

OREGON STATE SYSTEM OF HIGHER EDUCATION BULLETIN

SUMMER SESSIONS

University of Oregon

Six-week Session: June 12—July 21
Post Session: July 24—August 18
1939

State Board of Higher Education

	Term Expires
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BEATRICE WALTON SACKETT, Marshfield	1942
C. A. Brand, Roseburg.	1943
E. C. SAMMONS, Portland	1944
ROBERT W. RUHL, Medford	1945
EDGAR W. SMITH, Portland	1946
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Office of the State Board of Higher Education

Eugene, Oregon

Summer Sessions

University of Oregon

Six-week Session
June 12—July 21
Post Session
July 24—August 18

Oregon State System of Higher Education

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

The institutions of the State System of Higher Education are the University of Oregon at Eugene, Oregon State College at Corvallis, the University of Oregon Medical School at Portland, the Oregon College of Education at Monmouth, the Southern Oregon College of Education at Ashland, and the

Eastern Oregon College of Education at La Grande.

Each of these institutions, except the Medical School which is on a graduate basis, provides the general studies fundamental to a well-rounded education. At the three normal schools 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 studies in the liberal arts and sciences.

At the University and the State College two years of unspecialized work in liberal arts and sciences are provided on a parallel basis in the Lower Division. Beyond the lower-division level the work of the two institutions is distinctly differentiated. At the University are centered the advanced curricula in the arts, letters, and social sciences, and the professional schools resting on these fundamental fields of knowledge. At the State College are centered the advanced curricula in the physical and biological sciences and the professional schools resting on these natural sciences.

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Oregon State System of Higher Education

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Arts and Letters
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Profitable Harord Drandon A P. F.F. Deem and Director of
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ALFRED POWERS, A.BDean and Director of General Extension
WILLIAM ALFRED SCHOENFELD, M.B.ADean and Director of Agriculture
MAHLON ELLWOOD SMITH, Ph.DDean and Director of Lower Division
GENEVIEVE GRIFFITH TURNIPSEED, M.ADirector of Dormitories
ADOLPH ZIEFLE, M.S., Phar.DDean and Director of Pharmacy

Each dean and director in this list is interinstitutional in function, being the chancel-lor's principal adviser in his field.

University of Oregon

Summer Sessions 1939

Faculty

FREDERICK M. HUNTER, Ed.D., LL.D., Chancellor, Oregon State System of Higher Education.

DONALD M. ERB, Ph.D., President, University of Oregon.

BURT BROWN BARKER, B.A., LL.D., Vice-President, University of Oregon.

ALFRED POWERS, B.A., Director of Summer Sessions, Oregon State System of Higher Education.

Louis Berelson, Ph.D., Secretary of Summer Sessions.

*DAN E. CLARK, Ph.D., Director, University of Oregon Summer Session and Post Session.

W. G. BEATTIE, B.A., Acting Director, University of Oregon Summer Session and Post Session.

SHIRLEY F. WRIGHT, Secretary, University of Oregon Summer Session and Post Session.

HOWARD R. TAYLOR, Ph.D., Assistant Dean of the Graduate Division.

CLARA LYNN FITCH, Secretary of the Graduate Division.

EARL M. PALLETT, Ph.D., Registrar.

M. H. Douglass, M.A., Librarian.

HAZEL PRUTSMAN SCHWERING, M.A., Dean of Women.

VIRGIL D. EARL, M.A., Dean of Men.

AUDREY AASEN, Assistant in Music.

ALTON L. ALDERMAN, Ph.D., Assistant Professor of Zoology.

MARGARET ALLEN, Assistant in Music.

ROBERT E. ANDERSON, M.S., Graduate Assistant in Education.

Louis Artau, Assistant Professor of Music.

Lois Baker, M.A., Law Librarian and Instructor in English.

JAMES D. BARNETT, Ph.D., Professor of Political Science; Head of the Department.

W. G. Beattie, B.A., Associate Professor of Education (post session only).

ANNE LANDSBURY BECK, B.A., Professor of Music.

LESTER F. BECK, Ph.D., Associate Professor of Psychology.

H. W. BERNARD, Ph.D., Assistant Professor of Education.

FRANK G. BLACK, Ph.D., Assistant Professor of English.

E. LENORE CASFORD, M.A., Periodical Librarian; Assistant Professor of English. A. E. CASWELL, Ph.D., Professor of Physics (post session only).

JOHN E. CASWELL, M.A., Assistant in Physics.

^{*} On leave of absence, summer of 1939.

R. C. CLARK, Ph.D., Professor of History; Head of the Department (post session only).

MERL CLASEY, M.A., Expert in Remedial Reading, Minneapolis Public Schools. MADGE J. CONAWAY, Assistant in Music.

CLAUDE C. CRAWFORD, Ph.D., Professor of Education, University of Southern California.

L. S. Cressman, Ph.D., Professor of Anthropology.

CALVIN CRUMBAKER, Ph.D., Professor of Economics (post session only).

W. A. DAHLBERG, M.A., Assistant Professor of Speech.

JOHN F. DASHIELL, Ph.D., Head of Department of Psychology, University of North Carolina (post session only).

CHESTER R. DUNCAN, Supervisor of Music, Portland Public Schools.

WARRINE E. EASTBURN, M.S., Instructor in Physical Education.

LOWELL B. ELLIS, M.A., Instructor in Romance Languages.

ELMER FAGAN, Ph.D., Professor of Economics, Stanford University.

ANDREW FISH, Ph.D., Associate Professor of History.

Brownell Frasier, B.A., Associate Professor of Interior Design.

JOHN T. GANOE, Ph.D., Associate Professor of History.

WINSTON AUBREY GILCHRIST, Visiting Instructor in Education.

HEINRICH GOMPERZ, Ph.D., Visiting Professor of Philosophy, University of Southern California; formerly Professor of Philosophy, University of Vienna. ROBERT GOULD, Assistant in Music.

STEPHEN C. GRIBBLE, Ph.D., Professor of Education, Washington University, St.

LAWRENCE HARTWIG, B.A., J.D., Assistant Professor of Law.

BARBARA EVELYN HOLLIS, B.A., B.S. in L.S., Librarian, Eugene High School.

ROBERT D. HORN, Ph.D., Associate Professor of English.

MARION HORTON, B.L.S., City School Library, Los Angeles.

HOWARD S. HOYMAN, M.A., Assistant Professor of Physical Education.

C. L. HUFFAKER, Ph.D., Professor of Education.

EDWARD M. HULME, Ph.D., Emeritus Professor of History, Stanford University (post session only).

CHARLES M. HULTEN, M.A., Assistant Professor of Journalism.

Samuel H. Jameson, Ph.D., Professor of Sociology.

J. R. Jewell, Ph.D., LL.D., Dean of the School of Education.

N. B. Johns, M.A., Instructor in Physical Education.

E. R. KNOLLIN, M.A., Professor of Physical Education.

EDNA LANDROS, Ph.D., Assistant Professor of Latin and Greek.

E. C. A. Lesch, Ph.D., Associate Professor of English.

Andrew Loney, Jr., Supervisor of Music, La Grande Public Schools.

F. G. MACOMBER, Ed.D., Professor of Education.

ANATOLE G. MAZOUR, Ph.D., Professor of History, University of Nevada.

Rose McGrew, Professor of Voice.

E. G. Moll, M.A., Associate Professor of English.

ELIZABETH MONTGOMERY, Ph.D., Assistant Professor of Education.

VICTOR P. MORRIS, Ph.D., Dean of the School of Business Administration; Professor of Economics.

WAYNE L. Morse, LL.B., J.D., Dean of the School of Law.

A. F. Moursund, Ph.D., Associate Professor of Mathematics.

WILLIAM B. NASH, M.A., Instructor in Dramatics.

W. V. Norris, D.Sc., Professor of Physics.

K. J. O'CONNELL, LL.B., S.J.D., Assistant Professor of Law (post session only).

PIRKKO PAASIKIVI, B.A., Instructor in Physical Education.

Рипле A. Parsons, Ph.D., Professor of Sociology; Head of the Department (post session only).

Howard C. Ray, M.A., Supervisor of Physical Education, Palo Alto Public Schools; Chairman of the Recreation Commission, Palo Alto, Cal.

LILLIAN RAYNER, B.S., Los Angeles Public Schools.

W. P. RIDDLESBARGER, A.M., J.D., Assistant Professor of Business Administration. BERNICE RISE, B.L.S., B.A., Circulation Librarian; Assistant Professor of English. HORACE W. ROBINSON, M.A., Assistant Professor of Dramatics.

Arnold H. Rowbotham, Ph.D., Assistant Professor of French, University of California.

ROBERT H. SEASHORE, Ph.D., Associate Professor of Psychology, Northwestern University.

WARREN D. SMITH, Ph.D., Professor of Geography and Geology; Head of the Departments of Geography and Geology.

MAYO SORENSON, Assistant in Music.

John Stehn, M.S., Assistant Professor of Music, Director of Summer Band, Choir and Orchestra Institute.

F. L. Stetson, M.A., Professor of Education.

A. B. STILLMAN, M.B.A., Associate Professor of Business Administration.

TRACY E. STREVEY, Ph.D., Associate Professor of History, Northwestern University.

Howard R. Taylor, Ph.D., Assistant Dean of Graduate Division; Professor of Psychology; Head of the Department.

REX UNDERWOOD, Professor of Music, Director of Orchestra.

ALBERT VAN AVER, M.A., Instructor in English.

Andrew Vincent, Professor of Drawing and Painting.

ASTRID M. WILLIAMS, Ph.D., Assistant Professor of Germanic Languages and Literatures.

HOMER E. WOODBRIDGE, Ph.D., Professor of English, Wesleyan University, Middletown, Connecticut.

HAL YOUNG, Professor of Voice.

NOWLAND B. ZANE, Associate Professor of Space Arts.

Calendar

June 12 Registration for summer session. June 13 Classes begin. June 14 Last date for payment of undergraduate registration fee without penalty (3:00 p.m.). June 17 Last date for payment of graduate registration fee without penalty (noon). June 21 Last date for adding a course. July 4 Holiday. (There will be no classes on Monday, July 3, but the time missed will be made up on July 8.) July 17 Last date for withdrawal from a course. July 20, 21 Final examinations. POST SESSION July 24 Post-session classes begin (8:00 a.m.). Registration (1:00 to 4:00 p.m.). July 31 Last date for adding a course. August 14 Last date for withdrawal from a course. August 17, 18 Final examinations (from 3:00 to 5:00 p.m. on Thursday and all day Friday).

General Information

THE thirty-fifth annual summer session of the University of Oregon will be held on the campus at Eugene, beginning June 12 and continuing for six weeks until July 21. A post session of four weeks will be held from July 24 to August 18.

Work in the summer sessions is equivalent in character, method, and credit

value to the work of the regular academic year.

The campus at Eugene, with its expansive lawns shaded by firs and deciduous trees, and bordered by the historic mill race, offers an invigorating and attractive setting for summer study. Nearby are hills, rivers, and forests; within weekend reach are the Oregon beaches, the snowy Cascades, cold lakes, and fishing streams. Eugene has a population of about 23,000. It is one of the most beautiful small cities of the Pacific Coast, and offers unusual attractions as a place for summer residence. The campus includes more than 100 acres of land. Bus transportation is available to the business sections and other parts of the city. Churches, theaters, shops, and parks are within easy walking distance.

Registration Procedure. Students will register for the six-week Eugene session on Monday, June 12. Classes will begin Tuesday morning, June 13, in accordance with the schedule printed in the back of this Catalog. Examinations will be held on Thursday and Friday, July 20 and 21. Students will register for the four-week post session on Monday, July 24. Post-session classes will begin Monday morning, in accordance with the schedule.

For convenience of students, all the details of registration will be completed in the S. H. Friendly Hall. Registration for the six-week session will begin at 8 o'clock in the morning, June 12, and continue until 4 o'clock in the afternoon. Registration for the post session will take place on the afternoon of July 24.

At Friendly Hall detailed instructions may be secured concerning the simple enrollment procedure. Advisers for all major subjects will be on hand to assist students in planning their summer programs; the graduate dean and his staff will be available for consultation with students working toward advanced degrees.

Admission and Degrees. The only requirement for admission to the summer sessions 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 session, such students should file with the Registrar complete official transcripts covering all school work taken above the eighth grade. Specific requirements are stated in the general University Catalog.

A student may satisfy the residence requirement for a degree by attending summer sessions for a minimum of 30 weeks and completing at least 45 term hours in residence at the summer sessions.

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

Maximum Load. In the six-week session a student may carry the amount of work necessary to earn 9 term hours of credit; during the post session he may carry 6 term hours of work.

Fees. Registration and other fees applicable in the summer sessions are as follows:
Registration fee for regular six-week session\$25.00
Students registering for more than three hours of work pay this fee. There is no additional out-of-state tuition for the summer sessions.
Registration fee for post session
Registration fee for Summer Band, Choir, and Orchestra Institute
Late-registration fee
Students registering after a set date pay a late-registration fee of \$1.00 for the first day and \$1.00 for each additional day until a maximum charge of \$3.00 is reached. The rules governing late-registration fees are as follows: (1) Undergraduate students in the six-week session and post session pay a late-registration fee if they register after \$3.00 p.m. on the third day of the session. (2) Graduate students at both sessions pay a late-registration fee if they register after the close of the first week (noon Saturday).
Part-time fee, per credit hour
Paid by students carrying not more than three hours of work.
Auditor's fee, six-week session, per course
Auditor's fee, post session, per course
Examination fee for graduate students not enrolled in summer sessions
Fee for children receiving instruction in Clinical School
Graduation fee
Gymnasium and recreation fee
Music feesSee page 36
Laboratory and special fees in connection with particular courses are indicated in the course descriptions.
Refunds. The following refunds of fees will be made to students withdrawing from the six-week summer session:
Up to and including June 19

The following refunds of fees will be made to students withdrawing from the post session:

Refunds of laboratory fees will be determined in individual cases, the amount to depend partly on whether laboratory materials have been purchased for the student.

Graduate Work. Many courses are offered each summer which are open to graduate students only, and numerous other advanced courses are so arranged that they may be taken for graduate credit. In some departments the summer courses are arranged in two- or three-year sequences, thus enabling the student to meet the requirements for the master's degree by attendance at several sessions; the University arranges its summer offerings with the needs of faculty members of colleges and normal schools definitely in mind.

Many members of the regular staff who teach in the summer sessions have distinguished themselves in research and productive scholarship; the visiting members of the faculty are selected for the stimulus which they can bring to the graduate work. Whenever possible, students should endeavor to extend their summer study beyond the six-week session and complete a full term's work by attending the post session; this added period makes possible more consecutive and intensive study.

Admission. To be admitted to the Graduate Division a student must submit an application accompanied by a transcript of the credits earned for his bachelor's degree. Temporary admission is sometimes granted to summer students without these credentials; but in such cases credits earned are provisional until a copy of the transcript is filed. Graduate summer students, including those who wish to apply their Oregon credits toward advanced degrees in other institutions, should send an undergraduate transcript in advance to the Registrar of the University or bring a copy with them.

Preparation. To be eligible for a graduate major in any subject, the student must have had an undergraduate major or its equivalent in that subject; at the University of Oregon this means a minimum of 36 term hours. A student lacking part of this preparation may be required to take courses in his major department without graduate credit until his preparation is adequate.

Grade Requirement. For graduate students an average of B (GPA 3.00) is required on all of the work carried for graduate credit. No D grades will be counted for graduate credit.

Residence Requirement. For a master's degree one year of residence is required. This requirement may be satisfied by three summer terms (a summer term is a six-week summer session plus a four-week post session), or by five six-week summer sessions.

Transferred Credit. Graduate credit to a maximum of 15 term hours may be transferred from another accredited institution, with the approval of the major department and the Graduate Council; but such transferred credit may not shorten the residence requirement. Transferred credit from another institution is provisional until the student has completed a term in residence at the University.

Time Limit for Master's Degree. All work for the master's degree, including the final examination, must be completed within a period of five years after the work was begun. All work at another institution for which credit is transferred must have been done within the same five-year period.

Preliminary Examination. The preliminary oral examination required of candidates for the master's degree should be taken as soon as the student has completed approximately 15 hours of work, and must be taken before his final 15 hours of work.

Maximum Registration. The maximum number of hours that may be carried by a graduate student is 9 for the six-week session, and 6 for the post session.

Course Requirements. Of the 45 term hours required for a master's degree, 9 hours of major credit are reserved for the thesis. Approximately 9 hours of the work for the master's degree must be in courses numbered 500-599. The normal program of a candidate for a master's degree includes 15 term hours in a minor (or, in some cases, in service courses). The 400 courses eligible for graduate credit are marked with a (G), or (g).

Degrees. Work toward the Master of Arts or Master of Science may be taken in any of the departments or schools which offer 400 (G) or 500 courses in the summer sessions. In addition to these degrees, the Master of Fine Arts may be earned in the School of Architecture and Allied Arts and the School of Music, the Master of Business Administration in the School of Business Administration, and the Master of Education in the School of Education.

