

University of Oregon
Summer Quarter, 1947



OREGON STATE SYSTEM OF HIGHER EDUCATION

BULLETIN

State Board of Higher Education

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Office of the State Board of Higher Education
Eugene, Oregon

Oregon State System
of Higher Education

University of Oregon Summer Quarter

First Session

June 17-July 25

Second Session

July 28-August 29

1947

Oregon State System of Higher Education

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

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

Each of the five institutions provides the general studies fundamental to a well-rounded education. At the three colleges of education general and professional studies are combined in the teacher-training curriculum; students who do not plan to become elementary-school teachers may devote their time exclusively to lower-division studies in the liberal arts and sciences or (at Southern Oregon and Eastern Oregon colleges of education) to approved lower-division programs in semiprofessional fields.

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

Table of Contents

OREGON STATE SYSTEM OF HIGHER EDUCATION.....	2
FACULTY	5
CALENDAR	9
GENERAL INFORMATION	9
DESCRIPTION OF COURSES	15
Anthropology	15
Architecture and Allied Arts	16
Biology	17
Business Administration	18
Chemistry	20
Economics	21
Education	22
English	25
General Studies	28
Geography	28
Geology	29
German	29
History	29
Journalism	31
Library Methods	32
Mathematics	32
Music	35
Philosophy	37
Physical Education	37
Physics	39
Political Science	40
Psychology	41
Romance Languages	42
Social Science	43
Sociology	43
Speech and Drama	44
CORRESPONDENCE COURSES	<i>Inside Back Cover</i>

Oregon State System of Higher Education

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* Deceased Apr. 15, 1947.

University of Oregon Summer Quarter 1947

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 JESSIE M. SMITH, M.A., Assistant Professor of Business Administration.
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 HELEN SOEHREN, M.A., Instructor in English.
 PHILIP W. SOUERS, Ph.D., Professor of English; Head of Department.
 JOHN STEHN, M.S., Associate Professor of Wind Instruments; Director of University Band.
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CALENDAR

FIRST SESSION

June 17.....Registration for first session.
 June 18.....Classes begin.
 June 19.....Last day for payment of registration fee without penalty (3:00 p.m.). Both graduate and undergraduate students.
 June 26.....Last day for adding a course.
 July 4.....Holiday.
 July 8.....Last day for withdrawal from a course.
 July 9.....Last day for graduate students completing work for master's degree to file theses.
 July 24, 25.....Final examination for first session.

SECOND SESSION

July 28.....Registration for second session.
 July 29.....Classes begin.
 July 30.....Last day for payment of registration fee without penalty (3:00 p.m.). Both graduate and undergraduate students.
 August 2.....Last day for adding a course.
 August 13.....Last day for withdrawal from a course.
 August 17.....Last day for graduate students completing work for master's degree to file theses.
 August 28, 29.....Final examination for second session.

(NOTE: Classes in the second session will be held on Saturday mornings unless otherwise indicated in the catalog.)

General Information

THE forty-third annual summer session of the University of Oregon will constitute a full summer quarter of approximately eleven weeks between June 17 and August 29, 1947, divided into two sessions of six and five weeks.

Opportunities in the Summer Quarter. Special attention will be given this summer to the needs of veterans. More than the usual number of lower-division courses will be offered; and these courses will be closely integrated with course sequences offered during the regular academic year, so that veterans and other students may make steady progress toward the completion of lower-division requirements. Certain courses are planned especially for students intending to enter medical or dental schools or schools of nursing.

Students who are nearing graduation will find in the summer sessions an excellent opportunity to complete all or part of their upper-division requirements for a degree. Persons planning to teach may continue their professional

work for the high-school teacher's certificate or for the renewal of the emergency certificate. Graduate students will find substantial offerings in most schools and departments.

Registration Procedure. Students will register for the first session on Tuesday, June 17; classes will begin Wednesday morning, June 18. Students will register for the second session on Monday, July 28; classes will begin the following day. Registration will begin at 8 o'clock in the morning and continue until 4 o'clock in the afternoon. Students will receive registration material and further instructions at the Registrar's Office.

Preregistration plans for students already attending the University will be announced later.

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 University Registrar complete official transcripts covering all school work taken above the eighth grade. Specific requirements are listed in the general University Catalog.

