.

Further information concerning admission and graduation requirements may be obtained from the Registrar of the University.

Maximum Load. Undergraduates may enroll for a maximum of 18 hours for the entire summer quarter, or 9 hours for each session. For graduate students the maximum is 16 hours for the entire summer quarter or 8 hours for each session.

Fees. Registration and other fees applicable in the summer quarter are as follows:

Registration fee for entire summer quarter.....	\$50.00
Registration fee for each session.....	25.00
Students registering for more than five hours of work pay this fee. There is no additional out-of-state tuition for the summer quarter.	
Late-registration fee.....	1.00 to 3.00
Undergraduate and graduate students in the summer quarter or in the first session pay a late-registration fee if they register after 3:00 p.m. on June 13; those registering for the second session after 3:00 p.m. on July 21 pay the same fee. The late-registration fee is \$1.00 for the first day and \$1.00 for each additional day until a maximum charge of \$3.00 is reached.	
Change-of-program fee.....	.25
The student pays this fee for each change in his official program after the program has been approved and accepted by the Registrar's Office.	
Part-time fee, per term hour.....	3.50
Paid by students carrying not more than five hours of work in either session.	
Auditor's fee, per course.....	6.00
Examination fee for graduate students not enrolled in summer quarter.....	10.00
Paid by students not enrolled in the summer quarter who take examinations for advanced degrees during the summer. (Students enrolled for part-time work, for which they pay a fee of less than \$10.00, pay the difference between the registration fee and \$10.00 for the privilege of taking such examinations.)	
Fee for children receiving instruction in Clinical School.....	7.50
Graduation fee.....	6.50
Gymnasium and recreation fee.....	2.00
Students who pay this fee are entitled to lockers, towels, soap, use of swimming pools, gymnasium and swimming suits, handball courts, and tennis courts.	
Music fees.....	See page 24

Laboratory and special fees in connection with particular courses are indicated in the course descriptions.

Fee Refunds. Students who withdraw from the summer quarter or from either of the two sessions and who have complied with the regulations governing withdrawals are entitled to certain refunds of fees paid, depending on the time of withdrawal. The refund schedule is available in the Business Office and in the office of the Director of the Summer Quarter.

Board and Room. Provided there is a sufficient number of applications, board and room for both men and women will be available through the entire summer quarter in University residence halls. Students living in the halls during the summer must also board at the dormitory dining room. A room-reservation deposit of \$5.00 is required; this deposit, less deductions for loss or breakage, will be returned at the end of the quarter or session. Blankets and bed linen, and the laundry of these items, are furnished by the halls; students furnish their own towels. Applications for reservation of dormitory rooms should be sent to the Director of Dormitories, University of Oregon, Eugene, before the opening of the summer quarter, and should be accompanied by the room-reservation deposit.

Dormitory Rates. The cost of board in the halls of residence for the complete summer quarter will be \$80.00; for each session of five and one-half weeks the cost will be \$40.00. The cost of a double room for eleven weeks will be \$38.50 per occupant; for five and one-half weeks, the cost will be \$19.25 per occupant. A single

room will cost \$54.00 for the entire quarter, and \$27.00 for each session of five and one-half weeks. Students not living in the halls may take their meals in the dormitory dining room for \$7.35 per week. Prices for single meals will be furnished upon application.

Room and Board in Private Houses. A number of excellent private boarding and rooming houses will be open to summer students. A few suites of rooms, flats, and furnished cottages suitable for light housekeeping may also be available. A list of such accommodations will be obtainable about June 1 and will be mailed upon request to the Housing Secretary, University of Oregon, Eugene.

The office of the Housing Secretary in Gerlinger Hall will be open several days preceding the beginning of the summer sessions to help students secure satisfactory living quarters.

The rules regarding housing which prevail during the regular academic year are applicable during the summer.

Graduate Work. Many summer courses are especially planned for graduate students; all of the work for the master's degree may be completed in summer quarters.

Admission. A bachelor's degree is required for admission as a graduate student. If degree credit is desired, the student must file transcripts of all previous work, and fill out an application for admission at the Registrar's Office.

Preparation. For a graduate major, the equivalent of an undergraduate major in the same subject is required.

Credit Requirements. For the master's degree the University requires a program of study of not less than 45 term hours (including 9 term hours for thesis), with a minimum of 30 term hours in the major subject (except for the M.A. in General Studies).

Grade Requirement. An average of B (GPA 3.00) is required on all course work for the master's degree.

Residence Requirement. Three terms of residence are required for the master's degree. A maximum of 15 term hours (one term) earned in other divisions of the Oregon State System of Higher Education is accepted toward the satisfaction of this requirement.

Transferred Credit. Not more than 15 term hours can be transferred from another institution toward the master's degree. Transferred credit is provisional until the qualifying examination is taken, and does not shorten the residence requirement except as noted above.

Time Limit. All work for the master's degree, including transferred credit and thesis and final examination, must be completed within a period of five years.

Qualifying Examination and Program. During the first term of work toward the master's degree, the student must file a program of work planned for the degree and is expected to take the qualifying examination (formerly the preliminary).

Maximum Registration. The maximum number of hours for a graduate student is eight for either session or sixteen for the full summer quarter.

Thesis Registration. A first draft of the thesis must be accepted by the adviser before the student can register for the last three hours of the thesis.

Further information will be furnished at the Graduate Office, 202 Johnson Hall.

Forums and Lectures. Evening forums and lectures by visiting lecturers and prominent members of the University faculty will be scheduled as opportunity permits.

Murray Warner Collection of Oriental Art. The Museum of Art, housing the Murray Warner Collection of Oriental Art, will be open to students during part of the summer quarter. Later announcements will indicate the days on which the museum may be visited. The Museum of Art Library, a collection of 3,500 volumes on Oriental art and culture, will be open in the afternoon from 2 until 5 o'clock, Monday through Friday.

The Summer Sun, a four-page weekly newspaper devoted exclusively to summer-quarter news, is published by the journalism classes and is distributed free to the faculty and students during the first session.

Recreation. It is hoped that everyone who enjoys the outdoors will come prepared to take part in the recreational program sponsored by the University. There will be hikes and picnics on week ends, golf, tennis, pingpong, outdoor volleyball, playground baseball, indoor evening games, swimming, and social dancing. It is suggested that students bring tennis rackets and golf clubs. There are excellent opportunities for these sports on the University campus and nearby courses.

By paying a gymnasium and recreation fee of \$2.00, summer-quarter students during the first session may have the use of the gymnasium, swimming pools, and tennis courts*, together with gymnasium and swimming suits, lockers, towels, and soap.