The Master of Arts (General Studies), recently instituted by the University, is awarded to students completing a program of study which cuts across departmental boundaries, using the resources of several departments and schools. This degree is administered by a committee instead of by a department; the chairman of the committee is Dr. E. H. Moore.

The Doctor of Education degree may be earned in the School of Education. Work may be taken in the summer sessions toward the Doctor of Philosophy degree in economics, education, English, German, history, psychology, Romance languages, and sociology, when offerings and instructors are available.

Post Session. In several departments, by attending the six-week session and the post session of four weeks, students may secure a total of ten weeks of consecutive instruction. Special attention is given in the post session to courses that are organic or logical continuations of courses given in the six-week session.

For descriptions of post-session courses, see below, under departmental headings. For convenience of reference, titles of post-session courses are listed also on pages 55-57.

Grading System. The University 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 ordinarily receive one of the four passing grades or F. When the quality of the work is satisfactory, but the course has not been completed, for reasons acceptable to the instructor, a report of Inc. may be made and additional time granted. Students may withdraw from a course by filing the proper blanks at the Registrar's Office in accordance with University regulations. A student who discontinues attendance in a course without official withdrawal receives a grade of F in the course. (See Calendar, page 7, for last date to withdraw).

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.

A summer-session course that is essentially identical with a course offered

during the regular academic year is given the same number.

A summer-session course that is similar to a course offered during the regular academic year, but differs in some significant respect, is given the same number followed by "s".

A course offered during the summer session which does not parallel any course offered during the regular academic year is given a distinct number followed by "s".

Post-session courses which differ significantly from courses offered during the regular academic year are marked "ps" following the course number.

Forums and Lectures. A series of evening forums and lectures by visiting professors and prominent members of the University faculty will be an especially interesting and valuable feature of the session.

Institutes in Cooperation with Oregon State Teachers Association. In cooperation with the National Education Association, the Educational Policies Commission, and the Oregon State Teachers Association, four institutes will be held in connection with the summer sessions of the State System of Higher Education—at Eugene, Corvallis, Monmouth, and Portland. The tentative date is the week of July 10, following the N.E.A. meeting in San Francisco. The principal theme of each institute will be the definition of teaching as a profession and the clarification of educational purposes in a democracy. This will be discussed in particular application to Oregon. Among the speakers will be Chancellor Frederick M. Hunter of the Oregon State System of Higher Education; Miss Charl Williams of the National Education Association; and Superintendent Rex Putnam of the Oregon State Department of Education. Other speakers and participants in round tables and panels will be announced later. A special leaflet will be published giving the detailed program at each institute.

Murray Warner Collection of Oriental Art. The University Museum of Art, housing the notable Murray Warner Collection of Oriental Art, will be open to students during part of the summer session. Later announcements will indicate the exact 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 each afternoon.

Curriculum Conference. There will be a conference on curriculum problems during the six-week session. The program and exact dates of this conference will be announced later.

Summer Band, Choir, and Orchestra Institute. This summer, for the first time, there will be conducted a Band, Choir, and Orchestra Institute, during the four weeks from June 19 to July 14, inclusive. For a more detailed statement see page 39.

Field Trips. Several field trips will be conducted this summer in connection with the courses in geology and geography, under the leadership of Dr. Warren D. Smith. They will include visits to Mt. Hood, Crater Lake, the lava beds and the central Oregon area around Bend, the Oregon Caves, and the coast. Some of these trips will be conducted jointly with the Portland summer session, and on these occasions campus students will have the opportunity to enjoy the acquaintance and leadership of Dr. Laurence M. Gould, member of the First Byrd Expedition, who will offer courses in geology and geography in the Portland summer session. The field trips will be open also to persons not enrolled in geology or geography courses, and will offer an attractive addition to the recreation program outlined in the following statements.

Recreation. It is hoped that everyone who enjoys the outdoors will come prepared to take part in the recreational program which the University will sponsor. There will be hikes and picnics on week ends. During the session there will be a trip to the Three Sisters' region and a climb of one of the peaks. Students looking forward to this trip should bring outing clothes and stout hiking boots. Those not already in good trim will do well to take some of the earlier week-end trips to get in training for the mountain climb. It is suggested that students bring tennis racquets and golf clubs. There are splendid opportunities for these sports on the University campus and at the nearby links.

The Obsidian Club of Eugene has offered its hospitality to the students and faculty of the summer session for a series of trips into the mountains. The expense of these trips will be very low. Complete information will be available at the time

of registration.

An important factor in the University's recreational program is the new Physical Education Building. With Gerlinger Hall, which contains the women's gymnasium, the new building provides the University with integrated and modern facilities for the recreational program and for instruction in physical aducation.

Students testify that one of the most valuable parts of campus life at the summer sessions is the opportunity to meet and mix with fellow sudents and faculty members outside of the classroom. Because of smaller enrollment in the summer, members of the faculty have considerably more time to attend informal meetings and social functions, and to participate in sports and other recreational activities. Students are consequently able to come in closer contact with their instructors.

A very complete recreational program is being planned for the summer session. Besides the trips and hikes mentioned above, the program will include: picnics, golf, tennis, ping pong, outdoor volleyball, playground baseball, indoor evening games, horseback riding, canoeing, swimming, horseshoes, social dancing, and roller skating. Tournaments for students and faculty will be arranged in some of these sports.

Gymnasium Facilities. By paying a gymnasium and recreation fee of \$2.00 summer-session students may have the use of the swimming pools and the tennis courts*, together with lockers, towels, and soap. In case a student does not bring his own gymnasium outfit, the School of Physical Education will furnish a complete outfit except shoes. For this service men students must make a deposit of \$8.00, women students a deposit of \$10.00. At the close of the summer session, on the return of these gymnasium outfits, men will be refunded \$6.75, and women

^{*}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 ten cents per hour per player for use of the courts.

\$7.50. The service enables the student to have clean gymnasium clothes at all times; whenever the suit becomes soiled it may be turned in to the supply departmen and exchanged for a clean one. It is not necessary, however, to take advantage of the gymnasium-outfit service. Students may bring their own gymnasium outfits; those in charge at the gymnasium will take care of them for the \$2.00 fee.

Board and Room. Board and room for both men and women students will be available in the six residence halls of the John Straub Memorial Building, during the regular session. Students living in the halls during the summer must also board at the dining room. A room deposit of \$10.00 will be required of all students residing in the halls; this deposit will be returned at the end of the session, less deductions for loss or breakage. Blankets and bed linen, and the laundry of these items, are furnished by the halls; rooms are cleaned once a week. Students are required to make their own beds on other days. Students must furnish their own towels. Reservations for residence in the halls should be addressed to the Director of Dormitories, University of Oregon, Eugene.

Dormitory Rates. The cost of board and room in the halls of residence for the six-week summer session will be \$54.00 if the student occupies a single room, and \$47.00 if he shares a double room with another. Students not living in the halls may take their meals in the dormitory dining room for \$5.50 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. Suites of rooms, flats, and furnished cottages suitable for light housekeeping may also be secured, but should be arranged for well in advance, if possible. For information write to the Dean of Women, University of Oregon, Eugene.

The office of the Dean of Women in Gerlinger Hall will be open on Saturday afternoon and Sunday afternoon preceding the opening of the summer session to help students secure satisfactory living quarters.

Arrangements can usually be made for the care of small children while parents attend classes or avail themselves of recreational opportunities.

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

Placement Bureau. The School of Education maintains a Placement Bureau primarily to assist graduates of the University in securing suitable teaching positions. The services of this bureau are extended also to older teachers who have been connected with the University, including the students in the summer sessions. Every possible assistance is given to teachers seeking positions, and to superintendents looking for desirable candidates.

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

Extension Classes. The Oregon State System of Higher Education maintains an Extension Center in Portland, where during the three regular terms of the academic year more than one hundred night courses are offered by various

schools and departments of the University of Oregon, Oregon State College, and the Oregon normal schools. The Portland Extension Catalog for 1939-40 will be available in the office of the director of the summer sessions as soon as it is off the press. Extension classes are also organized in other cities of the state when there is sufficient demand.

Description of Courses

(For an explanation of the course numbering system see page 12.)

All classes meet daily unless otherwise explicitly stated. The hours noted following the title of each course represent the term hours of University credit which may be earned. Classes may be cancelled in case of insufficient enrollment or for other unavoidable cause.

Special attention is called to a faculty ruling 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 gradepoint average of 2.75 are required for honors privileges. The Director of Summer Session will furnish further information.

ANTHROPOLOGY

PROFESSOR CRESSMAN

Anth 448s. Field Work in Anthropology. (G) 3 to 6 hours.

Field camp in southeastern Oregon for the purpose of archaeological exploration and excavations. The nature of the culture discovered and its relation to those of the surrounding areas, and to the geology and geography of the area. Students interested in this field work should communicate with Professor L. S. Cressman, University of Oregon, Eugene.

ARCHITECTURE AND ALLIED ARTS

PROFESSOR VINCENT, ASSOCIATE PROFESSOR FRASIER, ASSOCIATE PROFESSOR ZANE

AA 290. 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 placed on creative design, with consideration of the technical problems of the painter. Laboratory fee, \$5.00. Daily, 1:00. 112 Architecture. Mr. Vincent.

AA 291. Drawing. 3 hours.

The study of drawing as a creative effort. Practice in selection and arrangement, working from figure, landscape, and other form sources. Laboratory fee, \$5.00. Daily, 8:00. 112 Architecture. Mr. Vincent.

AA 292. Composition. 3 hours.

Study of the relation of elements within the picture space in line and value. Intended to encourage and guide the creative faculty of the student. Time to be arranged. 112 Architecture. Mr. Vincent.

AA 296. Lower-Division Applied Design. 3 hours.

The study of color and abstract form, to develop an enterprising, unhackneyed approach to modern design in surface pattern and three-dimensional space by means of all kinds of material—graphite, tempera, oil color, screen process, glass, metal, paper, cork, wood, etc. Discussion of appropriateness of design to the various media, with demonstrations and executions of original designs by the students. Laboratory fee, \$5.00. Daily, 8:00-10:00. 202 Art. Miss Frasier.

AA 347s. History of Painting. 3 hours.

The origin and development of several types of creative impulse in painting which have come into prominence in our modern culture. Individual artists who have made special contributions are studied, among them, El Greco, Cezanne, Van Gogh, Gauguin, Rivera, and some contemporary Americans. Daily, 1:00. 107 Architecture. Mr. Zane.

AA 383. Interior Design II. 3 hours.

A practical course in interior design. Functional plan and the principles involved in the study of harmonizing colors, materials, and accessories in the home. Flower arrangement studied in its relation to interior design. The student is given opportunity to build in three-dimensional space, creating design by the use of actual material. Laboratory fee, \$5.00. Daily, 1:00-3:00. 107 Art. Miss Frasier.

AA 401s. Research or Other Supervised Original Work. Hours to be arranged.

Laboratory fee, \$5.00. Architecture.

AA 417s. Backgrounds of Art Appreciation. 3 hours.

A special study of the nature of the arts and their several functions in every-day life, followed by an intensive study of the pattern aspects of the arts, in terms of color, proportion, scale, textures, rhythm, balance. The work concludes with a study of composition, its purpose and standards. Lectures and demonstrations. Planned to aid the student in formulating studies in appreciation which will embody the most up-to-date developments in this field of education, and which will meet the local needs in the schools in which he may be required to teach. Daily, 8:00. 107 Architecture. Mr. Zane.

AA 495s. Basic Principles of Design. (G) 2 or 3 hours.

Fundamental studies in the production of decorative patterns. Problems in balance, rhythms, spacing, neutral tones, and color tones. The purpose of this course is to enable students to plan a series of design problems for the classroom, and to aid students in developing standards of practical criticism in the designer's art. Daily, 9:00. 101 Art. Mr. Zane.

AA 496. Upper-Division Applied Design. 3 hours.

Study of basic design and color; their modern application through the medium of block printing, dyeing, etc., to textile design, lampshades, and other forms. Laboratory fee, \$5.00. Daily, 10:00-12:00. 202 Art. Miss Frasier.

AA 501s. Research or Other Supervised Original Work. Hours to be arranged.

Laboratory fee, \$5.00. Architecture.

AA 503. Thesis. Hours to be arranged.

AA 505. Reading and Conference. Hours to be arranged.

ASTRONOMY

(See under Physics for description of course.)

BUSINESS ADMINISTRATION

ASSOCIATE PROFESSOR STILLMAN, ASSISTANT PROFESSOR RIDDLESBARGER

BA 111, 112, 113. Constructive Accounting. 3 hours for any one section.

An introduction to the field of accounting and business administration. Technique of account construction, and preparation of financial statements. Application of accounting principles to practical business problems, including a study of proprietorship from the standpoint of the single owner, the partnership, and the corporation. Required of majors and prerequisite to all advanced work in business administration. Daily, 8:00. 206 Commerce. Mr. Stillman.

BA 222. Elements of Finance. 3 hours.

A brief survey of financial institutions, with attention to the possible use of each by the business man. A further study of the financial problems involved in launching a business enterprise, expansion, budgetary control, borrowing, and management of earnings. Daily, 9:00. 8 Commerce. Mr. Riddlesbarger.

BA 401. Research. 1 to 3 hours.

Opportunity to do supervised individual work in some field of special application or interest. Subjects chosen must be approved by the major professor. 108 Commerce.

BA 416. Business Law. (G) 3 hours.

A general course in business law; application of fundamental principles to typical business situations illustrated by selected cases. Formation, interpretation, and discharge of contracts. The law of bankruptcy, insurance, and suretyship. Time to be arranged. 201 Commerce. Mr. Riddlesbarger.

BA 417. Business Law. (G) 3 hours.

The law of agency, the law of negotiable instruments, types of negotiable instruments, creation of negotiable instruments, consideration, delivery, rights and liabilities of parties, the law of real-property mortgages, landlord and tenant, and mechanics' lien law. Daily, 11:00. 8 Commerce. Mr. Riddlesbarger.

BA 501. Research. Hours to be arranged.

108 Commerce.

BA 503. Thesis. Hours to be arranged.

BA 507. Seminar.

Backgrounds of Business Education. 3 hours.

A study of some of the economic and social principles which serve as a background of business practices and philosophy, with especial emphasis upon the way in which such concepts fit into the philosophy and principles of accounting and bookkeeping. Daily, 10:00. 8 Commerce. Mr. Stillman.

DRAMA

ASSISTANT PROFESSOR ROBINSON, MR. NASH

Eng 141. The Speaking Voice. 3 hours.

Study and practice of the principles of tone production; the development of breath control, tone support, range, and resonance with freedom from nasality, harshness, and other abnormal qualities. Laboratory fee, \$2.00. Daily, 11:00. 4 Johnson, Mr. Nash.

Eng 145. Choral Reading. 2 hours.

Group practice in oral interpretation of various forms of English, with special emphasis on rhythm and tone quality. Development of the individual speaking voice in range, pitch, and quality. Of special value to grade teachers and directors of community recreational activities. Laboratory fee, \$2.00. MTuWTh, 2:00. 4 Johnson. Mr. Nash.

Eng 242. Interpretation. 3 hours.

Study and oral interpretation of poetry, drama, and narrative, with emphasis upon character analysis. Laboratory fee, \$2.00. Daily, 10:00. 4 Johnson. Mr. Nash.

Eng 247s. Principles of Acting. 3 hours.

A study and analysis of acting theory and its application. Practical exercises and individual instruction in acting. Special attention given to methods of teaching. Laboratory fee, \$2.00. Daily, 9:00. 103 Johnson, Mr. Robinson.

Eng 252. Introduction to the Theater Arts. 2 hours.

An introduction to the dramatic arts. Study of theater history. Analysis of design, craftsmanship, acting, playwriting, direction, criticism, management, as contributing factors in the theater. Appreciation of drama, motion picture, and radio play as art forms. MTuWTh, 11:00. 1 Johnson. Mr. Robinson.

Eng 346. Play Production. 3 hours.

Fundamentals of play production for directors and technicians of all types of producing groups. Analysis of play-selection problems, problems in organization, direction, make-up, costume, and staging. Special attention given to problems arising from inadequate staging facilities and small budgets. Laboratory fee, \$3.00. MWF, 1:00-3:00. 103 Johnson. Mr. Robinson.

ECONOMICS

PROFESSOR MORRIS, PROFESSOR CRUMBAKER (post session only), Dr. FAGAN

Ec 211. Outline of Economics. 3 hours.

A study of the principles that underlie production, exchange, and distribution. Practical problems, such as monetary and banking reform, regulation of international trade, taxation of land values, labor movements, regulation of railways, control of trusts, etc. Daily, 9:00. 106 Oregon. Dr. Fagan.

Ec 441. International Economic Policies. (G) 3 hours.

Economic problems originating in or aggravated by the World War, and the remedial policies proposed. The economic clauses of the Treaty of Versailles; reparations; interallied debts; economic activities of the League of Nations; international problems of the business depression and efforts at recovery. Daily, 8:00. 106 Commerce. Dr. Morris.

Ec 446. Economic Problems of the Pacific. (G) 3 hours.

Resources, trade, economic policies, and interdependence in the Pacific area, with special emphasis on the Far East. Daily, 9:00. 106 Commerce. Dr. Morris.