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

Maximum Load. Undergraduates may enroll for a maximum of 9 term hours in each session. For graduate students the maximum is 9 hours in the first session and 8 hours in the second session, but the maximum total load for both sessions may not be more than 15 hours.

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

Registration fee for each session.....	\$25.00
Students registering for more than 3 term hours of work pay this fee. There is no additional out-of-state tuition for the summer session.	
Late-registration fee.....	\$1.00 to 3.00
Undergraduate and graduate students in the first session pay a late-registration fee if they register after 3:00 p.m. on June 19; students in the second session pay this fee if they register after 3:00 p.m. on July 30. The late-registration fee is \$1.00 for the first day and \$1.00 for each additional day until a maximum charge of \$3.00 is reached.	
Part-time and auditor's fee, per term hour.....	\$3.50
Part-time fee paid by students carrying 3 term hours of work or less in either session.	
Examination fee for graduate students not enrolled in summer sessions	\$10.00
Paid by students not enrolled in the summer sessions who take examinations for advanced degrees during the summer. (Students enrolled for part-time work, for which they pay a fee of less than \$10.00, pay the difference between the registration fee and \$10.00 for the privilege of taking such examinations.)	
Fee for children receiving instruction in Clinical School.....	\$15.00
Degree fee	\$ 6.50
Gymnasium and recreation fee	\$ 2.00
Students who pay this fee are entitled to lockers, towels, soap, use of swimming pools, gymnasium and swimming suits, handball courts, and tennis courts.	
Music Fees	See page 37

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

Fee Refunds. Students who withdraw from either of the two sessions and who have complied with the regulations governing withdrawals are entitled to certain refunds of fees paid, depending on the time of withdrawal. The refund schedule is as follows:

First Session

Up to and including June 19, all but \$2.00.
 Up to and including June 21 (noon), three-fourths of registration fee.
 Up to and including June 28 (noon), one-half of registration fee.
 Up to and including July 5 (noon), one-fourth of registration fee.
 After July 5 no fees will be refunded.

Second Session

Up to and including July 30, all but \$2.00.
 Up to and including August 2 (noon), three-fourths of registration fee.
 Up to and including August 9 (noon), one-half of registration fee.
 Up to and including August 16 (noon), one-fourth of registration fee.
 After August 16 no fees will be refunded.

Refund of laboratory and course fees is determined in individual cases, the amount depending upon whether laboratory or other materials have been purchased for the student.

Refunds in all cases are calculated from the date of application for the refund, and not from the date the student ceased attending classes.

Board and Room. Board and room for both men and women will be available during the summer sessions in University halls of residence. Students living in the halls during the summer must also board at the dormitory dining room. A room-reservation deposit of \$15.00 is required; this deposit, less deductions for loss or breakage, will be returned at the end of the session. Blankets and bed linen, and the laundry of these items, are furnished by the halls; students furnish their own towels. Applications for reservation of dormitory rooms should be sent to the Director of Dormitories, University of Oregon, Eugene, before the opening of the summer session, and should be accompanied by the room-reservation deposit.

Dormitory Rates. The rates for room and board in the University dormitories during the summer sessions are as follows:

	First Session	Second Session
Board (two meals on Sunday)	\$52.00	\$44.00
Double room, per occupant	26.00	22.00
Single room	39.00	33.00

Board in the dormitories may also be obtained by the week, at the rate of \$10.00 per week (2 meals on Sunday), or at the following single-meal rates: breakfast, 35 cents; lunch, 55 cents; dinner, \$1.00.

Room charges and board charges at the session rate are payable in advance at the opening of each session.

The dormitories will open for the first session on the evening of June 16, with the first meal served Monday morning, June 17.

Room and Board in Private Houses. A number of excellent private boarding and rooming houses will be open during the summer. Rooms, flats, and furnished cottages suitable for light housekeeping may also be available. A list of such accommodations will be obtainable from the Housing Secretary after June 15. The office of the Housing Secretary will be open about this time to help students obtain satisfactory living quarters.

Housing for Veterans. Living accommodations for unmarried veterans will be available in the University dormitories; reservations should be made in advance as indicated above. The University operates a considerable number of housing units for married veterans, a few of which may be available for the summer session. Married veterans interested in these quarters should write to George L. Hall, Assistant Dean of Men. Married veterans seeking

living quarters in Eugene for the summer sessions should consult the Housing Secretary at the time of registration or shortly before, and then make their own individual arrangements with householders or managers of apartments. At the time this Catalog is printed there is no way of knowing how many such accommodations will be available. The Housing Secretary will make every effort to find quarters for married veterans.