Employment Service. The University maintains an employment service for students desiring part-time work while in attendance at the University. This service is available to summer-quarter students. Those interested in learning of opportunities for part-time work should write to Employment Secretary, University of Oregon, Eugene.

Teacher Placement. The School of Education maintains a Placement Service primarily to help graduates of the University to secure suitable teaching positions. This service is extended also to older teachers who have been connected with the University, including students in the summer quarter.

Correspondence Study. Students, especially teachers, may frequently find a schedule of correspondence courses through which to continue their program of study after the close of the summer quarter. Correspondence courses available through the General Extension Division are listed on the inside of the back cover of this catalog.

Extension Classes. The General Extension Division will also be glad to furnish information in regard to extension classes in Portland and in other Oregon cities.

Course Numbering System. The courses in this Catalog are numbered in accordance with 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. Graduate courses are numbered 500-599. A large (G) following the name of a 400 course indicates that the course may be taken for either *major* or *minor* graduate credit. A small (g) following the name of a 400 course indicates that the course is approved for graduate *minor* credit only.

* Since the tennis courts have been built on a partial-payment plan, it is necessary that the courts bring in a certain amount of income. Students who do not hold a receipt for the \$2.00 gymnasium and recreation fee will be charged 10 cents per hour per player for the use of the courts.

Description of Courses

(For an explanation of the course numbering system see above.)

ALL classes meet daily (Monday through Friday) unless an explicit statement to the contrary is made in the course description. The hours noted following the title of each course represent the term hours of University credit which may be earned. Credit and grades for courses running throughout the entire summer quarter will be given only upon completion of the entire quarter. The Registration Manual, containing instructions for registration and the schedule of all classes, will be handed to each student at the time of registration. A few changes may be necessary in the times and places of classes as indicated in the course descriptions contained in this Catalog.

Students should consult the Registration Manual, as well as this Catalog, when they make out their class schedule. Classes may be cancelled because of insufficient enrollment or for other unavoidable cause.

Special attention is called to a faculty regulation which provides that no undergraduate student may enroll for Reading and Conference (305 or 405) who is not eligible for honors privileges. A Junior Certificate and a cumulative grade-point average of 2.75 are required for honors privileges. The Director of the Summer Quarter will furnish further information.

ART

PROFESSOR: VINCENT. ASSOCIATE PROFESSORS: AVAKIAN, ZANE. INSTRUCTOR: SUTHERLAND

FIRST SESSION

For several years the summer sessions of the University of Oregon have included courses planned especially for the teachers of art, as a part of the program sponsored by the Education Committee of the American Institute of Architects, and financed through a grant from the Carnegie Corporation. This is the thirteenth year that the University of Oregon has been selected as one of the centers for this summer work in art, the other institutions being Harvard University, the University of Pennsylvania, and the University of Cincinnati. The purpose of the grant is to stimulate the appreciation of art, and to improve the quality of art teaching. Fellowships have been awarded, under the grant, to carefully selected teachers and supervisors of art.

The courses offered this year have been chosen to meet the needs of the teachers of art, as well as the needs of students interested in painting, sculpture, design, and applied design.

Professor Andrew Vincent is director of the Art Center. For information concerning Carnegie A. I. A. scholarships, apply to Dean Ellis F. Lawrence of the School of Architecture and Allied Arts.

Entrance examinations are not required for registration in summer art courses. Courses are open to both men and women. Students pay the regular summer session fee of \$25.00. Certain courses carry an additional laboratory fee of \$5.00 to cover cost of materials and equipment.

AA 252s. Applied Design. 3 hours.

Study of ceramic design and processes. A study of clays; the use of the potter's wheel; the packing and firing of biscuit and glazed ware. Laboratory fee, \$5.00. Daily, 1:00-4:00. 115 Architecture. Avakian.

AA 253s. Applied Design. 3 hours.

Weaving. The warping and heddling of the loom, and the process of weaving. Laboratory fee, \$5.00. Daily, 9:00-12:00. 101 Art. Avakian.

- AA 290. **Lower-Division Painting.** 3 hours.
Creative color composition using the media most commonly employed—oil and water color. Work carried on from the figure, still life, and landscape. Emphasis on creative design, with consideration of the technical problems of the painter. Laboratory fee, \$5.00. Daily, 1:00-4:00. 112 Architecture. Vincent.
- AA 292. **Lower-Division Composition.** 3 hours.
Study of the relation of elements within the picture space in line, color, and value. Intended to encourage and guide the creative faculty of the student. Daily, 9:00-12:00. 112 Architecture. Vincent.
- AA 293. **Lower-Division Sculpture.** 3 hours.
Fundamental principles studied in clay and stone. Construction taught by the combinations of the simplest forms. Laboratory fee, \$5.00. Daily, 9:00-12:00. Sculpture Studio. Sutherland.
- AA 294. **Lower-Division Sculpture Composition.** 3 hours.
Extensive research in ancient sculpture composition. Original compositions in clay. Daily, 1:00-4:00. Sculpture Studio. Sutherland.
- AA 295s. **Lettering.** 3 hours.
A study of lettering forms and lettering types to give a knowledge of practical alphabets suitable for modern uses of various sorts, including poster letters and formal old English letters suited to more dignified and ceremonial purposes. Laboratory daily, 9:00-12:00. 102 Art. Zane.
- AA 401s. **Special Studies.** Hours to be arranged.
Laboratory fee, \$5.00. Avakian, Vincent, Zane.
- AA 417s. **Backgrounds of Art Appreciation.** 3 hours.
A study of the nature of the arts and their functions in everyday life, followed by a study of the pattern aspects of the arts, in terms of color, proportion, scale, texture, rhythm, balance. Special attention to the problems of teachers in the classroom. Daily, 8:00. 107 Architecture. Zane.
- AA 501s. **Special Studies.** Hours to be arranged.
Laboratory fee, \$5.00. Avakian, Vincent, Zane.
- AA 503. **Thesis.** Hours to be arranged.
Avakian, Vincent, Zane.
- AA 505. **Reading and Conference.** Hours to be arranged.
Avakian, Vincent, Zane.

BIOLOGY

PROFESSOR: HUESTIS

SUMMER QUARTER

- Bi 201. **General Biology.** 4 hours.
A study of fundamental biological principles, common to plant and animal life. First term of course normally taken by premedical and nursing-education students as well as those planning a major in biology. Laboratory fee, \$2.00. Two lectures, TuTh, 8:00. 105 Deady. Two laboratory periods, TuTh, 1:00-3:00. 201 Deady.
- Bi 337. **Vertebrate Embryology.** 4 hours.
Early developmental stages of vertebrates. Prerequisite: Bi 203 or equivalent. Laboratory fee, \$2.00. Two lectures, TuTh, 9:00. 105 Deady. Two laboratory periods, TuTh, 3:00-5:00. 201 Deady.