Ec 475. Economic Theory and Problems. (G) 3 hours.

An advanced course dealing with economic theories and their application to current economic problems, Daily, 11:00. 106 Oregon, Dr. Fagan.

Ec 501. Research in Economics. Hours to be arranged.

108 Commerce. Dr. Morris.

Ec 503. Thesis. Hours to be arranged.

Dr. Morris.

Ec 507. Economics Seminar. 3 hours.

A seminar in the field of public finance. Time to be arranged. 212 Oregon. Dr. Fagan.

POST SESSION

Ec 438. Government Control of Private Business. (G) 2 or 3 hours.

A survey of the general movement to subject business and personal and property rights to regulation by state or Federal agencies. An examination of legislation affecting: trusts and combinations, the issuance and marketing of securities, the operation of security and produce exchanges, the development of fair-trade practices; control under so-called national recovery agencies. Daily, 8:00. 106 Oregon, Dr. Crumbaker,

Ec 476. Economic Theory and Problems. (G) 2 or 3 hours.

Advanced study of economic theories and their application to current economic problems. The course deals chiefly with corporation finance. Daily, 10:00. 106 Oregon. Dr. Crumbaker.

Ec 501. Research in Economics. Hours to be arranged.

209 Oregon. Dr. Crumbaker.

Ec 503. Thesis. Hours to be arranged.

209 Oregon, Dr. Crumbaker.

EDUCATION

DEAN JEWELL, PROFESSOR HUFFAKER, PROFESSOR STETSON, PROFESSOR MACOMBER, PROFESSOR BECK, ASSOCIATE PROFESSOR LESTER F. BECK, ASSOCIATE PROFESSOR MOURSUND, ASSOCIATE PROFESSOR BEATTIE (post session only), ASSISTANT PROFESSOR BERNARD, Mr. ANDERSON, MISS CLASEY, DR. CRAWFORD, DR. GRIBELE, MISS RAYNER, MR. GHICHRIST

COURSES FOR HIGH-SCHOOL TEACHERS

The first three courses listed below are required for certification in nearly every state in the country. They are invariably prerequisites for the additional requirement of supervised teaching, and will consequently be of interest to under-

graduates whose professional courses in education have not been taken in the regular manner. Ed 311, 313, 316 must be taken by all normal-school graduates transferring to the University for major work in education, as must Ed 312 unless an equivalent course has been taken in normal school after a course in general psychology.

Ed 311. Secondary Education. 3 hours.

An extensive study of the problems of the high school from the standpoint of the teacher, involving a consideration of its aims, functions, and characteristics. Prerequisite: Psy 201, 202, or Psy 208, 209, or equivalent. Daily, 1:00, 4 Education. Mr. Anderson.

Ed 312. Educational Psychology. 3 hours.

A study of those phases of psychology which are basic to classroom procedure, including applications to teaching situations. Prerequisite: Psy 201, 202, or Psy 208, 209, or equivalent. Daily, 2:00. 4 Education. Mr. Anderson.

Ed 313. Principles of Teaching. 3 hours.

Applications of the laws of psychology to teaching; the significance of individual differences; the types of learning; aims and functions of secondary education; socialization; supervised study; measuring results. Prerequisite: Ed 312. Daily, 3:00. 4 Education. Mr. Anderson.

Ed 316. Oregon School Law and Oregon System of Education. 2 hours.

An analysis of the Oregon school system and the laws on which the system is based. Attention given to the problems of Oregon schools, plans proposed for their solution, the course of study, and trends in educational development in the state. MWF, 11:00. 105 Commerce. Mr. Gilchrist.

Ed 375s. Audio-Visual Aids in Education. 3 hours.

A survey of the merits and uses of classroom films, slides, and other visual aids. Attention given to the sources and selection of these materials. The classwork includes the operation of motion-picture projectors and allied equipment, previews of instructional films, individual projects, lectures and discussion. Daily, 8:00. 101 Physical Education. Dr. Beck.

Ed 426. Teaching of Public-School Music. 3 hours.

A particular study of school music for the junior and senior high school. Materials, subject matter, objectives, and procedures. A study of both girl and boy voices; choral materials and their use in group organizations; the presentation of a graded course in music literature from the listener's standpoint. Emphasis on integration. Daily, 9:00. Lecture Room, Music Building. Mrs. Beck.

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 determined and an individual program suited to the need of the 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 session begins. Children will meet in the University High School at 10:00 a.m. on Monday, June 12, for classification and assignments. Recitations will begin at 10:00 a.m. on Tuesday, June 13.

Children 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 special disabilities in reading. A maximum of 75 pupils will be admitted. A fee of \$10.00 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 409. Psycho-Educational Clinic. (G) Hours to be arranged.

Designed to meet the needs of students preparing for clinical work in the public schools. Opportunity is afforded for practice, under supervision, in diagnostic and remedial treatment of cases at the primary, elementary, high-school, and college levels; for individual work with those who have severe disabilities; for work with small groups of persons with slight difficulties; and for observation of remedial teaching of larger groups of children. Consent. Daily, 10:00-12:00, University High School; conference, TuTh, 4:00, 4 Education. Dr. Montgomery, Miss Rayner, Miss Clasey, Dr. Gribble.

Ed 444s. Remedial Reading. (G) 3 hours.

The psychological basis for teaching reading, typical reading difficulties and their causes; an evaluation of various diagnostic and remedial methods used in treating reading disabilities. Daily, 8:00. 4 Education. Dr. Montgomery, Miss Clasev.

Ed 465. Diagnostic and Remedial Techniques. (G) 3 hours.

A study of the difficulties in reading, spelling, and arithmetic found among atypical children at the primary- and elementary-school levels, and of the reading difficulties of high-school and college students. Techniques of diagnosis, including the administration and interpretation of mental and achievement tests; types of difficulties found at various levels; remedial procedures suitable for both individual and group instruction. Daily, 9:00. 2 University High School. Dr. Montgomery, Miss Rayner.

Ed 467. Hygiene of the Child. (G) 3 hours.

The factors of growth affecting the adjustment of the child to the school and its work; the facts and principles of growth; growth defects and disorders; environmental influences. Open to qualified upper-division students. Daily, 1:00. 2 Education. Dr. Bernard.

Ed 564. Mental Tests. 3 hours.

Designed to give teachers in the clinical field practical experience with psychometric tests; history and principles of mental tests; survey of the various kinds of tests (both language and performance) and of their value and use, especially in the schools; practice in giving, scoring, and interpreting group and individual mental tests. Prerequisite: Ed 312. Open to qualified seniors on consent of instructor. Daily, 2:00. 3 Education. Dr. Montgomery.

ADVANCED UPPER-DIVISION AND GRADUATE COURSES

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

Individual readings and conferences with members of the staff.

Ed 416. Measurement in Secondary Education. (G) 3 hours.

A study of the construction and desirable uses of various standard tests and scales for measuring achievement in secondary-school subjects. Such elements of statistical method taught as are necessary for intelligent use of the tests. Prerequisite: Ed 311, 312, 313 or equivalent. Daily, 3:00. 3 Education. Dr. Macomber.

Ed 454. History of Education. (G) 3 hours.

A general review of the growth and development of education and its relation to the civilization of the times; particular reference to educational philosophies of Plato, Aristotle, Renaissance educators, Commenius, Locke, Rousseau, Pestalozzi, Froebel, Herbart, Spencer, and Dewey. Prerequisite: Ed 311, 312, 313. Daily, 9:00. 3 Education. Dr. Jewell.

Ed 468. Hygiene of Learning. (G) 3 hours.

Those factors and conditions which make for mental development, including those which make for disintegration as well as those which make for integration. Open to qualified upper-division students. Prerequisite: Ed 311, 312, 313 or equivalent. Daily, 8:00. 3 Education. Dr. Bernard.

Ed 470s. Functional Education. (G) 3 hours.

Education conceived as the changing of the learner's behavior rather than as the storing up of information. Need of a fundamental curriculum revision. Guiding principles and specifications for this revision. Supervised work in the actual construction of functional course outlines and lesson plans. Intended for teachers, but available for administrators or supervisors who are interested in teacher improvement. Daily, 2:00. 2 Education, Dr. Crawford.

Ed 472. Basic Course in School Administration: Organization, School Buildings. (G) 3 hours.

Ed 472, 473, 474 constitute the administrative cycle required of all majors in school administration and prospective high-school principals. Ed 472 deals with problems of organization of both grade and high schools, with emphasis upon the problems of the small school. The program and its housing. Building utilization, requirements and construction. Prerequisite: Ed 311, 312, 313 or equivalent. Daily, 9:00. 2 Education. Dr. Huffaker.

Ed 474. Supervision. (G) 3 hours.

Leadership training in the improvement of instruction. Emphasis on the development of functional courses and teaching techniques. Laboratory work in the building of actual course outlines; experience in the techniques of committee work in teaching-learning situations. For administrators and supervisors. Students enrolling for this course are advised to take also Ed 470s. Major emphasis on the secondary level. Daily, 8:00. 2 Education. Dr. Crawford.

Ed 476. Administration of Small High School. (G) 3 hours.

Organization and operation of the local school examined in terms of the evaluative criteria developed by the Cooperative Study of Secondary School

Standards. Points of emphasis include: school philosophy, community and student needs, school objectives, the educational program, plant, staff, administrative functions and procedures, evaluation of outcomes. Students expected to learn the technique of evaluation and to develop plans for school betterment. Daily, 10:00. 2 Education. Mr. Stetson.

Ed 484. The Junior High School. (G) 3 hours.

The causes leading to the development of the junior high school; the special purposes and opportunities of this type of school; problems of organization and administration; curriculum building; provisions for individual differences; instruction; exploration and guidance; school activities. Typical junior high schools studied. Prerequisite: Ed 311, 312, 313. Daily, 10:00. 4 Education. Dr. Gribble.

Ed 486. Curriculum Construction. (G) 3 hours.

The problems of building junior and senior high-school curricula. Curriculum theories and policies since 1900; principles for selecting and organizing subject matter; courses of study in various fields; principles of curriculum organization; type programs; important studies in this field. Prerequisite: Ed 311, 312, 313 or equivalent. Daily, 11:00. 4 Education. Dr. Macomber.

Ed 487. Curriculum Laboratory. (G) Hours to be arranged.

Designed for those who, as individuals or members of curriculum-revision committees, are actively engaged in curriculum construction within the school system. Consideration given to the application of the most approved techniques of curriculum construction, and to such curriculum problems as the formulation of bibliographies, the selection of materials, the organization and writing of courses of study. Time to be arranged. University High School Auditorium. Dr. Macomber.

- Ed 501. Research. Hours to be arranged.
- Ed 503. Thesis. Hours to be arranged.
- Ed 505. Reading and Conference. Hours to be arranged.

 Individual readings and conferences with members of the staff.

Ed 511. Modern Educational Principles and Problems. 3 hours.

A general survey, at graduate level, of recent developments in all fields of education. Emphasis placed upon an evaluation of current trends in the various fields, and upon opportunities offered for specialization and service. Required of candidates for master's degree in education before the preliminary examination. Open to qualified senior majors upon consent of instructor. Daily, 1:00. 3 Education. Dr. Gribble.

Ed 512, Research Procedures and Thesis Writing. 3 hours.

The nature and procedures of research in education; the special techniques of thesis writing. Recommended for majors in education who are candidates for advanced degrees; open to graduate students majoring in other fields. Does not take the place of later individual supervision of theses. Prerequisite: graduate standing. Daily, 9:00. 4 Education. Mr. Stetson.

*Ed 515. Statistical Methods in Education, 3 hours.

Technique of quantitative and experimental methods; application of statistical methods to problems; correlation methods, regression equations, and determination of errors as employed in educational administration and research. Prerequisite: graduate standing or consent of instructor. Daily, 11:00. 2 Education. Dr. Moursund.

Ed 526s. The American Elementary School. 3 hours.

A study of the problems of the elementary school from the standpoint of administration, involving a consideration of aims, functions, and characteristics. Open only to candidates for the administrative credential. Daily, 10:00. 3 Education. Dr. Huffaker.

Ed 528. Philosophy of Education. 3 hours.

A study of the broad, fundamental principles and problems of education, with some attempt at their solution. The meaning of philosophy; the philosophy of education; principal rules and formulae; the value of a correct philosophy of education for the teacher and school administrator. Prerequisite: Ed 311, 312, 313 or equivalent, Daily, 11:00. 3 Education. Dr. Jewell.

Ed 561. Advanced Educational Psychology. 3 hours.

A discussion of the experimental material most useful and relevant to educational psychology. Open to graduate students with preliminary training in education and psychology. Daily, 3:00. 2 Education. Dr. Bernard.

POST SESSION

Ed 316. Oregon School Law and Oregon System of Education. 2 hours.

An analysis of the Oregon school system and the laws on which the system is based. Attention given to the problems of Oregon schools, plans proposed for their solution, the course of study, and trends in educational development in the state. Daily, 11:00. 3 Education. Mr. Beattie.

Ed 420. Adolescence: Growth and Development of the Individual. (G) 2 or 3 hours.

The process through which the normal human being reaches maturity, acquires effective use of his bodily equipment and learning capacity, and makes satisfactory personal and social adjustments. The important physical, mental, and moral changes natural to adolescence. Educational implications of recent studies in this field. Prerequisite: Ed 312 or equivalent. Daily, 9:00. 2 Education. Dr. Jewell.

Ed 457. Social Education. (G) 2 or 3 hours.

The structure and functioning of society as a background for the study and evaluation of education in its varied forms; the contribution of sociological principles and findings to the improvement of educational practices. Prerequisite: Ed 311, 312, 313 or equivalent. Daily, 8:00. 2 Education. Dr. Bernard.

Ed 473. Basic Course in School Administration: Finance. (G) 2 or 3 hours. A study of the major problems of financing education and computing the

cost of education. The problems of school revenues, the capital cost of education, budget making. Ed 311, 312, 313 or equivalent. Daily, 10:00. 2 Education. Dr. Huffaker.

^{*} Integrated with Elements of Statistics (Mth 337s).

Ed 475ps. Problems of the Elementary-School Principal. (G) 2 or 3 hours.

The major topics considered include: professional preparation; selection and status of the elementary principal; his relation to other administrative officers; administrative problems of attendance, discipline, health, and accounting; the administration of special activities within a school; the application of experience and sound principles to the improvement of teaching. Attention given to problems presented by members of the class as the outgrowth of their experience. Daily, 11:00. 2 Education. Dr. Gribble.

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

Nature and causes of problems in adolescent development and adjustment; explanation of case work in personnel; detailed study of procedures and techniques in case work; organization of personnel work; qualifications, training, and duties of personnel officers. Daily, 10:00. 3 Education. Dr. Gribble.

Ed 487. Curriculum Laboratory. (G) Hours to be arranged. For description see page 23. University High School Auditorium.

Ed 499. Units of Work. (G) 2 or 3 hours.

A curriculum course designed for secondary-school teachers and administrators who desire to gain experience in the planning and development of activity units. The educational principles on which this approach to the curriculum is based. Each student plans a unit of work in the particular area of the curriculum in which he is most interested. Daily, 8:00. 3 Education.

Ed 503. Thesis. Hours to be arranged.

Ed 505. Reading and Conference. Hours to be arranged.

Individual readings and conferences with members of the staff.

Ed 507. Education Seminar.

School Administration, 2 or 3 hours,

Dr. Huffaker.

Hygiene of Learning. 2 or 3 hours.

Dr. Bernard.

ENGLISH

Associate Professor Horn, Associate Professor Lesch, Associate Professor Moll, Assistant Professor Black, Mr. Van Aver, Dr. Wooderidge

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

From Beowulf to Milton. A survey of the chronological development of English literature from the Anglo-Saxon through the Elizabethan period. The equivalent of the first term of English Survey in the regular session. Daily, 9:00. 108 Villard. Dr. Black.

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

Beginning with the lyric poetry of the early seventeenth century, the course covers representative selections from Milton, Dryden, Pope, Swift, Defoe, Johnson, Goldsmith, Sheridan, and the classical poets of the eighteenth-century lyrical group. Literary development considered as a reflection of the intellectual, political, and social culture from the Elizabethan period to the nineteenth century. Daily, 9:00. 101 Villard. Dr. Horn.

Eng 103. Survey of English Literature (Third Term). 3 hours.

From Byron to the present. The course deals with the major figures and movements in this period, excepting the novel and the drama. Daily, 10:00. 103 Villard. Mr. Moll.

Eng 112. English Composition. 3 hours.

Adapted to the work of any one term during the regular session. Daily, 1:00. 108 Villard. Mr. Van Aver.

Eng 161. Survey of American Literature. 3 hours.

A survey of the major figures and movements in American literature. Satisfies the requirement for the teaching norm, and corresponds to the one-term course in American Literature given in the regular session. Daily, 8:00. 108 Villard. Dr. Black.

Eng 202. Shakespeare (Second Term). 3 hours.

A study of the following plays: Julius Caesar, Hamlet, King Lear, Othello, Twelfth Night, and As You Like It. Daily, 11:00. 14 Friendly. Dr. Lesch.

Eng 305. Reading and Conference. Hours to be arranged.