Undergraduate Housing Rules. The rules regarding housing which prevail during the regular academic year are applicable to undergraduates during the summer sessions. Briefly, the procedure to be followed by students not living in a University residence hall is as follows:

(1) Secure from the Housing Secretary a list of approved rooming houses, and use this list in looking for rooms.

(2) When desirable quarters are found, fill out a housing petition and file it with the Housing Secretary.

(4) Registration may not be completed without the signature of the Housing Secretary on the registration card.

Be sure that you have conformed to the housing regulations before engaging a room.

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

Registration. A bachelor's degree from an accredited institution is prerequisite to registration as a graduate student.

Admission as Degree Student. To earn credits toward an advanced degree at the University of Oregon, the student must clear his admission with the Registrar's Office before registering, preferably before coming to the campus.

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

Credit Requirements. For the master's degree the University requires a program of study of not less than 45 term hours, with a minimum of 30 term hours in the major subject. No major is required for the Master of Arts (General Studies); courses in three or more departments must be combined into an integrated program of study for this degree.

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

Residence Requirement. Three terms of residence are required for the master's degree. A maximum of 15 term hours (one term) earned in other divisions of the Oregon State System of Higher Education is accepted toward the satisfaction of this requirement for the Master of Arts or Master of Science degree. For the M.Ed., 8 term hours of residence work at Eugene is the minimum requirement. The M.A. (General Studies) may be earned entirely in extension courses.

Transferred Credit. Not more than 15 term hours can be transferred from another institution toward the master's degree. Transferred credit is pro-

visional until the qualifying examination is taken, and does not shorten the residence requirement, except as noted above.

Time Limit. It is expected that all work for the master's degree, including transferred credit, thesis, and final examination, will be completed within a period of seven years.

Qualifying Examination and Program. During the first term of work toward the master's degree, the student should file a tentative program of work, planned in conference with his major adviser. The qualifying examination is expected to be taken during the first term of residence, or before 15 term hours have been earned.

Maximum Course Load. The maximum course load for a graduate student is 9 term hours for the first session and 8 for the second; but not more than 15 hours may be earned in the two summer sessions.

Thesis Registration. For all master's degrees except the M.Ed., registration for Thesis is required. For the M.A. and M.S., 9 term hours in Thesis is required; but a first draft of the thesis must be accepted by the adviser before the student can register for the final 3 hours.

Further information will be furnished at the office of the Graduate School, 202 Johnson Hall.

Crater Lake Field School of Nature Study and Appreciation. A five-week program, devoted to the study of the natural features of the Crater Lake and Cascade region, will be conducted cooperatively by the United States National Park Service and the University of Oregon, from July 14 to August 26. The school is planned for teachers, leaders of young people's groups, and others interested in the understanding and interpretation of natural features peculiar to the Oregon Cascade region.

Living quarters will be established adjacent to Crater Lake National Park. Field trips through the park and the surrounding area will be the basis for study. Enrollment is limited to 25, with the consent of the instructor as a prerequisite. Eight term hours of University credit will be granted students completing the program.

For information regarding courses, cost of board and lodging, and reservations write to Dean Ralph W. Leighton, University of Oregon, Eugene.

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

Murray Warner Collection of Oriental Art. The Museum of Art, housing the Murray Warner Collection of Oriental Art and the Museum of Art Library, a collection of 5,500 volumes on Oriental art and culture, will be open to students during part of the summer. Later announcements will indicate the days on which the museum may be visited.

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

Recreation. It is hoped that everyone who enjoys the outdoors will come prepared to take part in the recreational program sponsored by the University. There will be hikes and picnics on weekends, golf, tennis, pingpong,

outdoor volleyball, playground baseball, indoor evening games, swimming, and social dancing. It is suggested that students bring tennis rackets and golf clubs. There are excellent opportunities for these sports on the University campus and nearby courses.