- Bi 405. **Reading and Conference.** Hours to be arranged.
Open only to students eligible for honors.
- Bi 501. **Research.** Hours to be arranged.
- Bi 505. **Reading and Conference.** Hours to be arranged.
NOTE: Students may register for Bi 405, Bi 501, and Bi 505 for the quarter or for either of the short sessions.

BUSINESS ADMINISTRATION

PROFESSOR: STILLMAN

SUMMER QUARTER

- BA 111, 112, 113. **Constructive Accounting.** 3 or 4 hours for any one section.
An introduction to the field of accounting and business administration. Technique of account construction; preparation of financial statements. Application of accounting principles to practical business problems; study of proprietorship from the standpoint of the single owner, the partnership, and the corporation. MWF, 10:00, other hours to be arranged. 206 Commerce.
- BA 401. **Research.** 1 to 3 hours.
Opportunity for supervised individual work in some field of special application or interest. Subjects chosen must be approved by the major professor. Open only to students eligible for honors. 10 Commerce.
- BA 501. **Research.** Hours to be arranged.
- *SS 111, 112, 113. **Stenography.** 3 hours.
Theory and practical application of Gregg shorthand. Dictation and transcription. Daily, 8:00. 207 Commerce.
- *SS 121, 122, 123. **Typing.** 2 hours.
Theory and practice of touch typing; rhythm drills, dictation exercises; writing paragraphs; punctuation and mechanical arrangement of business correspondence; legal forms, tabulating, manifold; speed practice. Laboratory fee, \$1.00. Daily, 9:00. 208 Commerce.

CHEMISTRY

PROFESSOR: KUNZ. ASSOCIATE PROFESSOR: VAN RYSSELBERGHE

SUMMER QUARTER

- Ch 204. **Analytical and Theoretical Chemistry.** 4 hours.
Stoichiometry, chemical equilibrium, and the chemistry of solutions. The laboratory work is in quantitative analysis. Prerequisite: Ch 106. Laboratory fee, \$2.00. Three lectures, MWF, 9:00. 103 McClure. One three-hour laboratory period, M, 1:00-4:00. 207 McClure. Kunz, Van Rysselberghe.
- Ch 405. **Reading and Conference.** Hours and time to be arranged.
Open only to students eligible for honors.
- Ch 503. **Thesis.** Hours and time to be arranged.

ECONOMICS

PROFESSOR: CRUMBAKER

SUMMER QUARTER

- Ec 201. **Principles of Economics.** 3 hours.
A study of the basic principles that underlie production, exchange, and distribution. Equivalent of Ec 201 given in the fall term. MWF, 8:00. 106 Oregon.

* Students may enroll for the section which meets their needs.

FIRST SESSION

Ec 476. **Economic Theory and Problems: War and Postwar Problems.** (G) 2 or 3 hours.

Nature of total war; problems of mobilization of manpower, financial resources, raw materials, and industrial equipment; priorities, rationing, and price control; position of neutral countries; postwar demobilization. MTuThF, 11:00, other hours to be arranged. 106 Oregon.

SECOND SESSION

Ec 477. **Economic Theory and Problems: Comparative Economic Systems.** (G) 2 or 3 hours.

A comparison of fascism, socialism, and capitalism as to: economic institutions and the rights of individuals; organization and control of agriculture, commerce, and industry; credit, exchange, and distribution; international trade; public finance. MTuThF, 11:00, other hours to be arranged. 106 Oregon.

EDUCATION

PROFESSORS: JEWELL, KILLGALLON, STETSON. ASSOCIATE PROFESSOR: GARNETT. ASSISTANT PROFESSORS: KOSSACK, SHAFER, STEHN. VISITING FACULTY: CLASEY

FIRST SESSION

CLINICAL SCHOOL: THE PROBLEM CHILD

The Clinical School is designed for children who are hampered by certain psychological or achievement difficulties, not for children who are behind in their studies and need coaching only. Experienced teachers, specialists in the field, will devote their entire time to this work. Children will be given diagnostic examinations at the outset; the specific needs of each child will be outlined.

Arrangements must be made with the director of the Clinical School for the examination and diagnosis of children before the summer quarter begins. Children will meet in the University High School at 10:00 a.m. on Monday, June 12, for classification and assignment. Classes will begin at 10:00 a.m. on Tuesday, June 13.

Pupils are admitted to the following classes after examination: (1) classes for primary and intermediate children who have special disabilities in reading, spelling, or arithmetic; (2) classes for upper-grade, high-school, and college students who have disabilities in reading.

A maximum of 50 pupils will be admitted to the Clinical School. A fee of \$7.50 will be charged for each pupil.

The courses listed below are offered in connection with the Clinical School for those interested in educational work with atypical children.

Ed 407s. **Seminar.** 2 or 3 hours.

Diagnostic Techniques. For description see Ed 507s. Daily, 2:00. 2 University High School. Killgallon. Clasey.

Ed 409. **Psycho-Education Clinic.** (G) Time and hours to be arranged. (9 hours maximum credit.)

For students preparing for clinical work in public schools. Practice, under supervision, in diagnostic and remedial treatment of cases at the elementary, high-school, and college levels. Prerequisite: consent of instructor. Time to be arranged. University High School. Killgallon, Clasey.

Ed 462. **Psychology of Exceptional Children.** (G) 2 or 3 hours.

Study of the exceptional child, including the slow learner, the gifted, the phy-

sically handicapped, the speech defective, the behavior problem, the delinquent. Daily, 9:00. 3 Education. Killgallon.

Ed 486. **Course-of-Study Construction.** (G) 2 or 3 hours.

General principles of course-of-study construction applied to reading; activities, techniques, and materials of the developmental reading program and their adaptation to the student's own school situation. Daily, 1:00. 3 Education. Killgallon.

Ed 507s. **Seminar.** 2 or 3 hours.

Diagnostic Techniques. Difficulties in reading, spelling, and arithmetic among atypical children; techniques of diagnosis; administration and interpretation of mental and achievement tests; remedial procedures. Daily, 2:00. 2 University High School. Killgallon, Clasey.

UPPER-DIVISION AND GRADUATE COURSES

Ed 312. **Educational Psychology.** 3 hours.

Laws of learning and their application in the classroom; motivation in learning, transfer of learning, memory, forgetting, and psychology of secondary-school subjects. Prerequisite: general psychology. Daily, 1:00. 2 Education. Shafer.

Ed 405. **Reading and Conference.** Hours to be arranged.