Eng 315s. Criticism. 3 hours.

A brief historical survey of the development of critical ideas and standards, followed by a discussion of various types of recent criticism. Daily, 10:00. 206 Villard. Dr. Woodbridge.

Eng 317s. Versification, 3 hours.

A study of the chief technical elements of English verse. Attention given to stylistic aspects of certain forms of poetry, e.g., the epic, the ballad, the lyric, and to some of the more important experimental work in English verse, especially of recent times. Daily, 11:00. 103 Villard. Mr. Moll.

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: Eng 111, 112, 113. Daily, 2:00. 108 Villard. Mr. Van Aver.

Eng 371. Main Tendencies in Contemporary Literature (First Term). 3 hours.

1900-1910. Edwardian liberalism and the attack on Victorian sentimentalism. Literature of ideas and scientific naturalism. Shaw, Wells, G. K. Chesterton, W. H. Hudson, Joseph Conrad, and others. Daily, 8:00. 101 Villard. Dr. Horn.

Eng 392. American Novel (Second Term). 3 hours.

A survey of the American novel during the second half of the nineteenth century, with detailed study of Twain, Howells, James, Crane, and others. Daily, 11:00. 108 Villard. Dr. Black.

Eng 395. Nineteenth-Century Poets (Second Term). 3 hours.

Reading of representative works of the major poets in the Victorian movement: Tennyson, Browning, Arnold, and others. Daily, 8:00. 206 Villard. Mr. Moll.

- Eng 403. Thesis for Honors Candidates. Hours to be arranged.
- Eng 414. Chaucer. (G) 3 hours.

Study of Chaucer's poetry, with emphasis on sources and forms. Daily, 10:00. 14 Friendly. Dr. Lesch.

Eng 433. Eighteenth-Century Literature (Third Term). (G) 3 hours.

The age of Johnson. The opposition of classical tradition and romantic impulses in the prose and poetry of Dr. Johnson, Boswell, Goldsmith, Gray, Collins, Cowper, Burns, and Blake. This course is the equivalent of the third term of Eighteenth-Century Literature given in regular session. Daily, 11:00. 101 Villard. Dr. Horn.

Eng 436. English Drama (Third Term). (G) 3 hours.

A study of tendencies in dramatic writing, beginning with Pinero. Representative English, Irish, and American plays from 1890 to the present. Daily, 9:00. 206 Villard. Dr. Woodbridge.

- Eng 501. Research. Hours to be arranged.
- Eng 503. Thesis. Hours to be arranged.
- Eng 527. Seminar in Elizabethan Drama (First Term). 3 hours.

Open to seniors. Problems in tragedy, with a consideration of sources and influences. Daily, 8:00. 14 Friendly. Dr. Lesch.

POST SESSION

Eng 203. Shakespeare (Third Term). 2 or 3 hours.

Macbeth, Antony and Cleopatra, Coriolanus, The Winter's Tale, Cymbeline, and The Tempest. This course is the equivalent of the spring term of Shakespeare given in the regular session. Daily, 10:00. 108 Villard. Dr. Black.

Eng 328. American Prose Writers. 2 or 3 hours.

A survey of American prose during the second half of the nineteenth century, including short-story writers, humorists, historians, naturalists, and philosophical essayists. Daily, 9:00. 108 Villard. Dr. Black.

Eng 372. Main Tendencies in Contemporary Literature (Second Term). 2 or 3 hours.

1910-1918. Georgian return to "nature" and naive realism. The flight from reality. Triumph of psychological and sociological realism. The World War. W. B. Yeats, de la Mare, Robert Bridges, John Masefield, Rupert Brook, A. E. Housman, Galsworthy, Bennett, Lytton Strachey. Daily, 9:00. 101 Villard. Dr. Horn.

- Eng 403. Thesis for Honors Candidates. Hours to be arranged.
- Eng 405. Reading and Conference. Hours to be arranged.
- Eng 415. Medieval Prose and Poetry. (G) 2 or 3 hours.

The study, by selections, of Chaucer's more immediate contemporaries: Wyclif, the *Pearl* poet, the poet of *Piers Plowman*, Gower, and Lydgate. Daily, 10:00. 14 Friendly. Dr. Lesch.

Eng 431. Eighteenth-Century Literature (First Term). (G) 2 or 3 hours. The rise and perfection of classical verse; the ethical school of Pope; the spirit of satire in Swift; realism and sentimentalism in the essays of Defoe, Addison, and Steel. Daily, 11:00. 101 Villard. Dr. Horn.

Eng 501. Research. Hours to be arranged.

Eng 503. Thesis. Hours to be arranged.

Eng 528. Seminar in Elizabethan Drama (Second Term). 2 or 3 hours.

A continuation in the study of Elizabethan tragedy. Emphasis on the later dramatists (1603-1625), and their experiments in form and subject matter. Daily, 8:00. 14 Friendly. Dr. Lesch.

GEOGRAPHY

PROFESSOR SMITH

Geo 405. Reading and Conference. Hours to be arranged. 105 Condon.

Geo 428. Geography of the Pacific. (G) 3 hours.

An intensive study of the Pacific Ocean and the countries immediately bordering it. A survey of the physical geography and natural resources of this area and, with this as a background, a discussion of the outstanding social, economic, and political problems which are in the foreground at the present time. Special emphasis on the Sino-Japanese War, the future status of the Philippine Islands, and many other problems in which the United States is vitally concerned. Lectures, discussion periods, and some laboratory work, particularly dealing with the physical and economic geography of the region. Daily, 8:00. 101 Condon.

Geo 505. Reading and Conference. Hours to be arranged. 105 Condon.

J Condon.

GEOLOGY

PROFESSOR SMITH

G 291. Introduction to the Geology of Oregon, 3 hours.

Special emphasis on the interpretation of earth features and their meaning, as illustrated in this state. Lectures, assigned reading, and regular field trips on week ends, to acquaint the student with some of the remarkable features of the geology of Oregon. Field trips to such regions as Crater Lake, Mt. Hood, the Bend area, the Oregon Caves, and the coast. (See page 13.) Reports by students taking these trips will be accepted in fulfillment of a portion of the required work in the course. Daily, 10:00. 101 Condon.

GERMANIC LANGUAGES AND LITERATURES

Assistant Professor Williams

GL 1s. Elementary German. 3 hours.

For students who wish to acquire quickly a reading knowledge of the language for scientific purposes or who wish to review the essentials. Students wanting to earn additional credits may continue by correspondence work. Daily, 8:00. 122 Friendly.

*GL 11. Elementary Norwegian. 3 hours.

Principles of grammar and the reading of easy prose. Time to be arranged, 101 Friendly.

*GL 21. Elementary Swedish. 3 hours.

Principles of grammar and the reading of easy prose. Time to be arranged. 101 Friendly.

GL 345. German Literature. 3 hours.

Reading and translation of authors from various periods. Open to secondand third-year students. Daily, 9:00. 122 Friendly.

GL 507. German Seminar. Hours to be arranged.

The amount of credit determined by the character and success of the work in each individual case. Time to be arranged, 101 Friendly.

HISTORY

Professor R. C. Clark (post session only), Associate Professor Fish, Associate Professor Ganoe, Dr. Hulme (post session only), Dr. Mazour, Dr. Strevey

Hst 342. Modern Europe, 1870-1914. 3 hours.

The history of Europe from 1870 to the outbreak of the World War. Daily, 8:00. 107 Oregon. Dr. Mazour.

Hst 372. History of the United States, 1850-1898. 3 hours.

Middle period, from the Compromise of 1850 to the War with Spain (1898). Emphasis placed upon the transition from agricultural to industrial society. Corresponds to the second term of History of the United States given on the campus during the regular session. Daily, 10:00. 4 Oregon. Dr. Strevey.

Hst 377. Oregon History. 3 hours.

Detailed study, largely from sources, of the building of civilization in the Pacific Northwest. Daily, 9:00. 105 Oregon. Dr. Ganoe.

Hst 405. Reading and Conference. 1 to 3 hours.

Individual conferences upon assigned reading in a special field, with a written report upon a selected topic. Oregon.

Hst 419. Great Historians. (G) 3 hours.

A study of the works of the great writers of history in modern times. Daily, 11:00. 5 Oregon. Dr. Fish.

Hst 456. Recent Germany. (G) 3 hours.

A comparative study of the Empire and the Republic; the political, economic, and cultural life of the German people since 1871. Daily, 10:00. 107 Oregon, Dr. Mazour.

^{*} Either GL 11 or GL 21 will be given, but not both.

- Hst 463s. Social and Cultural History of the United States. (G) 3 hours. Various aspects of civilization in the United States during the last half century. Daily, 11:00. 4 Oregon. Dr. Strevey.
- Hst 469. Twentieth-Century England. (G) 3 hours.

A study of recent social, political, economic, and intellectual changes in Great Britain. Daily, 9:00. 5 Oregon. Dr. Fish.

Hst 485. Constitutional History of the United States. (G) 3 hours. Constitutional interpretation and the development of the national government in the recent period. Daily, 10:00. 1 Oregon. Dr. Ganoe.

Hst 501. History Research. 2 or 3 hours.

A study of the methods of historical research and of the technique of history writing, with an assignment of a topic for research to be investigated and written up from original sources.

Hst 503. History Thesis. Hours to be arranged.

For graduate students engaged in preparing a thesis. Dr. Fish, Dr. Ganoe.

Hst 505. Reading and Conference. Hours to be arranged.

POST SESSION

Hst 377. Oregon History. 2 or 3 hours.

Detailed study, largely from sources, of the building of civilization in the Pacific Northwest. Daily, 8:00. 4 Oregon. Dr. Clark.

- Hst 405. Reading and Conference. Hours to be arranged. 3 Oregon.
- Hst 422. The Middle Ages. (G) 2 or 3 hours.

A study of Medieval Europe, with special attention to the twelfth and thirteenth centuries. Daily, 10:00. 4 Oregon. Dr. Hulme.

Hst 483. Constitutional History of the United States. (G) 2 or 3 hours. A study of the origin, drafting, and ratification of the Constitution of the United States. Daily, 9:00. 4 Oregon. Dr. Ganoe.

Hst 500. Historical Method. 2 or 3 hours.

A course preparatory to historical research and to the teaching of history. What history is, what it is for, what are its materials, what are its methods, what are its relations to neighbor studies; how to read history, how to study it, and how to write it. Dr. Hulme.

- Hst 501. History Research. Hours to be arranged.
 - 3 Oregon, Dr. Clark.
- Hst 503. History Thesis. Hours to be arranged.
 - 3 Oregon, Dr. Clark.
- Hst 505. Reading and Conference. Hours to be arranged.
 - 3 Oregon, Dr. Clark.

IOURNALISM

ASSISTANT PROFESSOR HULTEN

J 360. General Journalism. 3 hours.

A foundation in journalism for a beginner on a newspaper, for a high-school adviser of student publications, or for the teacher of a course in journalistic writing in an English department. Practical experience afforded by work on The Summer Sun. Previous training not required; but student should be able to write good standard English. Daily, 8:00. 104 Journalism.

J 405. Reading and Conference. Hours to be arranged.

106 Journalism.

J 420. Law of the Press. (G) 3 hours.

Libel, literary property (including copyright), freedom of press and statutory restrictions on that freedom, postal regulations. For the professional writer and radio worker as well as the journalist. Daily, 10:00. 104 Journalism.

LATIN

ASSISTANT PROFESSOR LANDROS

Lat 1. Beginning Latin. 4 hours.

A course covering the first term's work of the regular course in First-Year Latin. Daily, 1:00; and two hours to be arranged, 218 Friendly.

Lat 314. Ovid: The Metamorphoses. 3 hours.

Translation of the more familiar myths in the *Metamorphoses*. Comparative treatment of these myths in English and other literatures. Required for minor norm. Daily, 2:00. 218 Friendly.

Lat 505. Reading and Conference. Hours to be arranged.

Translation from *De Rerum Natura*. Survey of the system of naturalism. 218 Friendly.

LAW

DEAN MORSE, ASSISTANT PROFESSOR HARTWIG, ASSISTANT PROFESSOR O'CONNELL (post session only)

The 1939 summer session of the University of Oregon School of Law will be divided into two terms: a first term of six weeks beginning June 12 and ending July 21, and a second term of four weeks from July 24 to August 18.

In the selection of courses, provision has been made for students who desire to begin the professional study of law, as well as for advanced students. During the first term, beginning law students may register for the courses in Criminal Procedure (L 417) and Insurance (L 440); during the second term, beginning students may enter the courses in Rights in Land (L 420) and Domestic Relations and Persons (L 446).

In arranging the 1939 summer schedule the School of Law has cooperated with the graduate faculty of the University by selecting a group of courses which are of special interest to advanced and graduate students in political science, economics, sociology, education, journalism, business, history, and psychology. All of the law courses carry graduate credit; special assignments will be given to graduate students from other departments of the University who register in any of the courses.

Students who have completed satisfactorily at least two years of work in an approved college or university will be admitted to the School of Law. The summer term is a particularly advantageous time to begin the study of law. The classes are not as large as during the regular term, and more attention can be given to the problems of the individual student.

Students in law in the summer session pay the regular summer-session fee,

plus a course fee of \$4.00 for each course taken each term.

A catalog containing general information concerning the School of Law and rules and regulations relative to admissions and degrees will be mailed upon request. For further information address: Dean, University of Oregon School, of Law, Eugene, Oregon.

L 417. Criminal Procedure. (g) 3 hours.

The course deals principally with the following topics: jurisdiction, venue, methods of initiating prosecution, arrest, extradition, preliminary hearing, bail, grand juries, indictment, arraignments, and trial and proceedings subsequent to verdict. Special attention is given to the American Law Institute's Model Code of Criminal Procedure and to various research reports on criminal-procedure reform. Mikell, Cases on Criminal Procedure. Fee, \$4.00. Daily, 9:00. 311 Fenton, Mr. Morse.

L 440. Insurance. (g) 3 hours.

The doctrines of law applicable to the more important branches of the insurance business, treated from the standpoint of their relations to economic functions, business practices, and other social institutions. Types of insurance organizations; state supervision and control of the insurance business; the interests protected by insurance; property insurance; life insurance; the insurable interest; the selection and control of risk; warranties, representations, concealment; the distribution of insurance coverage and service; the making of the contract; waiver, estoppel; elections; the adjustment of insurance claims. Patterson, Cases and Materials on Insurance. Fee, \$4.00. Daily, 8:00. 311 Fenton. Mr. Hartwig.

L 441. Constitutional Law. (g) 3 hours.

Written and unwritten constitutions. The adoption and amendment of constitutions; the relations between the Federal and state governments; the legislative, executive, and judiciary; the states and territories; the individual and the government. Evans, Cases on Constitutional Law (3rd edition). Fee, \$4.00. Daily, 11:00. 311 Fenton. Mr. Morse.

L 482. Taxation. (g) 3 hours.

The power to tax; purposes for which taxes may be levied; distribution of the tax burden; jurisdiction to tax persons, property, and inheritance; taxation of property; inheritance and estate laws; income taxes; franchise and excise taxes; collection of taxes; taxpayer's remedies. Rottschaeffer, Cases on Taxation (2nd edition). Fee, \$4.00. Daily, 10:00. 311 Fenton. Mr. Hartwig.

L 501. Legal Research. 1 to 3 hours.

Students desiring to register for this course must secure special permission from the dean. Credit given for the preparation of a meritorious paper dealing with an approved legal research problem. Research papers need not be completed during the summer term. Fee, \$4.00. 219 Fenton.

POST SESSION

L 420. Rights in Land. (g) 2 hours.

An introduction to the law of real property. The common law of estates; reversions and remainders; the Statute of Uses; rights in land; easements; profits a prendre; licenses; covenants running with the land; surface and percolating waters; natural watercourses; lateral support. Bigelow, Cases on Rights in Land (2nd edition). Fee, \$4.00. Daily, 9:00. 311 Fenton. Mr. O'Connell.

L 446. Domestic Relations and Persons. (g) 2 hours.

Rights, duties, liabilities, and privileges existing in the relationships of parent and child, infancy, husband and wife, marriage, divorce, and separation. Special attention to conflicts between the law of domestic relations and the theories and findings of sociologists and psychologists relative to the family institution. Madden, Cases on Domestic Relations. Fee, \$4.00. Daily, 11:00. 311 Fenton. Mr. O'Connell.

L 501. Legal Research. 1 or 2 hours.

Students desiring to register for this course must secure special permission from the dean. Credit given for the preparation of a meritorious paper dealing with an approved legal research problem. Research papers need not be completed during the summer term. Fee, \$4.00. 219 Fenton.

LIBRARY METHODS

Assistant Professor Rise, Assistant Professor Castord, Mrs. Baker, Miss Hollis, Miss Horton

In addition to the regular courses listed below there will be during the summer session a number of informal talks on various aspects of library service, and opportunities for conferences with well-known librarians. Miss Marion Horton, B.L.S., City School Library, Los Angeles, will be on the campus for about ten days during July to serve as consultant and lecturer. Miss Horton has taught with great success in several summer sessions of the University of Oregon. It is planned, also, to bring several other experienced librarians to the campus for addresses during the summer.