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

Chorus, Orchestra, and Band. A chorus, an orchestra, and a band will be organized for the first session if enrollment is sufficient. Membership in these organizations will be open to all summer-session students, whether or not they are enrolled in music courses. Students who play orchestral or band instruments are urged to bring their instruments and take part. Concerts will be given by these groups during the final week of the session. The purpose of these organizations is recreation and enjoyment as well as professional and cultural training.

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

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

Short Course in Driver Education for High School Teachers. A one-week course for high-school teachers in driver education and highway safety will be given in the Portland Summer Session, August 11-15. Professor Amos E. Neyhart, administrative head, Institute of Public Safety, Pennsylvania State College, and road consultant, American Automobile Association, will be in charge. Three term hours of credit may be earned. For further information write to Director of Summer Sessions, 207 Education Center Building, Portland 4, Oregon.

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

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

Course Numbering System. The courses in this Catalog are numbered in accordance with the course numbering system of the Oregon State System of Higher Education. Lower-division (freshman and sophomore) courses are numbered below 300. Upper-division (junior and senior) courses are num-

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

bered 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.

Description of Courses

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

ALL classes meet Monday through Friday in the first session and Monday through Saturday in the second session, unless an explicit statement to the contrary is made in the course description. The hours noted following the title of each course represent the term hours of University credit which may be earned. The Registration Manual, containing instructions for registration and the schedule of all classes, will be handed to each student at the time of registration. A few changes may be necessary in the times of class meetings indicated in the course descriptions in this Catalog.

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

Special attention is called to a faculty regulation which provides that no undergraduate student may enroll for Reading and Conference (305 or 405) or Thesis (303 or 403) who is not eligible for honors privileges. A Junior Certificate and an accumulative grade-point average of 2.75 are required for honors privileges. The Director of Summer Sessions will furnish further information.

ANTHROPOLOGY

PROFESSOR: CRESSMAN. VISITING FACULTY: JACOBS.

FIRST SESSION

Anth 102. **General Anthropology.** 3 hours.

Evolution of man; human races; the nature of race problems and race prejudice; methods of handling race problems. MTuWThF, 9:00. Jacobs.

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

Open only to students eligible for honors. Jacobs.

Anth 413. **Problems of Race and Culture.** (G) 3 hours.

The processes of socialization in a culture; the adjustment of the individual and the group to a culture; culture and personality. Prerequisite: 9 hours in anthropology or consent of instructor. MTuWThF, 11:00. Jacobs.

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

Field camp in archaeology. Prerequisite: consent of instructor. Cressman.

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

Cressman, Jacobs.

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

Jacobs.

Anth 505. **Reading and Conference.** Hours to be arranged.

Jacobs.

ARCHITECTURE AND ALLIED ARTS

PROFESSORS: LITTLE, VINCENT, HANNAFORD. ASSOCIATE PROFESSORS: HAYDEN, AVAKIAN.
INSTRUCTORS: WILKINSON, ENDICOTT, RYAN. GRADUATE ASSISTANT: VEATCH.
VISITING FACULTY: ALEXANDER.

FIRST SESSION

As for the past fifteen years, the summer session in art is keyed to the requirements of teachers of art who are anxious for opportunity to develop and stimulate the appreciation of art and to improve the quality of teaching.

In addition to the art offerings, the program will include courses in architecture suitable for veterans who wish to eliminate irregularities in their schedules. All grades of architectural design, plus intermediate structural courses, will be available.

Entrance examinations are not required for registration in summer courses. Regular advisory service will be maintained to coordinate summer work with fall schedules. Students pay the regular summer session fee of \$25.00, plus an additional laboratory fee of \$5.00 for each course to cover cost of materials and equipment.

ARCHITECTURE**AA 297. Lower-Division Architectural Design.** 1 to 3 hours.

Individual problems in architectural design relating to principles, methods, concepts of planning. Laboratory fee, \$5.00. MTuWThF, 9-12 or 1-4.

AA 323, 324, 325. Construction IV. 2 hours.

Working drawings, including scale and full-size details, specifications, and supervision. Laboratory fee, \$5.00. MTuWThF, 9-11. Hannaford.

AA 420, 421, 422. Construction VI. 2 hours.

Construction design. Trusses in wood and steel. Plate girders, reinforced concrete. Laboratory fee, \$5.00. MTuWThF, 1-4. Hannaford.

AA 497. Upper-Division Architectural Design. (G) 1 to 3 hours.