Individual reading; conferences with members of the staff. Open only to students eligible for honors.

Ed 408. **Special Teaching Methods (Music).** 2 hours.

Vocal—2 hours. A particular study of school music for junior and senior high schools; materials, subject matter, objectives, and procedure. Study of both girl and boy voices; choral materials and their use in group organizations. Observations, reports, conferences. Prerequisite: consent of instructor. MWF, 11:00. Lecture Room, Music. Garnett.

Instrumental—2 hours. The technique of instrumental class instruction. Materials, organization, and problems of instrumental music in public schools. Prerequisite: consent of instructor. MWF, 2:00. 115 Music. Stehn.

Ed 442s. **Education and Nationalism.** (G) 2 or 3 hours.

A study of the relation of educational theory and practices to the social and political life and progress of different nations, with special reference to the functions of education in a democracy. Daily, 2:00. 2 Education. Jewell.

Ed 461. **Adolescence: Growth and Development of the Individual.** (G) 2 or 3 hours.

Processes through which the normal human being reaches maturity, acquires effective use of his bodily equipment and learning capacity, and makes satisfactory personal and social adjustments. Prerequisite: Ed 312. Daily, 11:00. 2 Education. Jewell.

Ed 471. **School Activity Program.** (G) 2 or 3 hours.

Theories involved in extra-class activities; objectives, organization, and supervision; student participation in social control; major and minor activities; problems of coordination, finance, and teacher personnel. Daily, 10:00. 3 Education. Shafer.

Ed 480. **Pupil Personnel Work.** (G) 2 or 3 hours.

Nature and causes of problems in adolescent development and adjustment; procedures and techniques in case work; organization of personnel work; qualifications, training, and duties of personnel officers. Daily, 10:00. 2 Education. Stetson.

- Ed 503. **Thesis.** Time and hours to be arranged.
- Ed 505. **Reading and Conference.** Time and hours to be arranged.
Individual readings and conferences with members of the staff.
- Ed 507. **Seminar.** 2 or 3 hours.
The High-School Curriculum. School objectives; required and elective courses; basic program for Oregon; organizing courses and curricula for small schools; recent developments; evaluation. Daily, 8:00. 3 Education. Stetson.
- Ed 512. **Research Procedures and Thesis Writing.** 3 hours.
The nature and procedures of research in education; the special techniques of thesis writing. Open to graduate students majoring in other fields. Does not take the place of later individual supervision of thesis. Time to be arranged. Stetson.
- Ed 543. **History of American Education.** 2 or 3 hours.
The intellectual development of America with special reference to education. Knowledge of American history prerequisite. Open to seniors on consent of instructor. Daily, 9:00. 2 Education. Jewell.
- Ed 561. **Advanced Educational Psychology.** 2 or 3 hours.
Review of some modern viewpoints in educational psychology; discussion of useful experimental material. Daily, 1:00. 2 Education. Shafer.
- Ed 579s. **Intraschool Relationships.** 2 or 3 hours.
A study of the relationships among the personnel of a modern school system, with special emphasis on the coordination of all activities. Prerequisite: teaching experience. Daily, 11:00. 3 Education. Shafer.
- SECOND SESSION**
- Ed 405. **Reading and Conference.** Hours to be arranged.
Individual reading; conferences with members of the staff. Open only to students eligible for honors.
- Ed 440. **History of Education.** (G) 2 or 3 hours.
A general review of the growth and development of education and its relation to the civilization of the times; emphasis on development of educational philosophies. Daily, 9:00. 2 Education. Jewell.
- Ed 460. **Psychology of Childhood.** (G) 2 or 3 hours.
Psychological factors in the growth and development of the child. Development of physical activities, speech, mental processes, emotional behavior, and socialized activities. Daily, 10:00. 2 Education. Killgallon.
- Ed 478s. **Improvement of the Instructional Program.** (G) 2 or 3 hours.
A consideration of the objectives of the fundamental educational processes and the materials and methods most appropriate to their attainment. Daily, 8:00. 3 Education. Killgallon.
- Ed 503. **Thesis.** Time and hours to be arranged.
- Ed 505. **Reading and Conference.** Time and hours to be arranged.
Individual readings and conferences with members of the staff.
- Ed 515. **Educational Statistics.** 3 hours.
A brief treatment of the following topics: graphical and tabular presentation of numerical data, measures of central tendency (averages) and dispersion, the normal probability curve, linear correlation and regression. Partially integrated with Elements of Statistics (Mth 337s). Prerequisite: consent of instructor. Daily, 8:00. 201 Oregon. Kossack.

- Ed 586. **Philosophy of Education.** 2 or 3 hours.
A study of the broad fundamental principles of education, as evaluated by the various schools of philosophical thought. Daily, 11:00. 2 Education. Jewell.

ENGLISH

PROFESSOR: LESCH. ASSOCIATE PROFESSOR: TROWBRIDGE. ASSISTANT PROFESSORS: BLACK, JESSUP, McCLOSKEY. INSTRUCTORS: FRANCHERE, MUNDLE

SUMMER QUARTER

- Rht 111. **English Composition (First Term).** 3 hours.
Continuous throughout both sessions, meeting three times a week for 11 weeks. MWF, 9:00. 108 Villard. Franchère.
- Rht 112. **English Composition (Second Term).** 3 hours.
Continuous throughout both sessions, meeting three times a week for 11 weeks. MWF, 8:00. 114 Friendly. Mundle.

FIRST SESSION

- Eng 102. **Survey of English Literature (Second Term).** 3 hours.
From Milton to Byron. Daily, 8:00. 122 Friendly. Black.
- Eng 103. **Survey of English Literature (Third Term).** 3 hours.
From Byron to the end of the nineteenth century. Daily, 10:00. 206 Villard. Trowbridge.
- Rht 111. **English Composition.** 3 hours.
Adapted to the work of any one term during the regular session. Daily, 11:00. 114 Friendly. Mundle.
- Eng 202. **Shakespeare (Second Term).** 3 hours.
Three tragedies and three comedies selected from the following list: *Much Ado About Nothing*, *As You Like It*, *Twelfth Night*, *Measure for Measure*, *Julius Caesar*, *Hamlet*, and *Othello*. Daily, 11:00. 19 Friendly. McCloskey.
- Eng 203. **Shakespeare (Third Term).** 3 hours.
King Lear, *Macbeth*, *Antony and Cleopatra*, *Coriolanus*, and either *The Winter's Tale*, *Cymbeline*, or *The Tempest*. Daily, 9:00. 19 Friendly. Lesch.
- Eng 260s. **Survey of American Literature.** 3 hours.
Survey of the major figures and movements in American literature. Daily, 10:00. 19 Friendly. McCloskey.
- Eng 305. **Reading and Conference.** Hours to be arranged.
Open only to students eligible for honors.
- Eng 324. **English Composition for Teachers.** 3 hours.
For students expecting to teach English in high schools. Practice in writing and a review of the rules of composition. Prerequisite: Rht 111, 112, 113. Daily, 11:00. 114 Friendly. Mundle.
- Eng 361. **Twentieth-Century Literature (First Term).** 3 hours.
British and American literature: 1900-1918. A survey of novel, drama, and poetry of this period as they reflect the shifting currents of ideas in the new century. Daily, 10:00. 108 Villard Hall. Franchère.
- Eng 403. **Thesis for Honors Candidates.** Hours to be arranged.
- Eng 414. **Chaucer.** (G) 3 hours.
The study of Chaucer's poetry, with emphasis on sources and forms. Daily, 8:00. 19 Friendly. Lesch.