Eng 381. Elementary Reference Work. 3 hours.

A study of the important reference books and tools used in small libraries and in elementary and high schools. Instruction will be based on *Use of Books and Libraries* (University of Minnesota Library, 1936). Lectures supplemented by practical problems to give the student facility in the use of the more important reference tools. Daily, 9:00. 150 Library. Miss Casford.

Eng 382. Book Selection and Evaluation. 3 hours.

Designed to provide a general survey of the best books and authors, old and new, in various fields of writing and to interpret and apply principles and standards for judging them. Consideration is given to the best aids to book selection. Students are given practice in book reviewing and annotation. Daily, 11:00. 150 Library. Miss Rise.

Eng 383s. Books for School Libraries. 3 hours.

Standards for selecting books to enrich the secondary-school curriculum and to appeal to individual reading interests—evolved from study of bibliographies and discussion of books read by individuals in the class. Daily, 10:00. 304 Library. Miss Hollis.

Eng 384. School-Library Administration. 3 hours.

Emphasis on the vital service the library can render in even the small school through careful organization and planning, the training of student assistants, and the problems of individual libraries. Daily, 8:00. 304 Library. Miss Hollis.

Eng 385s. Library Practice, Reading and Conference. 2 to 4 hours.

A laboratory course with one lecture a week and 14 hours of practical work in the various departments of the University Library. Open only to students who have had 18 hours in library courses. Monday, 3:00. 304 Library.

Eng 386s. Cataloging: Study of the Card Catalog. 3 hours.

Instruction in making a dictionary catalog in simplified form, suitable for small public libraries and school libraries. Direction in class followed by actual cataloging of books likely to be found in school libraries. Shelf-listing on cards, rules for filing, ordering, and adapting Library of Congress cards. Daily, 2:00-5:00. 150 Library. Mrs. Baker.

Eng 387s. Classification and Subject Headings. 3 hours.

A practical course for librarians in small public libraries and school libraries. Practice in classification of books according to the Decimal classification and in the selection of appropriate subject headings from Sear's list of subject headings. Daily, 1:00. 150 Library. Mrs. Baker.

Eng 388s. Children's Literature. 3 hours.

A survey course intended to give an understanding and appreciation of the best literature for children of all ages. Includes the reading and examination of a few of the best books of the various classes and types for the purpose of establishing standards of selection. Daily, 1:00. 304 Library. Miss Casford.

MATHEMATICS

ASSOCIATE PROFESSOR MOURSUND

Mth 105s. Elementary Analysis. 3 hours.

An introduction to differential and integral calculus, combined with elements of college algebra. Recommended as a preparatory course for the study of statistics. Prerequisite: one and one-half years of high school algebra, or consent of the instructor. Daily, 8:00. 206 Deady.

Mth 200s, 201s, 202s. Analytical Geometry and Calculus. 3 to 9 hours.

A standard course for students in the physical, biological, and social sciences. Prerequisite: plane trigonometry. Daily, 9:00. Other hours to be arranged. 206 Deady.

MUSIC

Mth 333. Elements of Modern Geometry. 3 hours.

Geometry of the triangle and circle, based on high-school plane geometry. Valuable for geometry teachers and required for the minor teaching norm. Prerequisite: some work in college mathematics or consent of the instructor. Daily, 10:00. 206 Deady.

*Mth 337s. Elements of Statistics. 3 hours.

An introductory course in statistical method covering the following topics: graphical and tabular presentation of numerical data, frequency distributions, normal probability curve, averages, dispersion, skewness, linear correlation, and regression. This course or Mth 325, 326 is a prerequisite for applied statistics courses. Prerequisite: one term of college mathematics or consent of the instructor. Daily, 11:00. 2 Education.

MUSIC

Assistant Professor Artau, Professor Beck, Professor McGrew, Professor Young, Professor Underwood, Assistant Professor Stehn, Miss Allen, Miss Conaway, Mr. Gould, Mr. Loney, Mr. Sorenson

The summer offerings in music are unusually extensive. Private instruction in practically any subject offered during the regular session will be available. The courses offered are listed below under Public-School Music, Summer Band and Orchestra Institute, and Theory and Practice of Music. Classes will be organized in any of the courses listed under Theory and Practice of Music if the registration is sufficient to warrant. If there is not sufficient enrollment for an organized class, the student may, through private lessons, complete one term's work in any desired course.

Classes and private work are given in the splendidly equipped building of the School of Music. There are ample facilities for private practice at very reasonable rates.

Concerts. During the past three summer sessions a series of concerts has been given in the School of Music Auditorium and in the Garden Theater. Last summer the University Summer Session presented: the Portland Civic Theater in an outdoor performance of Maeterlinck's "Pelleas et Melisande," music by Debussy; Virginia Card, soprano, and Ernest Wolff, composer pianist, in joint recital; and Tihmar and Jarnac, dancers. For the summer of 1939 a series of concerts at popular prices is again planned. In addition the Summer Band and Orchestra Institute proposes to present a series of Sunday evening concerts.

Special Students. The summer is an excellent time for review and for intensive study along the line of special musical interests. For students interested in work of this kind, individual coaching will be offered in most of the musical subjects. The nature, intensity, and extent of such work will be determined after consultation with the instructor in charge. Students receiving summer coaching will not be required to register as regular students. Unless they register, of course, they will not receive University credit. But a statement showing the nature and extent of coaching will be issued to the student.

^{*} Integrated with Statistical Methods in Education (Ed 515).

Supplementary Fees for Class and Private Instruction. Supplementary fees for class and private instruction will be charged for all courses in music except Formal Analysis (Mus 419) and courses listed under Public-School Music.

All Organized Classes (except public-school music courses—Mus 128, 318, Ed 426—and Formal Analysis, Mus 419)	\$15.00
*Group Instruction in Piano (Mr. Artau)	
Class	15.00 85.00
*Group Instruction in Voice (Mme. McGrew)	15.00
†Cello (Miss Conaway)	
One private half-hour lesson per week, outside assignments	9,00 18.00
†Clarinet and French Horn (Mr. Stehn)	
One private half-hour lesson per week, outside assignments	9.00 18.00
†Flute and Saxophone (Mr. Sorenson)	
One private half-hour lesson per week, outside assignments	9.00
Two private half-hour lessons per week, outside assignments	18.00
†Obos or Bassoon (Miss Allen)	
One private half-hour lesson per week, outside assignments	9.00 18.00
†Cornet, Baritone and Trombone (Mr. Loney)	
One private half-hour lesson per week, outside assignments	9.00
Two private half-hour lessons per week, outside assignments	18.00
Organ (Mr. Gould)	
One private half-hour lesson per week, outside assignments	20.00 35.00
Piano (Mr. Artau)	
One private half-hour lesson per week, outside assignments	20.00
Two private half-hour lessons per week, outside assignments	85.00
Public-School Music Voice Class (Mme. McGrew)	15.00
Structure and History of Music (Mr. Artau)	
One private half-hour lesson per week, outside assignments	20.00
Two private half-hour lessons per week, outside assignments	85.00
†Violin (Mr. Underwood)	
One private half-hour lesson per week, outside assignments	9.00 18. 00
Voice (Mme. McGrew, Mr. Young)	
One private half-hour lesson per week, outside assignments	20.00 85.00
Practice-Room Fee	
One hour daily practice	2.00

For further information address Louis Artau, Summer Session, School of Music, University of Oregon, Eugene, Oregon.

PUBLIC-SCHOOL MUSIC

Mus 128. Appreciation of Music. 2 hours.

A course designed to create and stimulate the enjoyment of good music through its relations to the facts and experiences of life. Of special interest to teachers of music in the junior and senior high school. Valuable also to others. Daily, 11:00. Lecture Room, Music Building. Mrs. Beck.

^{*} Not less than four persons to a group.
† High-school students or others enrolled for four-week institute will pay \$6.00 for one private half-hour lesson per week and \$12.00 for two private half-hour lessons per week.

Mus 318. Public-School Music. 3 hours.

Methods and materials usable in the grades. A study of work units, with emphasis on the social and creative phases. Daily, 8:00. Lecture Room, Music Building. Mrs. Beck.

*Ed 426. Teaching of Public-School Music. 3 hours.

A particular study of school music for the junior and senior high school. Materials, subject matter, objectives and procedures. A study of both girl and boy voices; choral materials and their use in group organizations; the presentation of a graded course in music literature from the listener's standpoint. Emphasis on integration. Daily, 9:00. Lecture Room, Music Building. Mrs. Beck.

THEORY AND PRACTICE OF MUSIC

In addition to private work in piano, organ, voice, violin, and other stringed instruments, interested students will be offered the opportunity of making up deficiencies in the various courses in the structure and history of music. Opportunities will also be available to the student who may wish to complete a term's work in any of the courses regularly scheduled during the year. Any of this work may be taken privately from any member of the instructional staff in structure and history of music. It should be understood that classes cannot be formed unless the registration warrants. Unless otherwise indicated, the fee for each course is \$15.00. Students may register for the particular term's work desired. Hours of recitation will be arranged to fit the student's schedule.

Mus 111, 112, 113. Elementary Harmony. 3 to 9 hours.

A study of the commonly accepted facts and beliefs concerning such musical materials as scales, chords, intervals, etc., and their application to musical thinking, understanding, and composition.

Mus 114, 115, 116. Elementary Analytical Counterpoint. 2 to 6 hours.

Designed to acquaint the student with the contrapuntal mode of expression, and to contribute to his understanding of harmony through a knowledge of the origins of the principal chord concepts. While the work will be largely analytical (the inventions, partitias, and simple fugues of Bach being used as texts), attention will be given to a study of good voice leading and to the significance of vertical cross sections of simultaneously uttered melodic figures.

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

Individual instruction in piano, voice, organ, violin, cello.

Mus 191s. Lower-Division Group Instruction (Piano). 1 to 2 hours.

During the past few years it has become increasingly evident that piano study in groups, supplemented by periods of individual instruction, is not only feasible, but is actually productive of superior results. Technique, interpretation, and repertoire are of vital interest to all serious-minded piano students; and these notions may be properly presented by the ordinary classroom methods of lecture and recital. By these means, interest is enhanced, time conserved, and a great saving in expense made possible. In this course, technique is con-

This course is a continuation of Teaching of Public-School Music (Ed 338), given in previous summers.

sidered largely from the harmonic standpoint; useful practice figures are derived from chords by rhythmic expansion. Interpretation is based upon structural analysis, harmonic and melodic content, and tradition. In general, the aim is to show that technique and interpretation are not only mutually helpful, but that they are absolutely inseparable. The student is provided with a musically motivated technical equipment which will be continuously useful.

Mus 191. Lower-Division Group Instruction (Voice). 2 hours.

Mme. McGrew, Mr. Young.

Mus 211, 212. Intermediate Harmony. 3 to 6 hours.

A continuation of Elementary Harmony (Mus 111, 112, 113). Increased chord vocabulary; special consideration of foreign tones; modulation and analysis. Prerequisites: Mus 111, 112, 113.

Mus 213. Elementary Formal Analysis. 3 hours.

A study of the figure, motive, section, phrase, and period. The simple song forms. Some consideration of the larger forms, such as the sonata, concerto, and symphony. The works of Haydn, Mozart, Beethoven, Mendelssohn, etc., will be used as texts.

Mus 351. Public-School Music Voice Class. 2 hours.

Objectives: (1) to develop the singing voices of the members of the class; (2) to acquaint them with the vocal theory underlying the treatment of voices in the grade and junior high schools, with special emphasis on the treatment of monotones and the changing voice; and (3) to study the problems of the high-school voice class and of the high-school glee club. Fee, \$15.00. Mme. McGrew.

Mus 390. Upper-Division Individual Instruction. ½ to 2 hours.

Mus 391s, Upper-Division Group Instruction (Piano), 1 to 2 hours.

Mus 391. Upper-Division Group Instruction (Voice). 2 hours.

Mme. McGrew.

Mus 405. Reading and Conference. 1 to 3 hours.

Intended for advanced students with high scholastic standing and ability. Directed readings with conference hours arranged. (No student may register for Reading and Conference without first securing the approval of Mr. Artau.)

Mus 419. Formal Analysis. (G) 3 hours.

The musical architecture of the free style; the career of the motive as influenced by the phrase, period, and form; the song forms, developed ternary forms, etc. Texts: the sonatas of Haydn, Mozart, Beethoven, Schumann, Brahms, etc. A practical course for those wishing to know the basis of interpretation. No fee. Mr. Artau.

Mus 422, 423, 424. History of Music. (G) 2 to 6 hours.

Primitive music and musical instruments. A survey of the musical literature of the classical period; the relation of musical expression to other movements of the period. Romanticism as it finds expression in music; a survey of the literature and a study of the composers. Mr. Artau.

Mus 425, 426, 427. Music of the Eighteenth Century. (G) 2 to 3 hours.

A detailed study of the music of the eighteenth century in the light of the literary, historical, and artistic background of the period of Gluck, Handel, Bach, Haydn, Mozart, etc. Lectures, assigned reading. Prerequisite: Mus 422, 423, 424; or equivalent working knowledge of musical history and analysis of musical forms. Mr. Artau.

Mus 505. Reading and Conference. 1 to 3 hours.

Intended for graduate students only. Time to be arranged. (No student may register for Reading and Conference without first securing the approval of Mr. Artau.)

Mus 590. Practical Artistry. 1 to 3 hours.

To be admitted to this course, the student must possess a technique adequate to the needs of the classical, romantic, and modern schools; must have completed the required undergraduate work for a B.M. degree; and must show promise of being able to demonstrate by public performance the beauty and cultural value of the tonal masterpieces. (No student may register for Practical Artistry without first securing the approval of Mr. Artau.)

SUMMER BAND, CHOIR, AND ORCHESTRA INSTITUTE

Assistant Professor Stehn, director; Professor Underwood, Mr. Sorenson, Miss Aasen, Miss Allen, Miss Conaway, Mr. Dungan, Mr. Loney

During the four weeks from June 19 to July 14, inclusive, there will be held a Band, Choir, and Orchestra Institute on the University campus. The purposes of this Institute are: (1) to provide an educational and recreative summer school for high-school musicians (boys and girls), and (2) to offer supervisors and directors of music opportunities for study and observation in various phases of public-school music.

High-school students enrolled in the Institute will participate in daily rehearsals of the band, orchestra, or chorus, or any two of these activities; in daily sectional rehearsals; in bi-weekly periods of group or ensemble instruction; and

in weekly concerts. There will be ample provision for recreation.

The registration fee for high-school students will be \$10.00, which will include the summer-session recreation fee. Those desiring private instruction should consult Mr. Stehn, the director. Fees for such instruction are indicated on page 36.

Students attending the Institute will be housed in the University dormitories. The cost of board and room for the four weeks will be \$36.00 if the student occupies a single room, and \$31.50 if he shares a double room with another student. A room deposit of \$10.00 will be required; but this deposit, less deductions for loss and breakage, will be refunded at the close of the Institute.

Supervisors and directors of music who desire credit for work in connection with the Institute must enroll for the entire six weeks of the regular summer session and pay the regular fees indicated in this Catalog. Those wishing merely to observe the work of the four-week Institute may enroll as auditors. The following courses, in addition to those listed on preceding pages, will be offered for the benefit of music supervisors and directors attending the Institute. Special course fees will be charged for Mus 190 and Mus 390 only.

For additional information concerning the Institute, address Mr. John Stehn, School of Music, University of Orecon, Eugene, Orecon.

*Mus 190. Lower-Division Individual Instruction. ½ to 2 hours.

Individual instruction in orchestra instruments and band instruments.

Mus 214, 215, 216. String Choir. 2 hours.

A study of the string section of the orchestra, with particular emphasis on the violin. Mr. Underwood, Miss Conaway, Miss Aasen.

Mus 217, 218, 219. Woodwind and Brass Choir. 2 hours.

A practical study of the wind instruments. Mr. Stehn, Mr. Loney, Mr. Sorenson, Miss Allen.

Mus 320, 321, 322. Conducting and Instrumentation. 2 hours.

A study of transposition, instrumentation, conducting. Mr. Underwood.

Mus 323, 324, 325. Band Conducting and Repertoire. 2 hours.

Members of the class conduct numbers from the standard band repertoire, as well as numbers suitable for public-school bands. Prerequisite: playing knowledge of a band instrument, Mr. Stehn.

Mus 337, 338, 339. Choral Literature. 1 hour.

A study of the literature suitable for the various types of high-school choral groups—glee clubs, acapella chorus, and small ensembles, Mr. Loney.

Mus 354, 355, 356. Band Arranging. 2 hours.

Special emphasis on compositions and arrangements for school bands of various degrees of advancement. Mr. Stehn.

Ed 415. Supervised Teaching. 3 hours.

Open to a limited number of properly qualified students approved by the School of Music and the School of Education.

*Mus 390. Upper-Division Individual Instruction. ½ to 2 hours.

Individual instruction in orchestra instruments and band instruments.

PHILOSOPHY

DR. GOMPERZ

Phl 203. Introduction to Philosophy. 3 hours.

Some problems of valuation and conduct. A reading and discussion of Plato's. *Republic* in translation, with discussion of its ethical and social implications for our times. Daily, 11:00. 205 Friendly.