Individual problems in architectural design and planning. Laboratory fee, \$5.00. MTuWThF, 9-12 or 1-4.

DRAWING AND PAINTING***AA 290. Lower-Division Painting.** 3 hours.

Creative color composition using the media most commonly employed—oil and water color. Work carried on from the figure, still life, and landscape. Emphasis on creative design, with consideration of the technical problems of the painter. Laboratory fee, \$5.00. MTuWThF, 9-12. Wilkinson.

AA 291. Lower-Division Drawing. 3 hours.

Beginners' section. Training in observation and selection of significant elements. Laboratory fee, \$5.00. MTuWThF, 1-4.

AA 292. Lower-Division Composition. 3 hours.

Principles of tone, space, color organization. Work in abstract and pictorial forms. Laboratory fee, \$5.00. MTuWThF, 9-12.

***AA 490. Upper-Division Painting.** (G) 3 hours.

Advanced problems in portrait, figure, and still life, in all media. Laboratory fee, \$5.00. MTuWThF, 9-12. Vincent.

* If the demand is sufficient, these two courses will be divided into sections, with a special section devoted entirely to work in water color.

AA 491. Upper-Division Drawing. (G) 3 hours.

Advanced work in drawing. Study of form from the figure. Laboratory fee, \$5.00. MTuWThF, 1-4. Wilkinson.

AA 492. Upper-Division Composition. (G) 3 hours.

Advanced problems in composition. Mural decoration, illustrations. Practical problems in oil and fresco. Laboratory fee, \$5.00. MTuWThF, 1-4. Vincent.

APPLIED DESIGN**AA 296. Lower-Division Applied Design.** 3 hours.

Weaving or ceramics. Study of materials, techniques, and design. Laboratory fee, \$5.00. MTuWThF, 9-12 (weaving) or 1-4 (ceramics). Avakian, Alexander.

AA 496. Upper-Division Applied Design. (G) 3 hours.

Weaving or ceramics. Advanced work in techniques, materials, and design. Laboratory fee, \$5.00. MTuWThF, 9-12, (weaving) or 1-4 (ceramics). Avakian, Alexander.

HONORS AND GRADUATE COURSES

Offered only to students who are completing work already begun in preceding academic year, and open only with permission of instructor concerned. Laboratory fee for each, \$5.00. All hours by arrangement.

AA 401. Special Studies.**AA 501. Special Studies.****AA 503. Thesis.****AA 505. Assigned Reading.****SECOND SESSION**

If there is sufficient demand, courses will be offered in architecture, art, and applied design during the second session.

BIOLOGY

PROFESSOR: RISLEY. ASSOCIATE PROFESSOR: SIPE. ASSISTANT PROFESSOR: CLANCY.

FIRST SESSION***Bi 201a. General Zoology.** 2 hours.

A study of the fundamentals of zoology, emphasizing the structure and function of the vertebrate animal. The first term of the year sequence in General Zoology, which satisfies preidental, prenursing, and premedical requirements, and lower-division group requirements. Laboratory fee, \$2.50. Two lectures, TuTh, 9:00. Two laboratory periods, TuTh, 10-12. Risley.

Bi 211. Oregon Flora. 3 hours.

Principles of plant classification; common plant families; collection and identification of Oregon plants. Laboratory fee, \$2.50. Four lectures, MTuWTh, 11:00. Two laboratory periods, TuTh, 1-4. Sipe.

Bi 316. Elementary Genetics. 2 hours.

Heredity and variation in plants and animals; similarities and differences among related organisms. MTuWTh, 10:00. Clancy.

* Both Bi 201a (first session and Bi 201b (second session) must be completed before credit will be granted.

†Bi 337a. **Vertebrate Embryology.** 2 hours.

Early developmental stages of vertebrates. Prerequisite: One year of General Zoology. Laboratory fee, \$2.50. Two lectures, MW, 1:00. Two laboratory periods, MW, 2-5. Clancy.

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

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

Open only to students eligible for honors.

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

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

SECOND SESSION

*Bi 201b. **General Zoology.** 2 hours.

Continuation of Bi 201a, offered in first session. Laboratory fee, \$2.50. Risley.

†Bi 337b. **Vertebrate Embryology.** 2 hours.