- Eng 422s. **Types of Prose Fiction.** (G) 3 hours.
The main tendencies of the novel during the eighteenth and nineteenth centuries. Detailed study of six or eight of the leading novelists. Daily, 9:00. 122 Friendly. Black.
- Eng 477. **Seventeenth-Century Literature (First Term).** (G) 3 hours.
English poetry and prose, 1600-1640. Daily, 11:00. 206 Villard. Trowbridge.
- Eng 501. **Research.** Hours to be arranged.
- Eng 503. **Thesis.** Hours to be arranged.
- Eng 505. **Reading and Conference.** Hours to be arranged.

SECOND SESSION

- Eng 101. **Survey of English Literature (First Term).** 3 hours.
From *Beowulf* to Milton. Daily, 8:00. 122 Friendly. Jessup.
- Eng 201. **Shakespeare (First Term).** 3 hours.
Study of the following plays: *The Comedy of Errors*; *A Midsummer Night's Dream*; *Romeo and Juliet*; *Merchant of Venice*; *Richard II*; *Richard III*; *Henry IV, Part I*; *Henry IV, Part II*; *Henry V*. Daily, 9:00. 19 Friendly. Lesch.
- Rht 112. **English Composition.** 3 hours.
Adapted to the work of any one term during the regular session. Daily, 11:00. 114 Friendly. Mundle.
- Eng 362. **Twentieth-Century Literature (Second Term).** 3 hours.
British and American literature, 1918-1929. A survey of novel, drama, and poetry of this period as they reflect postwar disenchantment, the collapse of social values, the rise of skepticism and doubt. Daily, 10:00. 108 Villard. Franchère.
- Eng 403. **Thesis for Honors Candidates.** Hours to be arranged.
- Eng 405. **Reading and Conference.** Hours to be arranged.
- Eng 407. **Seminar in Special Authors (Arnold).** (G) 3 hours.
The study of Arnold as a poet and as a critic of poetry. Daily, 8:00. 19 Friendly. Lesch.
- Eng 501. **Research.** Hours to be arranged.
- Eng 503. **Thesis.** Hours to be arranged.
- Eng 505. **Reading and Conference.** Hours to be arranged.
- Eng 507. **Seminar.** Hours to be arranged.
History of Criticism (Second Term). Study of literary criticism, chiefly English, from Hobbes to Wordsworth. Daily, 11:00. 19 Friendly. Jessup.

GENERAL STUDIES

ACTING CHAIRMAN: TAYLOR

SUMMER QUARTER

In addition to the regular Master of Arts and Master of Science (departmental) degrees, the University offers the degree of Master of Arts (General Studies) in fields in which graduate work is allocated to the institution. This degree is granted for achievement of cultural scholarship, not for specialized work in one of the traditional fields of learning. The student pursues a program of study selected from the offerings of several departments.

In addition to graduate courses offered by the several schools and departments,

the following courses are available in the first and second sessions for students working for the M.A. (General Studies) degree:

- GSt 501. **Research in General Studies.** Hours to be arranged.
- GSt 503. **Graduate Thesis.** Hours to be arranged.
- GSt 505. **Reading and Conference.** Hours to be arranged.

GEOGRAPHY

ASSISTANT PROFESSOR: MERRIAM

FIRST SESSION

- Geo 325. **Physical and Economic Geography of the Pacific Northwest.** 3 hours.
Economic geography and attendant social, historical, and political relationships. Daily, 9:00. 101 Condon.
- Geo 405. **Reading and Conference.** Hours to be arranged.
Open only to students eligible for honors. 104 Condon.
- Geo 430. **Geography of South America.** (G) 3 hours.
Physical, economic, and human geography of the continent; the outstanding economic, social, and political trends in South America, as influenced by these facts. Daily, 8:00. 101 Condon.
- Geo 505. **Reading and Conference.** Hours to be arranged.

GERMAN

PROFESSOR: KREMER

FIRST SESSION

- GL 1. **Elementary German.** 4 hours.
Grammar; German composition; reading and translation of easy prose and poetry. First term of a year sequence. Daily, 10:00, other hours to be arranged. 122 Friendly.
- GL 5. **Second-Year German.** 4 hours.
Grammar, composition, and conversation. Translation of standard German authors. Prerequisite: one year of college or two years of high-school German. First term of a year sequence. Daily, 11:00, other hours to be arranged. 122 Friendly.
- GL 305. **Reading and Conference.** 1 to 3 hours.
Open only to students eligible for honors. 104 Friendly.

HISTORY

PROFESSORS: CLARK, FISH. ASSOCIATE PROFESSOR: LYON. ASSISTANT PROFESSOR: BREEN

SUMMER QUARTER

- Hst 201. **History of the United States.** 3 hours.
From the colonial period to 1850. First term of year sequence. MWF, 9:00. 4 Oregon. Clark.
- Hst 341. **Europe Since 1815.** 3 hours.
Europe from the fall of Napoleon to 1870. First term of year sequence. Daily, 10:00. 5 Oregon. Breen.

- Hst 377. **Oregon History.** 2 hours.
Brief survey of the building of civilization in the Oregon country. MTuWTh, 11:00. 4 Oregon. Clark.
- Hst 405. **Reading and Conference.** 1 to 3 hours.
Individual conferences on assigned readings in a special field with a written report on a special topic. Open only to students eligible for honors. 3 Oregon.
- Hst 431. **Renaissance.** (G) 3 hours.
The Italian phase of the renaissance; its spread to other sections of Europe. Daily, 9:00. 5 Oregon. Breen.
- Hst 446. **Recent Germany.** (G) 3 hours.
The German Empire, the republican experiment, 1918-1933, and the National Socialist regime. Daily, 8:00. 5 Oregon. Lyon.
- Hst 501. **Research.** Hours to be arranged.
3 Oregon.
- Hst 503. **Thesis.** Hours to be arranged.
3 Oregon.
- Hst 505. **Reading and Conference.** Hours to be arranged.
3 Oregon.