Phl 405. Reading and Conference. Hours to be arranged.

Ph1 444s. Philosophy of Thought and Action. (G) 3 hours.

Some philosophical problems arising out of the limits of cognitive knowledge and the exigencies of action. Philosophical, psychological, and pedagogical implications of the Kantian distinction between pure and practical reason. Daily, 9:00. 205 Friendly.

Phl 505. Reading and Conference. Hours to be arranged.

^{*} For fees for individual instruction see schedule above.

PHYSICAL EDUCATION

Professor Knollin, Assistant Professor Hoyman, Miss Eastburn, Mr. Johns, Miss Paasikivi, Mr. Ray

(Students enrolling in PE 180, 190, 380, 324s, 331, 333s are required to pay the \$2.00 gymnasium and recreation fee.)

With its new Physical Education Building, the School of Physical Education of the University of Oregon now has integrated and ample facilities for its instructional and recreational program. Gerlinger Hall provides excellent facilities for physical education for women.

The new building, located on the west side of the University's play fields and conveniently near to Gerlinger Hall, is divided into two units. The north unit contains offices, classrooms, and study halls for the School of Physical Education. The south unit, the men's gymnasium, connects directly with McArthur Court, the Associated Students' athletic center. This unit contains two activity rooms, each as large as a standard gymnasium, special rooms for boxing, wrestling, apparatus work and tumbling, weight lifting, restricted exercise, and courts for handball and squash. A large enclosed space with an earth floor serves as an indoor play field during wet weather. Locker and shower rooms are on the lower floor of the north unit.

The new building is not merely a "gymnasium." It is a teaching plant for University instruction. There are classrooms for lectures and discussions, and facilities for demonstrations. All the activity rooms have blackboards and bulletin boards.

The entire building is planned as a laboratory for the professional training of major students. In addition to classrooms and activity rooms and equipment, there is a seminar room and a study room for graduate students. A special feature of the building is an upper corridor with windows through which professional students may observe class instruction in the activity rooms without disturbing the classes.

NONPROFESSIONAL COURSES

(May be used as service courses to fulfill the University requirement.)

PE 180. Elementary and Advanced Physical Education.

Elementary Swimming (Women). 1 hour.

Instruction in the fundamental swimming strokes and skills for nonswimmers. Emphasis will be placed upon individual instruction, in order that each student may acquire sufficient skill to enjoy swimming. Daily, 2:00. Gerlinger Pool. Miss Paasikivi.

Golf (Men and Women). 1 hour.

Instruction in golf fundamentals; use of wood and iron clubs; rules and etiquette. Group instruction and individual criticism. Preliminary instruction and play on Laurelwood Golf Course. No previous experience is necessary. A minimum greens fee will be charged. Section 1: Daily, 8:00. Miss Eastburn. Section 2: Daily, 4:00. Mr. Ray.

Badminton (Men and Women). 1 hour.

Designed to teach fundamental strokes, skills, strategy, and care of equipment. Daily, 8:00. Gerlinger, Miss Paasikivi.

PE 190. Elementary and Advanced Physical Education.

Swimming (Men). 1 hour.

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. Daily, 3:00. Men's Pool. Mr. Johns.

Tennis (Men and Women). 1 hour.

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. Mr. Johns.

PE 380. Physical Education for Juniors and Seniors.

Intermediate Swimming (Women). 1 hour.

This course is designed for swimmers who wish to perfect their swimming and diving. Particular emphasis will be placed upon individual instruction, with the aim of assisting each swimmer to acquire greater skill in the particular phase of swimming in which she is interested. Daily, 3:00. Gerlinger Pool. Miss Paasikivi.

Modern Dance (Men and Women). 2 hours.

A course designed to develop an understanding of the modern dance, its techniques, its rhythmic training devices, and its compositional tools. Daily, 4:00 to 5:30. Gerlinger. Miss Paasikivi.

PROFESSIONAL COURSES

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

PE 324s. Rhythmic Activities. 3 hours.

Practical methods and materials for teaching rhythmic activities for rhythmic programs at the elementary- and secondary-school levels. Daily, 9:00. Gerlinger. Miss Paasikivi.

PE 331. Physical-Education Laboratory. 2 hours.

Methods and materials useful in making up physical-education programs for boys. MTh., 2:00-4:00. Physical Education. Mr. Ray.

PE 331. Physical-Education Laboratory. 2 hours.

A practical course designed to teach activities and the techniques of teaching activities; useful in making up physical-education programs for girls. Daily, 2:00. Gerlinger. Miss Eastburn.

PE 333s. Playground and Community Recreation. 3 hours.

The planning of a program of physical activities which can be used as part of the extracurricular program. Principles and organization of the program. Games adaptable to noon-hour and after-school programs. Daily, 3:00. 121 Gerlinger. Miss Eastburn.

PE 343. Physical-Education Theory (Elementary). 3 hours.

A selected unit of work from the Physical-Education Theory core which carries the following description in the year catalog: "A comprehensive core organized to focus all phases of the health and physical-education cur-

riculum upon the professional functions of physical education. These functions are emphasized in training for competence in such aspects of physical education as intramural sports, recreation, teaching methods and programing, equipment, plant and field problems, and interschool activities. These units, with other important materials, are all organized into an integrated instructional core extending through the entire junior and senior years." This unit will integrate with PE 341s, offered in the summer of 1938. Daily, 11:00. 122 Physical Education. Mr. Johns.

PE 358s. First Aid. 3 hours.

Lectures and demonstrations in first-aid treatment for injuries, electric shock, and water first aid. This is the standard course leading to American Red Cross first-aid certificates. Daily, 1:00. 69 Physical Education. Mr. Knollin.

PE 363. School Health Education (Elementary). 3 hours.

A selected unit of work from the School Health Education core which carries the following description in the year catalog: "A comprehensive core in the materials and methods of school health education in its three phases of health service, health supervision, and health instruction. Such functional knowledges and skills as school nutrition, safety education, social hygiene, history of preventive medicine, control of infection in schools, health examinations, normal diagnosis (including special orthopaedic growth deviations), and health-survey procedures are selected to prepare the student as a health teacher and a health counselor for the Oregon high schools. These units and other important materials are organized into an integrated instructional core which extends through the entire junior and senior years." This unit will integrate with PE 361s, offered in the summer of 1938. Daily, 10:00. 116 Physical Education. Mr. Hoyman.

PE 446. Physical-Education Theory (Advanced). 3 hours.

For description see under PE 343. This unit will integrate with PE 444s, offered in the summer of 1938. Daily, 10:00. 122 Physical Education. Mr. Johns.

Z 451. Anatomy and Physiology of Exercise. (g) 3 hours.

A study of functional human anatomy for graduate students in physical education, based on demonstration dissections and lectures. Open to qualified graduate students in other fields. Prerequisite: one year of biological science and graduate standing. MF, 8:00-10:00; and W, 8:00-9:00. 107 Deady. Dr. Alderman.

PE 466. School Health Education (Advanced). 3 hours.

For description see under PE 363. This unit will integrate with PE 464s, offered in the summer of 1938. Daily, 11:00. 116 Physical Education. Mr. Hoyman.

PE 475s. Organization and Administration of Intramural Sports and Physical-Education Programs. 3 hours.

Lectures and discussions covering the purposes and principles of an intramural and physical-education program, and the relation of intramurals, physical education, and athletics. Relation to out-door movements, Boy Scouts, etc. The study of organization and administration of programs suitable for junior and senior high-school and college levels. Each student will have an opportunity to construct a program suitable to his own teaching situation, Daily, 9:00. 122 Physical Education, Mr. Ray.

PE 503. Thesis. Hours to be arranged.

Mr. Hoyman, Mr. Knollin.

PE 505. Reading and Conference. Hours to be arranged.

Mr. Hoyman, Mr. Knollin.

PE 506. Problems in Health and Physical Education. Hours to be arranged.

Selected problems in the field of physical education or health education for graduate students who wish to do advanced work in either of these fields. Mr. Knollin, Mr. Hoyman.

PE 507s. Seminar in Recreation. 3 hours.

TuF, 2:00-4:00. 118 Physical Education. Mr. Ray.

PE 551s. Administration of Physical Education. 3 hours.

Study of the organization and administration of physical education, health education, and recreation; their functions within a school program, their organization, and correlation with the remainder of the school program; equipment and building needs for each; relative and proportionate costs of these programs. (Courses offered under Administration and Organization titles which deal with daily programs do not cover the materials of this course.) MTh, 2:00-4:00. 118 Physical Education. Mr. Knollin,

POST SESSION

PE 503. Thesis. Hours to be arranged.

PE 506. Problems in Health and Physical Education. 2 or 3 hours.

A study of selected problems in the field of physical education or health education.

PE 507. Seminar. Hours to be arranged.

PHYSICS

PROFESSOR CASWELL (post session only), Professor Norris, Mr. John E. Caswell

(Students registering for courses Ph 201, Ph 202, and Ph 203 are advised to register for one hour of General Physics Laboratory with each of these courses.)

Ph 201. General Physics. 3 hours.

This course consists essentially of the lectures, recitations, and problem work of the first term of the course in General Physics given in the regular academic year. It deals principally with the properties of matter, and with mechanics from the experimental standpoint. First three weeks. Daily, 9:00-11:00. 105 Deady. Dr. Norris.

Ph 201 Lab. General Physics Laboratory. 1 hour.

The laboratory work given during the first term of the regular course in General Physics. Laboratory fee, \$3.00 per credit hour. Ten afternoons, 1:00-4:00. 101 Deady. Mr. John E. Caswell.

Ph 202. General Physics. 3 hours.

Continuation of Ph 201. Covers the second term's lectures, recitations, and problem work. Deals principally with the simpler experimental parts of heat and electricity. Second three weeks. Daily, 9:00-11:00, 105 Deady, Dr. Norris.

Ph 202 Lab. General Physics Laboratory. 1 hour.

The laboratory work given during the second term of the regular course in General Physics. Laboratory fee, \$3.00 per credit hour. Ten afternoons, 1:00-4:00. 101 Deady. Mr. John E. Caswell.

Ph 211, 212, 213. Advanced General Physics. 3 to 9 hours.

Intensive treatment of such topics as rigid dynamics, periodic motion, thermodynamics and molecular theory, electrical instruments, alternating currents, electron physics, geometrical and physical optics. For students planning to major in one of the physical sciences or in engineering. Laboratory fee, \$3.00. Daily, 11:00. 103 Deady. Dr. Norris.

POST SESSION

Ph 203. General Physics. 3 hours.

Continuation of Ph 201 and Ph 202. The third term's lectures, recitations, and problem work. Wave motions and sound, electromagnetic waves, including light and X rays, interference and diffraction, spectra, atom models, and relativity. First three weeks. Daily, 9:00-11:00. 105 Deady. Dr. Caswell.

Ph 203 Lab. General Physics Laboratory. 1 hour.

To accompany Ph 203, the third term's work in General Physics. Laboratory fee, \$3.00 per credit hour. Ten afternoons, 1:00-4:00. 101 Deady. Mr. John E. Caswell.

Ph 207. Descriptive Astronomy. 2 hours.

Covers the more important points relating to the heavenly bodies, especially the solar system. Descriptive rather than mathematical in character. Approximately one-third of the class periods will be devoted to observational work. Textbook: Duncan's Astronomy. Daily at 11:00 or in evening. 103 Deady. Dr. Caswell.

POLITICAL SCIENCE

PROFESSOR BARNETT

PS 201. American National Government. 3 hours.

The national government, with special attention to practical operation and contemporary reforms. Daily, 9:00. 107 Oregon.

PS 202. State and Local Government. 3 hours.

The state and local governments, with special attention to practical operation and contemporary reforms in Oregon, Daily, 11:00. 107 Oregon.

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

310 Fenton.

PS 501. Research. Hours to be arranged.

310 Fenton.

PS 505. Reading and Conference. Hours to be arranged. 310 Fenton.

PSYCHOLOGY

PROFESSOR TAYLOR, DR. SEASHORE, DR. DASHIELL (post session only)

Psy 305. Reading and Conference. Hours to be arranged.

For students desiring to do work, not otherwise available, on well-defined problems in particular fields of psychology. 305 Condon. Dr. Taylor.

Psy 421s. Systematic Psychology. (G) 3 hours.

The principal contributions of the several points of view and specialized fields of psychology, organized with reference to a basic outline of the major interests, problems, and methods of psychology as a whole. Structuralism, functionalism, psychoanalysis, behaviorism, Gestalt, etc., are considered as convergent trends in the systematic development of psychology. Prerequisite: a course in general psychology. Textbook: R. S. Woodworth, Contemporary Fields of Psychology. Daily, 9:00. 301 Condon. Dr. Seashore.

Psy 437s. Applied Psychology. (G) 3 hours.

A survey of the major applications of psychological findings and methods to related arts, sciences, industry, and everyday life. Prerequisite: a course in general psychology. Textbook: Griffith, *Applied Psychology*. Daily, 11:00. 301 Condon. Dr. Seashore.

Psy 501. Research. Hours to be arranged.

Original work on a special problem of advanced nature.

Psy 503. Thesis. Hours to be arranged.

Thesis work, required of all candidates for advanced degrees.

Psy 507. Seminar. 3 hours.

Motor Psychology.

Individual differences in manual and athletic performances. Experimental analyses of the nature and interrelations of motor abilities compared with experiments on other types of ability and with theories of personality. The study of abilities is coordinated with the psychology of learning and the applied science of motion study. Open to graduate students and advanced undergraduate students. Dr. Seashore.

Psychological Problems of Guidance and Counseling.

Study of psychological tests and procedures as a means of discovering human potentialities and interests. 305 Condon. Dr. Taylor.

POST SESSION

Psy 423ps. Systematic Psychology. (G) 2 or 3 hours.

Recent developments in psychological theory. The views of Lewin, Spranger, Jaensch, Klages, Stern, Hull, and others, especially in regard to the understanding of personality. Significant rapprochements in these various points of view emphasized. Daily, 9:00. 301 Condon. Dr. Dashiell.

Psy 501. Research. Hours to be arranged.

Psy 503. Thesis. Hours to be arranged.

Psy 507. Seminar. 2 or 3 hours.

Psychology of Thinking. Survey of studies of abstraction, generalization, problem solving, inspiration, and invention as psychological processes. The role of imagery, of language, and of motor processes. Student reports from the experimental literature in various journals. Daily, 11:00. 301 Condon. Dr. Dashiell.

PUBLIC SPEAKING

ASSISTANT PROFESSOR DAHLBERG

Eng 130. Extempore Speaking. 3 hours.

Study of the elementary problems that confront the speaker, such as the selection of a subject, development of the speech purpose, and the organization of the speech material. Attention to bodily action, poise and flexibility, purity and variety in the use of the voice. Members of the class give short talks before the other members present. Daily, 9:00. 101 Physical Education.

*Eng 231. Persuasion. 3 hours.

A course intended for those who are interested in extending their influence when before an audience. Attention to such phases as: psychology of audiences; the prestige of the speaker; characteristics of various audiences; principles of attention as applied to speech situations; motivation; the principles underlying the response of audiences to the speaker and his ideas. Application of the principles studied in short talks before the class. Daily, 10:00. 101 Physical Education.

*Eng 330. Public Address. 2 hours.

This course is intended primarily for business and professional men and women. Attention to actual problems that arise in the daily lives of teachers, principals, superintendents, and business men and women. Study of the more finished forms of public address; composition; characteristics of the oral style; adaptation of the various materials to the requirements of different forms of address and different audience situations, such as the grange, the service club, community groups, church groups, etc. The various types of address: the forensic address, the deliberative address, the conventional address, the sermon, the lecture. Application of the principles discussed in an extended address before the class. MTuWTh, 10:00. 101 Physical Education.

Eng 334. Oral English for Teachers. 3 hours.

A course designed to aid the teacher to acquire poise, flexibility, and confidence in the physical and vocal aspects of presenting materials to a class, clarity in the organization of materials, and ability to gain and sustain interest. Improvement in personal effectiveness sought through class criticism and instruction. Problems encountered by the teacher in the presentation of lessons. Presentation of lesson plans and expositions, oral readings, informal talks. Daily, 8:00. 122 Physical Education.

^{*} Either Eng 231 or Eng 330 will be given, but not both.

ROMANCE LANGUAGES

MR. ELLIS, DR. ROWBOTHAM

FRENCH

RL 1. First-Year French. 4 hours.

The purpose of the course is to give the student training in the principles of elementary French grammar, pronunciation, and reading. The class meets seven hours per week, and completes the work of the first term of RL 1, 2, 3 as given during the regular academic year. The remaining eight hours of the sequence may be completed through correspondence study if desired. Daily, 9:00; and MW, 2:00, 111 Friendly. Mr. Ellis.

RL 4. Second-Year French. 4 hours.

Grammar review, pronunciation, and the reading of various texts. The purpose of the course will be to develop the student's ability to read French of average difficulty with ease and accuracy. Covers the work of the first term of RL 4, 5, 6. The work of the second and third terms may be completed by correspondence if desired. Daily, 10:00; and TuTh, 2:00. 111 Friendly. Mr. Ellis.