Continuation of Bi 337a, offered in first session. Laboratory fee, \$2.50. Clancy.

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

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

Open only to students eligible for honors.

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

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

BUSINESS ADMINISTRATION

PROFESSORS: BURRELL, COMISH, LOMAX. ASSOCIATE PROFESSORS: BALLAINE, GAGE.
ASSISTANT PROFESSOR: SMITH. INSTRUCTORS: HOILAND, JONES.

FIRST SESSION

BA 111, 112, 113. **Constructive Accounting.** 3 hours each term.

An introduction to the field of accounting and business administration. Technique of account construction; preparation of financial statements. Application of accounting principles to practical business problems; study of proprietorship from the standpoint of the single owner, the partnership, and the corporation. BA 111, MTuWThF, 9:00. BA 112, MTuWThF, 8:00. BA 113, MTuWThF, 11:00. Smith.

SS 121, 122, 123. **Typing.** 2 hours each term.

Theory and practice of touch typing; rhythm drills, dictation exercises; writing paragraphs; punctuation and mechanical arrangement of business correspondence; legal forms, tabulating, manifolded; speed practice. Material offered will be adjusted to the needs of individual students. Course fee, \$1.00. MTuWThF, 8:00, practice hour to be arranged. Hoiland.

BA 222. **Elements of Finance.** 3 hours.

How a modern business enterprise is launched, secures long- and short-term funds, manages its capital and earnings; public control of financial institutions. Required of all majors. Prerequisite: BA 111, 112, 113. MTuWThF, 1:00. Ballaine.

* See note (*), page 17.

† Both Bi 337a (first session) and Bi 337b (second session) must be completed before credit will be granted.

BA 223. **Elements of Marketing.** 3 hours.

Methods, policies, and problems. Private and cooperative channels, auctions, exchanges, middlemen; demand creation, assembly standardization, packaging, financing, risk taking, distribution. MTuWThF, 8:00. Lomax.

BA 401. **Research.** Hours to be arranged.

Supervised individual work in some field of special interest. Subjects chosen must be approved by the major professor. Ballaine.

BA 415. **Regional Planning for Commerce and Industry.** (G) 3 hours.

Origin of the planning movement; analysis of regional planning projects with special reference to the Pacific Northwest and its natural resources. MTuWThF, 2:00. Lomax.

BA 432. **Business Statistics.** 3 hours.

Application of statistical methods to business and economic numerical data; sources of data, data presentation through use of charts and tables; introduction to analysis of data in solution of management problems. MTuWThF, 9:00. Ballaine.

BA 434. **Problems in Distribution.** (G) 3 hours.

Critical study of marketing problems. Strength and weakness of various retail marketing channels; merits and limitations of wholesale marketing channels; extent and adaptability of direct marketing. Prerequisite: BA 223. MTuWThF, 10:00. Comish.

BA 435. **Sales Management.** (G) 3 hours.

Structure of sales organizations; sales policies; control of sales operations; sales planning; market analysis; coordination of production and sales; selection, training, and management of salesmen. Prerequisite: BA 223. MTuWThF, 8:00. Comish.

BA 436. **Retail Merchandising.** (G) 3 hours.

Retail policies and problems. Stock-control systems, buying, methods of sales promotion, plant operation, personnel, credit, turnovers, pricing, expense classification and distribution. Prerequisite: BA 223. MTuWThF, 11:00. Comish.

BA 459. **Finance Management.** (G) 3 hours.

Financial problems involved in promotion, organization, obtaining permanent and working capital, bank loans, commercial-paper borrowing, management of earnings, administration policies, and reorganization. MTuWThF, 10:00. Burrell.

BA 463. **Investments.** (G) 3 hours.

Detailed study of special phases of investments, including taxation, brokerage services, and the stock markets; brief study of the relation of investments to business cycles and forecasting. Prerequisite: BA 222, 223. MTuWThF, 2:00. Burrell.

BA 471. **Foreign-Trade Technique.** (G) 3 hours.

Classification of ships, elements of ship construction, management of ocean shipping, export and import procedures, marine insurance, finance. Prerequisite: BA 222, 223. MTuWThF, 9:00. Lomax.

BA 485. **Accounting Theory and Practice.** (G) 3 hours.