SECOND SESSION

- Hst 405. **Reading and Conference.** 1 to 3 hours.
Individual conferences on assigned readings in a special field with a written report on a special topic. Open only to students eligible for honors. 3 Oregon.
- Hst 445. **Europe Since 1919.** (G) 3 hours.
European background of the present war. Acceptable as substitute for Hst 343 in year sequence, but not open to students who have taken Hst 343. Daily, 9:00. 5 Oregon. Fish.
- Hst 469. **Recent England.** (G) 3 hours.
Recent social, political, economic, and intellectual changes in Great Britain. Daily, 10:00. 5 Oregon. Fish.
- Hst 479. **Forces and Influences in American History.** (G) 3 hours.
Geographic influences, immigration, the frontier, inheritance and tradition, nationalism, sectionalism, economic forces, democracy, etc. Daily, 11:00. 4 Oregon. Clark.
- Hst 501. **Research.** Hours to be arranged.
3 Oregon.
- Hst 503. **Thesis.** Hours to be arranged.
3 Oregon.
- Hst 505. **Reading and Conference.** Hours to be arranged.
3 Oregon.

JOURNALISM

ASSOCIATE PROFESSOR: PRICE

FIRST SESSION

- J 405. **Reading and Conference.** Hours to be arranged.
Open only to students eligible for honors. 101 Journalism.
- J 459s. **Principles of Journalism.** 3 hours.
Study of current news values; reportorial and editing techniques and practice;

- newspaper aims; current history in various media, including the news magazine; useful for teachers, and other group leaders. Daily, 9:00. 10 Journalism.
- J 461s. **Public Opinion.** (G) 2 hours.
Influence of the newspapers and radio on public opinion; sociological, political, and psychological factors involved; methods of conducting public-opinion polls. MTWTh, 10:00. 10 Journalism.

LIBRARY METHODS

ASSISTANT PROFESSOR: RISE. INSTRUCTOR: BAKER

Miss Agnes Shields, school-library specialist of the Oregon State Library, will give a series of lectures dealing directly with book selection for Oregon high schools during the week of July 10-14.

FIRST SESSION

- Lib 382. **Book Selection and Evaluation.** 3 hours.
A general survey of the best books and authors, with special attention given to books most suitable for school libraries. Daily, 11:00. 204 Library. Rise.
- Lib 384. **School-Library Administration.** 3 hours.
Emphasis on the vital service the library can render in the smaller school through careful organization and planning. Daily, 10:00. 204 Library. Baker.
- Lib 386s. **Cataloging: Study of the Card Catalog.** 3 hours.
Instruction and practice in making a dictionary catalog and shelf list in simplified form, for small libraries. Daily, 1:00-4:00. 304 Library. Baker.

MATHEMATICS

PROFESSOR: MOURSUND. ASSISTANT PROFESSOR: KOSSACK. INSTRUCTOR: ALKIRE

SUMMER QUARTER

- Mth 100. **Intermediate Algebra.** 4 hours.
Intended for students who have had only one year of high-school algebra, or who have not had algebra for some time. MTuWF, 10:00. 205 Deady. Kossack.
- Mth 105. **College Algebra.** 4 hours.
More advanced than Mth 100. Prerequisite: one and one-half years of high-school algebra or Mth 100. MTuWF, 10:00. 206 Deady. Moursund.
- Mth 106. **Plane Trigonometry.** 4 hours.
A standard course in college trigonometry. Prerequisite: consent of the instructor. MTuWF, 8:00. 205 Deady. Alkire.
- Mth 203. **Differential and Integral Calculus.** 4 hours.
The third term of a standard course in calculus. Prerequisite: Mth 201, 202, or equivalent. Time to be arranged. Moursund.

FIRST SESSION

- Mth 10s. **Elements of Algebra.** 3 hours.
Intended for students who have had less than one year of high-school algebra. Daily, 11:00. 205 Deady. Alkire.
- Mth 105s. **College Algebra.** 3 hours.
Description under *Summer Quarter* above. Less detailed treatment of some of the topics. Daily, 10:00. 204 Deady. Alkire.
- Mth 111. **Introduction to Analysis (Algebra).** 2 hours.
The first half of Mth 100. MTuWF, 10:00. 205 Deady. Kossack.

Mth 113. Introduction to Analysis (Trigonometry). 2 hours

The first half of Mth 106. Emphasis on computation. MTuWF, 8:00. 205 Deady. Alkire.

Mth 200s. Plane Analytical Geometry. 3 hours.

Intended to prepare students for the study of calculus. Time to be arranged. Alkire.

Mth 201s. Differential Calculus. 3 hours.

Standard course in differential calculus. To be taught by means of individual instruction and conferences. Daily, 8:00. 206 Deady. Kossack.

Mth 202s. Integral Calculus. 3 hours.

Standard course in integral calculus. To be taught by means of individual instruction and conferences. Daily, 8:00. 206 Deady. Kossack.

Mth 314. Advanced College Algebra. 3 hours.

Selected topics beyond Mth 105. Daily, 9:00. 205 Deady. Moursund.

Mth 431. Advanced Calculus. 3 hours.

Prerequisite: differential and integral calculus. Time to be arranged. Moursund.

Mth 503. Thesis.**Mth 505. Reading and Conference.****SECOND SESSION****Mth 20s. Elements of Geometry.** 3 hours.

Emphasis on fundamentals of plane geometry. Daily, 11:00. 204 Deady. Kossack.

Mth 100s. Intermediate Algebra. 3 hours.

Prerequisite: Mth 10 or one year of high-school algebra. Daily, 11:00. 205 Deady. Alkire.

Mth 106s. Plane Trigonometry. 3 hours.

Description under *Summer Quarter* above. Less detailed treatment of some topics. Daily, 10:00. 204 Deady. Alkire.

Mth 112. Introduction to Analysis (Algebra). 2 hours.

The second half of Mth 100. MTuWF, 10:00. 205 Deady. Kossack.

Mth 205s. Calculus. 3 hours.

Topics selected to meet the needs of students. Daily, 8:00. 206 Deady. Moursund.

Mth 337s. Elements of Statistics. 3 hours.

A brief treatment of the following topics: graphical and tabular presentation of numerical data, measures of central tendency (averages) and dispersion, the normal probability curve, linear correlation and regression. Integrated with Educational Statistics (Ed 515). Prerequisite: consent of instructor. Daily, 8:00. 201 Oregon. Kossack.