RL 313s. French Literature: Living Authors. 3 hours.

A careful study of several outstanding French works in class, and collateral reading outside with written reports. This course may be substituted for the third term of third-year French Literature as given in the regular academic year. Daily, 1:00. 111 Friendly. Dr. Rowbotham.

RL 405. Reading and Conference. Hours to be arranged. Friendly, Dr. Rowbotham,

RL 503. Thesis. Hours to be arranged.

Friendly. Dr. Rowbotham.

RL 505. Reading and Conference. Hours to be arranged. Friendly. Dr. Rowbotham.

SOCIOLOGY

PROFESSOR PARSONS (post session only), PROFESSOR JAMESON

Soc 206. Social Interaction. 3 hours.

The nature of contacts and reciprocal give-and-take processes among the various groups and types of human beings; analysis of the development of social personality. Special attention to the study of social processes; problems of antagonistic and friendly interactions of the racial, national, occupational, administrative, age, sex, religious, and educational groupings; Oriental and Occidental interactions, with reference to social factors contributing to conflicts and cooperations, and the consequent results upon the interacting persons and groups. Daily, 8:00. 206 Oregon. Dr. Jameson.

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

204 Oregon. Dr. Jameson.

Soc 421. Principles of Social Legislation. (G) 3 hours.

An historical and critical analysis of the programs of legislative control in the fields of social welfare. Daily, 10:00. 206 Oregon. Dr. Jameson.

Soc 501. Social Research. Hours to be arranged.

204 Oregon. Dr. Jameson.

Soc 503. Thesis. Hours to be arranged.

204 Oregon, Dr. Jameson.

POST SESSION

Soc 405. Reading and Conference. Hours to be arranged.

203 Oregon, Dr. Parsons.

Soc 464ps. Contemporary Problems Involving Social Institutions. (G) 2 or 3 hours.

A study of the problems created by the faulty functioning of the social institutions which are primarily concerned with preserving and transmitting moral and social traditions. Daily, 9:00. 206 Oregon. Dr. Parsons.

Soc 501. Social Research. Hours to be arranged.

203 Oregon. Dr. Parsons.

ZOOLOGY

ASSISTANT PROFESSOR ALDERMAN

BiS 101s. Biological-Science Survey. 3 hours.

Elementary study of the fundamental principles of biology as they apply to both plants and animals. Daily, 10:00. 201 Deady.

Z 313. Elementary Human Physiology, 3 hours.

A study of the principles of human physiology, dealing largely with the physiology of health and disease. Daily, 2:00. 201 Deady.

Z 451. Anatomy and Physiology of Exercise. (g) 3 hours.

A study of functional human anatomy for graduate students in physical education, based on demonstration dissections and lectures. Open to qualified graduate students in other fields. Prerequisite: one year of biological science and graduate standing. MF, 8:00-10:00; and W, 8:00-9:00. 107 Deady.

Schedule of Courses and Rooms

SIX-WEEK SESSION

JUNE 12—JULY 21

This schedule is subject to such minor changes as exigencies arising before the opening of the summer session may necessitate. Before registering, therefore, students should secure the registration manual, which will contain the final schedule. The number in parentheses after the name of the course indicates the credit hours.

Eight o'Clock	
Course	nstructor Room
ART AA 291. Drawing (3) AA 296. Lower-Division Applied Design (8) 8:00-10:00 AA 417s. Backgrounds of Art Appreciation (3) BUSINESS ADMINISTRATION	Vincent
BA 111, 112, 113. Constructive Accounting (8-9)	Stillman 206 Commerce
Economics Ec 441. International Economic Policies (3) (G)	Morris 106 Commerce
EDUCATION Ed 875s. Audio-Visual Aids in Education (8) Ed 444s. Remedial Reading (3) (G) Ed 468. Hygiene of Learning (8) (G) Ed 474. Supervision (3) (G) ENGLISH	Beck 101 Physical Educ. Montgomery, Clasey 4 Educ. Bernard 8 Education Crawford 2 Education
Eng 161. Survey of American Literature (3)	Black 108 Villard
(First Term) (8)	Horn
Term) (8)	Lesch 14 Friendly
GEOGRAPHY Geo 428. Geography of the Pacific (3) (G)	Smith 101 Condon
GL 1s. Elementary German (3)	Williams 122 Friendly
History Hst 342. Modern Europe, 1870-1914 (3)	Mazour 107 Oregon
JOURNALISM J 360. General Journalism (3)	Hulten 104 Journalism
LAW L 440. Insurance (8) (g) LIBRARY METHODS	Hartwig811 Fenton
Eng 384. School-Library Administration (3)	Hollis 804 Library
MATHEMATICS Mth 105s. Elementary Analysis (3)	Moursund 206 Deady
MUSIC Mus 318. Public-School Music (3) PHYSICAL EDUCATION	Beck Music
PE 180. Golf (1)	EastburnLaurelwood Golf Course
PE 180. Badminton (1) PE 180. Tennis (1) Z 451. Anatomy and Physiology of Exercise (3) (g) MF at 8:00-10:00 and W at 8:00-9:00 PUBLIC SPEAKING	Paasikivi Gerlinger Johns Univ. Courts
(g) MF at 8:00-10:00 and W at 8:00-9:00	Alderman 107 Deady
Eng 334. Oral English for Teachers (8)	Dahlberg 122 Physical Educ.
Soc 206. Social Interaction (3)Zoology	Jameson 206 Oregon
Z 451. Anatomy and Physiology of Exercise (3) (g) MF at 8:00-10:00 and W at 8:00-9:00	Alderman 107 Deady
Nine o'Clock	
AA 495s. Basic Principles of Design (2-3) (G)	Zane 101 Art
BUSINESS ADMINISTRATION BA 222. Elements of Finance (3)	Riddlesbarger 8 Commerce
Eng 247s. Principles of Acting (3)	Robinson 103 Johnson
Ec 211. Outline of Economics (3) Ec 446. Economic Problems of the Pacific (3) (G) EDUCATION	Fagan 106 Oregon Morris 106 Commerce
Ed 426. Teaching of Public-School Music (3) Ed 454. History of Education (3) (G) Ed 465. Diagnostic & Remedial Techniques (3) (G)	Beck Music Jewell SEducation Montgomery, Rayner 2 Univ. High
Ed 472. Basic Course in School Admin. (3) (G) Ed 512. Research Procedures and Thesis Writing (3) ENGLISH	Montgomery, Rayner
Eng 101. Survey of English Literature (First Term) (3) Eng 102. Survey of English Lit. (Second Term) (3) Eng 436. English Drama (Third Term) (3) (G) GERMANIC LANGUAGES AND LITERATURES GL 345. German Literature (3)	Black
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Course	Instructor Room
History Hst 377. Oregon History (8)	Ganoe 105 Oregon Fish 5 Oregon
LAW L 417. Criminal Procedure (3) (g)	Morse 811 Fenton
LIBRARY METHODS Eng 381. Elementary Reference Work (3) MATHEMATICS	
Mth 200s, 201s, 202s. Analytical Geometry & Calculus (3-9)	Moursund 206 Deady
Ed 426. Teaching of Public-School Music (3)PHILOSOPHY	Beck Music
PhI 444s. Philosophy of Thought and Action (3) (G)	Gomperz 205 Friendly
PHYSICAL EDUCATION PE 324s. Rhythmic Activities (8)	Paasikivi Gerlinger
Sports (8)	Ray 122 Physical Educ.
Ph 201. General Physics (3) 9:00-11:00	Norris 105 Deady Norris 105 Deady
POLITICAL SCIENCE PS 201. American National Government (3)	Barnett 107 Oregon
Psychology Psy 421s. Systematic Psychology (3) (G)	Seashore 301 Condon
Public Speaking Eng 130, Extempore Speaking (8)	Dahlberg 101 Physical Educ.
ROMANCE LANGUAGES RL 1. First-Year French (4) and MW at 2:00	Ellis 111 Friendly
Ten o'Clock	
ART AA 496. Upper-Division Applied Design (8)	
10:00-12:00	
BA 507. Seminar: Backgrounds of Business Educ. (8) DRAMA	
Eng 242. Interpretation (8) EDUCATION	Nash 4 Johnson
Ed 409. Psycho-Educational Clinic (G) 10:00-12:00 and TTh at 4:00	Montgomery, Rayner, Clasey, GribbleUniv. High
Ed 476. Admin. of Small High School (3) (G)Ed 484. The Junior High School (3) (G)	Stetson 2 Education
Ed 526s. The American Elementary School (8)	Gribble
Eng 103. Survey of English Literature (Third Term) (8)	Moll
Eng 315s. Criticism (3) Eng 414. Chaucer (3) (G) GEOLOGY	Lesch 14 Friendly
G 291. An Introduction to the Geology of Oregon (8)	Smith 101 Condon
Hat 372. History of the ILS. 1850-1898 (3)	Strevey 4 Oregon Mazour 107 Oregon
Hst 456. Recent Germany (3) (G)	Ganoe 1 Oregon
J 420. Law of the Press (3) (G)LAW	Hulten 104 Journalism
L 482. Taxation (8) (g)	Hartwig 811 Fenton
Eng 383s. Books for the School Libraries (3)	Hollis 804 Library
Mth 833. Elements of Modern Geometry (3)	Moursund 206 Deady
PE 363. School Health Educ. (Elem.) (8) PE 446. Physical Educ. Theory (Adv.) (8) PUBLIC SPEAKING	Hoyman 116 Physical Educ. Johns 122 Physical Educ.
Eng 231. Persuasion (3) or Eng 330. Public Address (2)	Dahlberg 101 Physical Educ.
Romance Languages RL 4. Second-Year French (4) and TuTh at 2:00	
SOCIOLOGY	
Soc 421. Principles of Social Legislation (8) (G)	
DID 1018, Diological-Science Survey (8)	Aucritian 201 Deady

Eleven o'Clock	
•	Instructor Room
BUSINESS ADMINISTRATION BA 417. Business Law (8) (G) DRAMA	Riddlesbarger 8 Commerce
Eng 141. The Speaking Voice (3)	Nash
ECONOMICS Ec 475. Economic Theory and Problems (3) (G) EDUCATION	Fagan 106 Oregon
Ed 316. Oregon School Law & Oregon System of of Education (2) MWF. Ed 486. Curriculum Construction (3) (G) Ed 515. Statistical Methods in Educ. (3) Ed 528. Philosophy of Education (3)	Gilchrist
Eng 202. Shakespeare (Second Term) (8) Eng 317s. Versification (3)	Lesch
(8) (G)	Horn 101 Villard
History Hst 419. Great Historians (8) (G) Hst 463s. Social and Cultural History of the United States (3) (G)	Fish 5 Oregon Strevey 4 Oregon
Law	
L 441. Constitutional Law (3) (g) LIBRARY METHODS Eng 382. Book Selection and Evaluation (3)	Morse
MATHEMATICS	
Mth 837s. Elements of Statistics (8)	Moursund 2 Education
Mus 128. The Appreciation of Music (2)PHILOSOPHY	Beck Music
Phl 208. Intro. to Philosophy (8)PHYSICAL EDUCATION	Gomperz 205 Friendly
PE 343. Physical-Education Theory (Elem.) (3)	Johns 122 Physical Educ. Hoyman 116 Physical Educ.
Ph 211, 212, 218. Adv. General Physics (8-9)	Norris 103 Deady
POLITICAL SCIENCE PS 202. State and Local Government (8) PSYCHOLOGY	Barnett 107 Oregon
Psy 437s. Applied Psychology (3) (G)	Seashore 801 Cordon
One o'Clock	
ART	
AA 290. Painting (3) AA 347s. History of Painting (3) AA 383. Interior Design II (3) 1:00-3:00	Vincent
DRAMA Eng 346. Play Production (8) MWF, 1:00-8:00	Robinson 103 Johnson
Ed 311. Secondary Education (3) Ed 467. Hygiene of the Child (3) (G) Ed 511. Modern Educational Principles and	Anderson4 Education Bernard 2 Education
Problems (8)	Gribble 8 Education
ENGLISH Eng 112. English Composition (3) LATIN	Van Aver 108 Villard
Lat 1. Beginning Latin (4) 2 other hours to be arranged	Landros 218 Friendly
Library Methods Eng 387s. Classification and Subject Headings (3) Eng 388s. Children's Literature (3)	Baker 150 Library Casford 804 Library
PHYSICAL EDUCATION PE \$58s. First Aid (3) PHYSICS	Knollin 69 Physical Educ.
Ph 201 Lab. General Physics Lab. (1) 1:00-4:00	John Caswell 101 Deady John Caswell 101 Deady
ROMANCE LANGUAGES RL 313s. French Literature (8)	

Two o'Clock	•
	nstructor Room
DRAMA Eng 145. Choral Reading (2) MTuWThEDUCATION	Nash 4 Johnson
EDUCATION Ed 312. Educational Psychology (3) Ed 470s. Functional Education (3) (G) Ed 564. Mental Tests (3)	Anderson
Eng 324. English Composition for Teachers (8)LATIN	Van Aver 108 Villard
Lat 314. Ovid: The Metamorphoses (3)	Landros 218 Friendly
LIBRARY METHODS Eng 386s. Cataloging (3) 2:00-5:00 PHYSICAL EDUCATION	Baker 150 Library
PE 1810 Elementary Swimming (Women) (1) PE 331. Physical-Educ. Lab. (2) MTh, 2:00-4:00 PE 331. Physical-Educ. Lab. (2) PE 507s. Seminar in Recreation (3) TuF, 2:00-4:00 PE 551s. Admin. of Physical Educ. (3) MTh, 2:00-4:00 ROMANGE LANGUAGES	Paasikivi Gerlinger Pool Ray Physical Educ. Eastburn Gerlinger Ray 118 Physical Educ. Knollin 118 Physical Educ.
RL 1. First-Year French (4) MW and 9:00 daily	Ellis 111 Friendly
Z 313. Elementary Human Physiology (3)	Alderman 201 Deady
Three o'Clock	
EDUCATION Ed 318. Principles of Teaching (3)	Anderson
Eng 385s. Library Practice, Reading and Conference (2-4) Monday PHYSICAL EDUCATION DESIGN OF THE PROPERTY (11)	Staff 804 Library
PHYSICAL EDUCATION PE 190. Swimming (Men) (1) PE 380. Intermediate Swimming (Women) (1) PE 338s. Playground and Community Recreation (3)	Johns Men's Pool Paasikivi Gerlinger Pool Eastburn 121 Gerlinger
Four o'Clock	
EDUCATION Ed 409. Psycho-Educational Clinic (G) TuTh at 4:00 and 10:00-12:00 daily	Montgomery, Rayner, Clasey, Gribble 4 Education
PHYSICAL EDUCATION PE 180. Golf (1) PE 380. Modern Dance (2) 4:00-5:30	Ray Laurelwood Golf Course Paasikivi Gerlinger
Time to be Arranged	
ART AA 292. Composition (3) AA 401s. Research AA 501s. Research AA 503. Thesis AA 505. Reading and Conference BUSINSSS ADMINISTRATION	Vincent 112 Architecture Staff Architecture Staff Architecture Staff Architecture Staff Architecture Staff Architecture
BA 401. Research (1-3) BA 416. Business Law (3) (G) BA 501. Research BA 503. Thesis ECONOMICS	Staff
Ec 501. Research in Economics Ec 503. Thesis Ec 507. Economics Seminar (3) EDUCATION	Morris
Ed 405. Reading and Conference Ed 487. Curriculum Laboratory (G) Ed 501. Research Ed 503. Thesis Ed 505. Reading and Conference	Staff Education Macomber Univ. High Staff Education Staff Education Staff Education
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Course	nstructor	Room
English	· .	
Eng 305. Reading and Conference	Staff	Villard
Eng 403. Thesis for Honors Candidates	Staff	Villard
Eng 501. Research	Staff	
Eng 503. Thesis	Staff	Villard
GEOGRAPHY		
Geo 405. Reading and Conference	Smith 105 (
Geo 505. Reading and Conference	Smith 105 (Condon
GERMANIC LANGUAGES AND LITERATURES		
GL 11. Elementary Norwegian (8) or		
GL 21. Elementary Swedish (8)	Williams 101 F	riendly
GL 507. German Seminar	Williams 101 F	riendly
HISTORY	•	
Hst 405. Reading and Conference (1-8)	Staff	Oregon
Hst 501. Research (2-3)	Staff	Oregon
Hst 503. Thesis	Fish, Ganoe	Oregon
Hst 505. Reading and Conference	Staff	
Journalism		
J 405. Reading and Conference	Hulten 106 Jour	nalism
LATIN	Transcer	
Lat 505. Reading and Conference	Landros 218 F	viendiv
LAW	Danatos	Lichary
L 501, Legal Research (1-3)	Staff 219	Fenton
Ригозорну	DMIL	
Phl 405. Reading and Conference	Comparz F	vier dly
Phl 505. Reading and Conference		
PHYSICAL EDUCATION	Gompera	ittidiy
PE 503. Thesis	Hoyman.	
I E 000. I Hesis	Knollin Physical	Tdna
PE 505. Reading and Conference	Hoyman.	Euuc,
1 19 000. Iterating and Contenence	Knollin Physical	Educ
PE 506. Problems in Health and Physical Education	**	
1 10 000. I loblems in Health and I hysical Education	Hoyman, Knollin Physical	Trans
POLITICAL SCIENCE	Knomin Physical	Euuc.
PS 405. Reading and Conference	Barnett 310	Fonton
PS 501. Research	Barnett 310	
PS 505. Reading and Conference	Barnett 310	
Psychology	Darnett 310	renton
Psy 305. Reading and Conference	Taylor 305	a
Psy 501. Research	Staff	
Psy 503. Thesis Psy 507. Seminar: Motor Psychology	Staff	
	Seashore	Jondon
Psy 507. Seminar: Psychological Problems of	m 1 00m	~ 1.
Guidance & Counseling	Taylor 305 (condon
RL 405. Reading and Conference		
RL 503. Thesis	Rowbotham F	riendly
RL 505. Reading and Conference	Kowbotham F	riendly
Sociology		_
Soc 405. Reading and Conference (1-8)	Jameson 204	
Soc 501. Social Research	Jameson 204	
Soc 503. Thesis	Jameson 204	Oregon

University Post Session

FOUR-WEEK post session will be held on the University campus at Eugene from July 24 to August 18. The courses are planned to make possible sequential ten-week programs for students who have attended the regular six-week sessions. Students who plan to attend the post session should consult with their advisers at the beginning of the regular session. Post-session courses with course descriptions are listed in this catalog following the six-week summer-session courses in each department.