The theory of accounting records and statements; statement of affairs, depreciation, analysis of profit-and-loss accounts, receiverships, balance-sheet construction and problems. Required of students majoring in accounting. MTuWThF, 11:00. Burrell.

SECOND SESSION

BA 111, 112, 113. **Constructive Accounting.** 3 hours each term.

For description see BA 111, 112, 113, *First Session*. BA 111, special work in beginning accounting, hours to be arranged. BA 112, MTuWThFS, 9:00. BA 113, MTuWThFS, 8:00. Smith.

SS 121, 122, 123. **Typing.** 2 hours.

For description see SS 121, 122, 123, *First Session*. Course fee, \$1.00. MTuWThF, 8:00, other practice hours to be arranged. Jones.

BA 223. **Elements of Marketing.** 3 hours.

For description see BA 223, *First Session*. MTuWThFS, 10:00. Lomax.

BA 401. **Research.** Hours to be arranged.

Supervised individual work in some field of special interest. Subjects chosen must be approved by the instructor. Ballaine, Gage, Lomax.

BA 411. **Business Public Relations.** 3 hours.

Public relations of business firms; tools and techniques for determining public reactions; methods of securing good public relations. Open to nonmajor students with consent of the instructor. MTuWThFS, 11:00. Gage.

BA 414. **Personnel Management.** (G) 3 hours.

Principles and policies involved in obtaining and maintaining a competent cooperative working force; reconciliation of the interests of the worker and the employer. Prerequisite: BA 222, 223. MTuWThFS, 10:00. Ballaine.

BA 425. **Real-Estate Fundamentals.** (G) 3 hours.

Problems relating to the purchase, transfer, lease, and financing of land and buildings; home building, site selection, principles of house-and-lot evaluation. Open to nonmajor students. MTuWThFS, 10:00. Gage.

BA 453. **Business Policy.** (G) 2 hours.

Coordination of specialized work given in the school; the interdependence of different departments of a business concern. MTuWTh, 1:00. Ballaine.

BA 472. **Foreign-Trade Technique.** (G) 3 hours.

For description see BA 472, *First Session*. Prerequisite: BA 222, 223. MTuWThFS, 9:00. Lomax.

CHEMISTRY

PROFESSORS: KUNZ, VAN RYSELBERGHE. ASSISTANT PROFESSORS: HEYMANN, REITHEL, SWINEHART, DEAN.

FIRST SESSION

*Ch 104a. **General Chemistry.** 3 hours.

First term of standard first-year college chemistry. Prerequisite: adequate background in mathematics. Laboratory fee, \$2.50. Three lectures, MWF 10:00. Two 3-hour laboratory and recitation periods, MW, 1:00-4:00 or TuTh, 1:00-4:00. Kunz.

Ch 204a. **Analytical and Theoretical Chemistry.** 3 hours.

Principles and practice of quantitative analysis. Prerequisite: general

* Students completing this course and Ch 104b are guaranteed permission to enroll in Ch 105, winter term 1947-48. Students not attending the University summer sessions will be given priority for enrollment in Ch 104, fall term 1947-48.

chemistry. Laboratory fee, \$2.50. Three lectures, MWF, 8:00. Two 3-hour laboratory periods, MW, 1:00-4:00 or TuTh, 1:00-4:00. Dean.

Ch 401. **Research.** Hours to be arranged.Ch 403. **Thesis.** Hours to be arranged.

Open only to students eligible for honors.

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

Open only to students eligible for honors.

Ch 501. **Research.** Hours to be arranged.Ch 503. **Thesis.** Hours to be arranged.Ch 505. **Reading and Conference.** Hours to be arranged.

SECOND SESSION

Ch 104b. **General Chemistry.** 2 hours.

Continuation of Ch 104a. Laboratory fee, \$2.50. Kunz.

Ch 204b. **Analytical and Theoretical Chemistry.** 2 hours.

Continuation of Ch 204a. Laboratory fee, \$2.50. Dean.

Ch 401. **Research.** Hours to be arranged.Ch 403. **Thesis.** Hours to be arranged.

Open only to students eligible for honors.

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

Open only to students eligible for honors.

Ch 501. **Research.** Hours to be arranged.Ch 503. **Thesis.** Hours to be arranged.Ch 505. **Reading and Conference.** Hours to be arranged.