Mth 415. Advanced Euclidean Geometry. 3 hours.

An advanced course in plane geometry intended primarily for teachers. Prerequisite: consent of instructor. Daily, 9:00. 205 Deady. Moursund.

Mth 433. Advanced Calculus. 3 hours.

An introduction to theory of functions of a real variable. Prerequisite: consent of instructor. Time to be arranged. Moursund.

Mth 503. Thesis.**Mth 505. Reading and Conference.**

NOTE: Other courses listed in the University Catalog (1943-44) will be given if there is sufficient demand. Special effort will be made to meet the needs of students preparing for Army service and the needs of prospective teachers of mathematics.

MUSIC

ASSOCIATE PROFESSOR: GARNETT. ASSISTANT PROFESSOR: STEHN.
INSTRUCTORS IN APPLIED MUSIC

FIRST SESSION**NO-FEE COURSES**

No supplementary fee, in addition to the regular registration fee, will be charged for the following courses:

Mus 129. Appreciation of Music. 2 hours.

A nontechnical study of the development of music, stressing the elements of musical understanding; study of representative composition, with emphasis on their musical and historical significance. MWF, 11:00. Auditorium, Music. Stehn.

Mus 216. Keyboard Harmony. 1 hour.

Application of theoretical principles to the keyboard; exercises in modulation, transposition, and development of extempore playing. Prerequisite: Mus 111, 112, 113. TuTh, 3:00. Lecture Room, Music. Garnett.

Mus 319. Public-School Music. 3 hours.

For students intending to teach music in the high schools. Study of work units, with emphasis on social and creative phases. Survey of methods and materials used in the grades, as a necessary background for the presentation of music in the high school. Daily, 8:00. Lecture Room, Music. Garnett.

Mus 325. Choral Conducting. 2 hours.

The principles of conducting and training choral organizations. Practical experience in conducting campus organizations. MWF, 3:00. Lecture Room, Music. Garnett.

Mus 335. Wind and Percussion Instruments. 1 hour.

A study of the wind and percussion instruments of the orchestra and band. Students must have a cornet (or trumpet) and clarinet available for use. MWF, 2:00. 115 Music. Stehn.

Mus 407. Seminar. 2 or 3 hours.

Special Problems in Public-School Music. MWF, 9:00, other hours to be arranged. Lecture Room, Music. Garnett.

Ed 408. Special Teaching Methods (Music). 2 hours.

Vocal—2 hours. A particular study of school music for junior and senior high schools. Materials, subject matter, objectives, and procedure. Study of both girl and boy voices; choral materials and their use in group organizations. Observations, reports, conferences. Prerequisite: consent of instructor. MWF, 11:00. Lecture Room, Music. Garnett.

Instrumental—2 hours. The technique of instrumental class instruction. Materials, organization, and problems of instrumental music in public schools. Prerequisite: consent of instructor. MWF, 2:00. 115 Music. Stehn.

Mus 431. Advanced Conducting. (G) 2 or 3 hours.

The routine and technique of conducting. Problems of symphony orchestras and choral groups. Score reading. Actual practice in conducting. Prerequisite: consent of instructor. MWF, 10:00. Auditorium, Music. Stehn.

APPLIED MUSIC

Mus 190. **Lower-Division Individual Instruction.** 1 to 2 hours.

Mus 390. **Upper-Division Individual Instruction.** 1 to 2 hours.

Mus 590. **Individual Instruction.** 1 to 2 hours.

Private lessons in organ, piano, violin, voice, or cello (one lesson per week for five weeks), \$16.50; two lessons per week, \$30.00. Private lessons in any of the orchestral or band instruments; one lesson per week, \$8.00; two lessons per week, \$15.00. Practice-room fee (one hour daily), \$1.50.

PHYSICAL EDUCATION

PROFESSOR: LEIGHTON. INSTRUCTOR: MOORE. VISITING FACULTY: TOMKINS
(Students enrolling for swimming and tennis or in PE 180, PE 190, PE 331 are required to pay the \$2.00 gymnasium and recreation fee.)

SUMMER QUARTER

PE 190. **Elementary and Advanced Physical Education for Men.** 1 hour.

Elementary Swimming. Instruction in the various swimming strokes, adjusted to those enrolled in the course. Swimmers with no skill, as well as those with previous instruction, may register. Open only to students enrolled for the full summer quarter. MWF, 4:00. Men's Pool. Tomkins.

Selected Activities. Conditioning activities and games selected on the basis of the needs of the group enrolled. Open only to undergraduate men enrolled for the full summer quarter. TuWF, 3:00. Physical Education. Tomkins.

FIRST SESSION

PE 180. **Elementary and Advanced Physical Education for Women.** 1 hour.

Swimming. Instruction in the fundamental swimming strokes and skills. Emphasis on individual instruction. Daily, 3:00. Gerlinger Pool. Moore.

Tennis. Instruction in strokes and court strategy. Students with no previous training, as well as advanced players, may enroll for this course. Daily, 8:00. University Courts. Tomkins.

Folk and Square Dance. Techniques of folk dancing and the square dance. Useful for teachers and group leaders. Daily, 2:00. Gerlinger. Moore.

PROFESSIONAL COURSES

(May not be used as service courses to fulfill the University requirements.)

PE 331. **Physical-Education Laboratory for Women.** 2 hours.

Laboratory study and practice of the materials, methods, and equipment applicable to the physical-education division of the Victory Corps program. Daily, 10:00. Gerlinger. Moore.

PE 363. **First Aid.** 3 hours.

Open to men and women. Lectures, demonstrations, and practices of American Red Cross first aid leading to standard and advanced certification. MTuTh, 7:15-9:00 p.m. 116 Physical Education. Moore.

PE 407. **Seminar.**

Physical-Education Programs for Women. 3 hours. Organizing physical-education programs to meet high-school Victory Corps objectives. Problems of physical development, organic efficiency, personality, and character concomitants which are inherent in the program. Does not carry graduate credit. Time to be arranged. Moore.

PE 415. **Supervised Direction of Camps and Playgrounds.** 4 hours.

Supervised experience in direction of group recreation for students who are

not working toward a teacher's certificate. Prerequisite: consent of instructor. Moore.

PE 501. **Research.** Hours to be arranged.

Leighton.

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

Leighton.

PE 506. **Special Problems.** Hours to be arranged.

Opportunity will be given for work on professional or procedural problems selected by the individual student. Leighton.

PE 507. **Seminar.** 3 hours.

Some special aspect of physical education or recreation. Adapted to needs of students. Time to be arranged. Leighton.

SECOND SESSION

PE 501. **Research.** Hours to be arranged.