ECONOMICS

- Ec 438. Government Control of Private Business. (G) 2 or 3 hours. Dr. Crumbaker.
- Ec 476. Economic Theory and Problems. (G) 2 or 3 hours. Dr. Crumbaker.
- Ec 501. Research in Economics. Hours to be arranged. Dr. Crumbaker.
- Ec 503. Thesis. Hours to be arranged. Dr. Crumbaker.

EDUCATION

- Ed 316. Oregon School Law and Oregon System of Education. 2 hours. Mr. Beattie.
- Ed 420. Adolescence: Growth and Development of the Individual. (G) 2 or 3 hours. Dr. Jewell.
- Ed 457. Social Education. (G) 2 or 3 hours. Dr. Bernard.
- Ed 473. Basic Course in School Administration: Finance. (G) 2 or 3 hours. Dr. Huffaker.
- Ed 475ps. Problems of the Elementary-School Principal. (G) 2 or 3 hours. Dr. Gribble.
- Ed 480. Pupil Personnel Work. (G) 2 or 3 hours. Dr. Gribble.
- Ed 487. Curriculum Laboratory. (G) Hours to be arranged.
- Ed 499. Units of Work. (G) 2 or 3 hours.
- Ed 503. Thesis. Hours to be arranged.
- Ed 505. Reading and Conference. Hours to be arranged.
- Ed 507, Education Seminar.
 - School Administration. 2 or 3 hours. Dr. Huffaker.
 - Hygiene of Learning. 2 or 3 hours. Dr. Bernard.

ENGLISH

- Eng 203. Shakespeare (Third Term), 2 or 3 hours. Dr. Black.
- Eng 328. American Prose Writers. 2 or 3 hours. Dr. Black.
- Eng 372. Main Tendencies in Contemporary Literature (Second Term). 2 or 3 hours. Dr. Horn.
- Eng 403. Thesis for Honors Candidates. Hours to be arranged.

Eng 405. Reading and Conference. Hours to be arranged.

Eng 415. Medieval Prose and Poetry. (G) 2 or 3 hours. Dr. Lesch.

Eng 431. Eighteenth-Century Literature (First Term). (G) 2 or 3 hours. Dr. Horn.

Eng 501. Research. Hours to be arranged.

Eng 503. Thesis. Hours to be arranged.

Eng 528. Seminar in Elizabethan Drama (Second Term). 2 or 3 hours. Dr. Lesch.

HISTORY

Hst 377. Oregon History. 2 or 3 hours. Dr. Clark.

Hst 405. Reading and Conference. Hours to be arranged.

Hst 422. The Middle Ages. (G) 2 or 3 hours. Dr. Hulme.

Hst 483. Constitutional History of the United States. (G) 2 or 3 hours. Dr. Ganoe.

Hst 500. Historical Method. 2 or 3 hours. Dr. Hulme.

Hst 501. History Research. Hours to be arranged. Dr. Clark.

Hst 503. History Thesis. Hours to be arranged. Dr. Clark.

Hst 505. Reading and Conference. Hours to be arranged. Dr. Clark.

LAW

L 420. Rights in Land. (g) 2 hours. Mr. O'Connell.

L 446. Domestic Relations and Persons. (g) 2 hours. Mr. O'Connell.

L 501. Legal Research. 1 or 2 hours.

PHYSICAL EDUCATION

PE 503. Thesis. Hours to be arranged.

PE 506. Problems in Health and Physical Education, 2 or 3 hours.

PE 507. Seminar. Hours to be arranged.

PHYSICS

Ph 203. General Physics. 3 hours. Dr. Caswell.

Ph 203 Lab. General Physics Laboratory. 1 hour. Mr. John E. Caswell.

Ph 207. Descriptive Astronomy. 2 hours. Dr. Caswell.

PSYCHOLOGY

Psy 423ps. Systematic Psychology. (G) 2 or 3 hours. Dr. Dashiell.

Psy 501. Research. Hours to be arranged.

Psy 503. Thesis. Hours to be arranged.

Psy 507. Seminar.

Psychology of Thinking. 2 or 3 hours. Dr. Dashiell.

SOCIOLOGY

Soc 405. Reading and Conference. Hours to be arranged. Dr. Parsons. Soc 464ps. Contemporary Problems Involving Social Institutions. (G) 2 or 3 hours. Dr. Parsons.

Soc 501. Social Research. Hours to be arranged. Dr. Parsons.

Schedule of Courses and Rooms

POST SESSION

JULY 24 TO AUGUST 18

This schedule is subject to such minor changes as exigencies arising before the opennig of the post session may necessitate. Before registering, therefore, students should secure the registration manual which will contain the final schedule. The numbers in parentheses after the name of the course indicate the credit hours.

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Eight o'Clock	•
Course	Instructor Room
Economics Ec 438. Government Control of Private Business (2-8) (G)	Crumbaker 106 Oregon
EDUCATION Ed 457. Social Education (2-3) (G) Ed 499. Units of Work (2-3) (G) ENGLISH	Bernard 2 Education 8 Education
Eng 528. Seminar in Elizabethan Drama (Second Term) (2-3)	Lesch 14 Friendly
History Hst 877. Oregon History (2-3)	
Nine o'Clock	
EDUCATION Ed 420. Adolescence (2-3) (G)	Black 108 Villard Horn 101 Villard Ganoe 4 Oregon O'Connell 311 Fenton
Psychology Psy 423ps. Systematic Psychology (2-3) (G)	Dashiell 301 Condon
Sociology Soc 464ps. Contemporary Problems Involving Social Institutions (2-3) (G)	Parsons 206 Oregon
Ten o'Clock	
Economics Ec 476. Economic Theory and Problems (2-3) (G) EDUCATION Ed 473. Basic Course in School Administration: Finance (2-3) (G) Ed 480. Pupil Personnel Work (2-3) (G)	Huffaker 2 Education

Course	Instructor Room
ENGLISH Eng 203. Shakespeare (Third Term) (2-3) Eng 415. Medieval Prose and Poetry (2-3) (G)	Black 108 Villard Lesch 14 Friendly
History Hst 422. The Middle Ages (2-3) (G)	Hulme 4 Oregon
Eleven o'Clock	
EDUCATION Ed 816. Oregon School Law and Oregon System of Education (2) Ed 475ps. Problems of the Elementary-School Principal (2-8) (G) ENGLISH Eng 481. 18th Century Literature (First Term) (2-8) (G) LAW L 446. Domestic Relations and Persons (2) (g) PHYSICS Ph 207. Descriptive Astronomy (2) PSYCHOLOGY PSY 507. Seminar: Psychology of Thinking (2-8)	Horn 101 Villard O'Connell 311 Fenton Caswell 103 Deady
One o'Clock	
Physics Ph 203 Lab. General Physics Laboratory (1) 1:00-4:00	John Caswell 101 Deady
Time to be Arranged	1
Economics Ec 501. Research in Economics Ec 503. Thesis	Crumbaker 209 Oregon Crumbaker 209 Oregon
Economics Ec 501. Research in Economics Ec 508. Thesis EDUCATION Ed 487. Curriculum Laboratory (G) Ed 508. Thesis Ed 506. Reading and Conference Ed 507. Seminar in School Administration (2-8) Ed 507. Seminar in Hygiene of Learning (2-3)	Crumbaker 209 Oregon Crumbaker 209 Oregon Univ. High Staff Education Staff Education Huffaker Education Bernard Education
Economics Ec 501. Research in Economics Ec 503. Thesis EDUCATION Ed 487. Curriculum Laboratory (G) Ed 508. Thesis Ed 508. Thesis Ed 507. Seminar in School Administration (2-8) Ed 507. Seminar in Hygiene of Learning (2-8) EMSLISH Eng 408. Thesis for Honors Candidates Eng 408. Reading and Conference Eng 501. Research Eng 503. Thesis History Hist 405. Reading and Conference	Crumbaker 209 Oregon Crumbaker 209 Oregon Univ. High Staff Education Staff Education Huffaker Education Bernard Education Staff Friendly Staff Friendly Staff Friendly Staff Friendly Staff Friendly Staff Friendly
Economics Ec 501. Research in Economics Ec 508. Thesis EDUCATION Ed 487. Curriculum Laboratory (G) Ed 508. Thesis Ed 506. Reading and Conference Ed 507. Seminar in School Administration (2-8) Ed 507. Seminar in Hygiene of Learning (2-3) Ed 507. Seminar in Hygiene of Learning (2-3) Eng 408. Thesis for Honors Candidates Eng 408. Reading and Conference Eng 501. Research Eng 508. Thesis History Hist 405. Reading and Conference Hat 500. Historical Method (2-8) Hist 501. History Research Hist 503. History Thesis Hist 503. History Thesis Law	Crumbaker 209 Oregon Crumbaker 209 Oregon Univ. High Staff Education Staff Education Huffaker Education Bernard Education Staff Friendly Staff Friendly Staff Friendly Staff Friendly Staff Oregon Hulme Oregon Clark 3 Oregon Clark 3 Oregon Clark 3 Oregon
Economics Ec 501. Research in Economics Ec 508. Thesis EDUCATION Ed 487. Curriculum Laboratory (G) Ed 508. Thesis Ed 506. Reading and Conference Ed 507. Seminar in School Administration (2-8) Ed 507. Seminar in Hygiene of Learning (2-3) Ed 507. Seminar in Hygiene of Learning (2-3) EngLish Eng 408. Thesis for Honors Candidates Eng 405. Reading and Conference Eng 501. Research Eng 508. Thesis HISTORY Hst 405. Reading and Conference Hat 500. Historical Method (2-8) Hst 501. History Research Hst 503. History Thesis Hst 505. Reading and Conference LAW L 501. Legal Research (1-2) PHYSICAL EDUCATION PE 503. Thesis PE 504. Problems in Health & Physical Education (2-3) PE 507. Seminar	Crumbaker 209 Oregon Crumbaker 209 Oregon Univ. High Staff Education Staff Education Huffaker Education Bernard Education Staff Friendly Staff Friendly Staff Friendly Staff Friendly Staff Oregon Hulme Oregon Clark 3 Oregon
Economics Ec 501. Research in Economics Ec 508. Thesis Ebucation Ed 487. Curriculum Laboratory (G) Ed 508. Thesis Ed 506. Reading and Conference Ed 507. Seminar in School Administration (2-8) Ed 507. Seminar in Health & Physical Education Eng 405. Reading and Conference Eng 501. Thesis for Honors Candidates Eng 405. Reading and Conference Eng 501. Research Eng 508. Thesis HISTORY Hat 405. Reading and Conference Hat 500. Historical Method (2-8) Hat 501. History Research Hat 505. Reading and Conference Law L 501. Legal Research (1-2) PHYSICAL EDUCATION PE 503. Thesis PE 506. Problems in Health & Physical Education (2-3)	Crumbaker 209 Oregon Crumbaker 209 Oregon Univ. High Staff Education Staff Education Huffaker Education Bernard Education Staff Friendly Staff Friendly Staff Friendly Staff Friendly Staff Oregon Hulme Oregon Clark 3 Oregon Clark 3 Oregon Clark 3 Oregon Staff Physical Educ.

Other 1939 Summer Sessions

Oregon State System of Higher Education

OREGON STATE COLLEGE, Corvallis

Regular Session: July 19 to July 28 Second Session: July 31 to September 1

STATE COLLEGES OF EDUCATION

Oregon College of Education, Monmouth

Eastern Oregon College of Education, La Grande

Southern Oregon College of Education, Ashland

First Term: June 5 to July 14 Second Term: July 17 to August 18

PORTLAND SUMMER SESSION, Portland

University of Oregon, Oregon State College,
Oregon Colleges of Education
One Session: June 19 to July 28

INSTITUTE OF MARINE BIOLOGY, Coos Bay

Oregon State College and University of Oregon One Session: June 12 to July 21

The following bulletins are available upon request: Preliminary announcement listing courses in all sessions; catalog of Oregon State College sessions; catalog of Portland session; catalog of College of Education sessions; announcement of courses at Institute of Marine Biology. Address Director of Summer Sessions, 814 Oregon Building, Portland, 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.

ART—FREEHAND DRAWING
Design I
ASTRONOMY
BIOLOGY
Bird Study
Biological Science Survey
BOTANY
Plant Biology
Systematic Botany
Advanced Systematic Botany
Shrubs and Trees
BUSINESS ADMINISTRATION
Constructive Accounting
Business Law
General Advertising
Problems in Distribution
DRAWING
Mechanical Drawing
Stresses
Advanced Graphic Statics ART-FREEHAND DRAWING DRAWING

Mechanical Drawing
Stresses
Advanced Graphic Statics
Elementary Structural Design
ECONOMICS
Economic History
Principles of Economics
Outline of Economics
Outline of Economics
Money, Banking and Economic Crises
Economics of Business Organization
Economic Problems: Economics of the
Recovery Program
EDUCATION
Modern Methods of Tesching in the
Upper Grades and High School
Character Education
Curriculum Construction
History of Modern Education
Child Study
Supervision of Instruction
Educational Sociology
The Child and His Learning
Mental Hygiene
Psychology of Adolescence
Measurement in Secondary Education
URITTEN ENGLISH
Exposition, Narration and Argument
Principles of Good Writing
Advanced Writing
Advanced Writing
Introduction to Education
WRITTEN ENGLISH
Exposition, Narration and Argument
Principles of Good Writing
Advanced Writing
Magazine Writing
Introduction to Short Story Writing
Short Story Writing
Prose Manuscript
Versification
Book and Play Reviewing
Business English
Methods in Grammar School English
English for High School Teachers
Review Course in English Grammar
GEOLOGY
Geology I
Historical Geology
Geology A Review Course in English Grammar GEOLOGY
Geology I
Historical Geology
GEOGRAPHY
General Geography, Parts I, II, III
Physical Geography
HEALTH EDUCATION
HISTORY
Oregon History
English History
Modern Europe
History of the United States
Twentieth Century Europe
HOME ECONOMICS
Household Management
Child Development
Clothing Selection
Food Purchasing
Principles of Dictetics
House Furnishing

JOURNALISM
Elementary News Writing
Newswriting for Publicity Chairmen
Feature Writing LATIN
Beginning Latin and Caesar
Latin Literature: Horace
LITERATURE
Early American Literature
Recent American Literature
Survey of English Literature
Contemporary American Novel
Survey of English Literature
Contemporary English Novelists
20th Century Literature
Contemporary English Novelists
20th Century Literature
Collidren's Literature
Children's Literature
Shakespeare
Socially Significant Literature
English Novel of the 19th Century
English and American Poetry
Living Writers
MATHEMATICS
Intermediate Algebra
College Algebra
Plane Trigonometry
Analytical Geometry
Elementary Analysis
Differential Calculus
Integral Calculus
Integral Calculus
Mathematics of Finance
Differential Equations
Elements of Statistics
MODERN LANGUAGES
First Year French
Second Year French
First Year French
Second Year French
First Year French
Second Year Spanish
PHYSICS
College Physics
History and Teaching of Physics
Meteorology
PHYSIOLOGY
Elementary Physiology
PHYSIOLOGY
General Psychology
Abnormal and Borderline Psychology
Abnormal and Borderline Psychology
Abnormal and Borderline Psychology
General Psychology
SOCIOLOGY
Introduction to Sociology
General Sociology
Modern Social Problems
Criminology
Matrimonial Institutions
Community Problems
Entrance English I to VIII
Entrance English Composition
Fundamentals of Written English
English Grammar and Usage
Elementary Algebra
Plane and Solid Geometry
Elementary Physics
Latin
Elementary Physics
Latin Elementary Economics
Social Problems
Social Problems and Government

OREGON STATE SYSTEM OF HIGHER EDUCATION

BULLETIN

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