Leighton.

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

Leighton.

PE 506. **Special Problems.** Hours to be arranged.

Leighton.

PE 507. **Seminar.** Hours to be arranged.

Leighton.

POLITICAL SCIENCE

PROFESSOR: CRUMBAKER

SUMMER QUARTER

PS 203. **American Governments.** 3 hours.

State and local governments. MWF, 10:00. 105 Oregon.

PS 405. **Reading and Conference.** Hours to be arranged.

Open only to students eligible for honors. 209 Oregon.

PSYCHOLOGY

PROFESSOR: TAYLOR. VISITING FACULTY: RICKERS-OVSIANKINA

FIRST SESSION

Psy 201. **General Psychology.** 3 hours.

Analysis of human behavior and conscious experience from the standpoint of natural science. Learning, reasoning, and perceiving as psychological processes. Sensory functions and nervous organization as explanatory concepts. Daily, 11:00. 301 Condon. Rickers-Ovsiankina.

Psy 413. **Abnormal Psychology.** (G) 3 hours.

The exaggeration of normal motives and adjustment mechanisms in neurotic behavior. Interpretation of anxiety states; hysteria, hypnotic phenomena, and the major psychoses. Daily, 9:00. 301 Condon. Rickers-Ovsiankina.

Psy 507. **Seminar.** Hours to be arranged.

Administration, scoring, and interpretation of the Rorschach Test as a means of identifying differences in personality. Prerequisite: consent of instructor. Time to be arranged. Rickers-Ovsiankina.

SECOND SESSION

Psy 202. **General Psychology.** 3 hours.

Maturation and growth in individual development. Motives, emotions, individual differences, intelligence, and personality as an integrative aspect. Daily, 10:00. 301 Condon. Rickers-Ovsiankina.

Psy 204. **Psychology of Adjustment.** 3 hours.

The nature and origins of differences in personality. Means of making desired changes. Prerequisite: Psy 201, 202. Daily, 11:00. 301 Condon. Rickers-Ovsiankina.

Psy 507. **Seminar.** Hours to be arranged.

Use of Rorschach methods in research and clinical diagnosis. Prerequisite: consent of instructor. Time to be arranged. Rickers-Ovsiankina.

ROMANCE LANGUAGES

ASSISTANT PROFESSOR: VARGAS-BARON

SUMMER QUARTER

(If there is sufficient demand for other courses in Romance languages, changes or additions will be made.)

RL 1. **First-Year French.** 4 hours.

Translation of common prose; conversation; composition; grammar. This course is the equivalent of the first term of First-Year French as given during the regular academic year. MTuThF, 9:00. 119 Friendly.

FIRST SESSION

RL 347. **Spanish Composition and Conversation.** 2 hours.

Emphasis on conversation. Useful to teachers of Spanish and to others who have proper background. MTuThF, 11:00. 119 Friendly.

SECOND SESSION

RL 348. **Spanish Composition and Conversation.** 2 hours.

Emphasis on conversation. Useful to teachers of Spanish and to others who have proper background. MTuThF, 11:00. 119 Friendly.

SOCIOLOGY

ASSOCIATE PROFESSOR: BEE

FIRST SESSION

Soc 206. **General Sociology.** 3 hours.

Analysis of social organization and culture; social changes and movements as affected by culture and by biological and physical environmental factors. Daily, 10:00. 206 Oregon.

Soc 338. **Marriage and the Family.** 3 hours.

The origin and development of the matrimonial institutions of contemporary civilization, with special consideration of current problems of marriage and the family. Daily, 11:00. 206 Oregon.

Soc 405. **Reading and Conference.** 1 to 3 hours.

Open only to students eligible for honors. 205 Oregon.

Soc 505. **Reading and Conference.** Hours to be arranged.
205 Oregon.

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Correspondence Courses

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

AGRICULTURE Farm Accounting	Introduction to Short Story Writing Short Story Writing Advanced Short Story Writing	Analytical Geometry Elementary Analysis Differential and Integral Calculus
ARCHITECTURE Mechanical Drawing Stresses Elementary Structural Design	Prose Manuscript Versification Book and Play Reviewing Business English Grammar, Punctuation and Usage Review	Mathematics of Finance Differential Equations Elements of Statistics Elements of Navigation
LANDSCAPE ARCHITECTURE	English for High School Teachers	MODERN LANGUAGES First Year French Second Year French First Year German Second Year German First Year Spanish Second Year Spanish
ART Freehand Drawing Design	GEOGRAPHY General Geography Part I Part II Part III	PHYSICS College Physics History and Teaching of Physics Meteorology Advanced Meteorology (Dynamic) Advanced Meteorology (Aeronautical) Radio Fundamentals
ASTRONOMY	GEOLOGY Geology I Historical Geology	POLITICAL SCIENCE National Government State and Local Government
AVIATION Air Navigation Meteorology Aerodynamics Airplane Powerplants and Servicing of Planes	HEALTH EDUCATION	PSYCHOLOGY Elementary Physiology
BIOLOGY Bird Study Biological Science Survey	HISTORY World History Oregon History English History Modern Europe History of the United States Hispanic America	SECRETARIAL SCIENCE Stenography (Gregg) Stenography (Thomas) Office Organization and Management Typing
BOTANY Plant Biology Systematic Botany Advanced Systematic Botany Shrubs and Trees	HOME ECONOMICS Household Management Child Development Clothing Selection Food Purchasing House Furnishing	SOCIOLGY General Sociology Criminology Matrimonial Institutions Community Problems
BUSINESS ADMINISTRATION Constructive Accounting Cost Accounting Business Law General Advertising Problems in Distribution Real Estate Fundamentals	JOURNALISM Elementary News Writing Newswriting for Publicity Chairmen Feature Writing	ENTRANCE COURSES Pre-Flight Aeronautics Business English Introductory Accounting Mechanical Drawing Civics American History World History Entrance English I to VIII Entrance English Composition Fundamentals of Written English English Grammar and Usage Elementary Algebra Plane and Solid Geometry Biology Elementary Physics Latin Elementary Economics Social Problems Social Problems and Govern- ment
ECONOMICS Economic History Principles of Economics Outline of Economics Money, Banking and Economic Crises Economics of Business Organization and Finance Economic Problems: Economics of the Recovery Program	LATIN Beginning Latin and Caeser Cicero Latin Literature: Horace	
EDUCATION Character Education Oregon School Law and System of Education Curriculum Construction History of Modern Education Child Study Mental Hygiene Educational Psychology Psychology of Adolescence Measurement in Secondary Education Introduction to Education	LIBRARY METHODS Children's Literature Book Selection and Evaluation	
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