ECONOMICS

PROFESSOR: CRUMBAKER

FIRST SESSION

Ec 201. **Principles of Economics.** 3 hours.

A study of the institutions, underlying assumptions, and basic concepts of capitalistic economics; a survey of the economics of production and of price determination; attention to distribution of income. MTuWThF, 8:00.

Ec 401. **Research.** Hours to be arranged.Ec 413s. **Money, Banking, and Economic Crises.** (G) 3 hours.

Money, laws controlling its value, methods for measuring price levels, and devices for stabilizing purchasing power; principles of sound banking and use of credit; history and causes of and remedies for crises and panics. MTuWThF, 10:00.

Ec 501. **Research.** Hours to be arranged.Ec 503. **Thesis.** Hours to be arranged.

SECOND SESSION

Ec 401. **Research.** Hours to be arranged.

- Ec 438s. Government Control of Private Business.** (G) 3 hours.
A survey of the movement to subject personal and property rights to Federal and state regulation, with particular emphasis on postwar controls. MTuWThFS, 10:00.
- Ec 475. Economic Theory and Problems.** (G) 2 hours.
Comparative economic systems. MTuWTh, 8:00.
- Ec 501. Research.** Hours to be arranged.
- Ec 503. Thesis.** Hours to be arranged.

EDUCATION

PROFESSORS: HUFFAKER, JACOBSON, JEWELL, KAMBLY, KILLGALLON, STETSON, WOOD.
ASSOCIATE PROFESSORS: DIXON, STEHN. ASSISTANT PROFESSORS: BOUGHTON, GREEN.
VISITING FACULTY: HODGES, SCHWIN.

FIRST SESSION

THE DEBUSK MEMORIAL CLINIC

The summer session of the DeBusk Memorial Clinic provides remedial instruction for persons of all ages over seven who are handicapped by serious and specific learning difficulties in reading, spelling, or arithmetic. Instruction is administered by experienced classroom teachers and trained graduate students under expert supervision. A fee of \$15.00 covers all remedial-instruction costs.

Arrangements for examination and diagnosis of prospective enrollees should be made before the summer session begins. Appointments may be made by communicating with Dr. P. A. Kilgallon, director of the clinic.

The courses listed below are offered in connection with the clinical school for those interested in the education of exceptional children.

- Ed 409. Psycho-Educational Clinic.** (G) 3 or 4 hours.
Practice under supervision in the application of approved diagnostic and remedial techniques in the clinic. Participation in frequent staff conferences on individual cases and a complete, written case report required. MTuWThF, 9:00-12:00. Killgallon.
- Ed 462. Psychology of Exceptional Children.** (G) 3 hours.
Problems and techniques in the educational adjustment of various types of exceptional children. Students are given some latitude in selecting types with which they are particularly concerned for study. MTuWThF, 1:00. Killgallon.

UPPER-DIVISION AND GRADUATE COURSES

- Ed 405. Reading and Conference.** Hours to be arranged.
Open only to students eligible for honors. Individual reading; conferences with members of the faculty.
- Ed 408. Special Teaching Methods (Music).** 2 hours.
Vocal. 2 hours. A particular study of school music for junior and senior high schools. Materials, subject matter, objectives, and procedure. Study of both girl and boy voices; choral materials and their use in group organizations. Observations, reports, and conferences. Prerequisite: consent of instructor. MWF, 10:00. Schwin.
Wind Instruments. 2 hours. The technique of class instruction in wind instruments. Materials, organization, and problems of instrumental music

in public schools. Prerequisite: consent of instructor. MWF, 2:00. Stehn.

Stringed Instruments. 2 hours. The technique of class instruction in stringed instruments. Materials, organization, and problems of instrumental music in public schools. Prerequisite: consent of instructor. MWF, 9:00. Boughton.

Theory. 2 hours. Special application of teaching technique in music theory. Materials, objectives, and procedure. Prerequisite: consent of instructor. MWF, 2:00. Green.

- Ed 435. Audio-Visual Aids in Education.** (G) 3 hours.
The development and use of audio-visual aids in education. Historical background, psychological and educational principles involved, and experimental studies. Emphasis on actual learning situations in which radio, recordings, films, slides, pictures, maps, charts, etc. are utilized. Sources of materials and equipment; administration of program. MTuWThF, 2:00. Wood, Kambly, Hunter.
- Ed 436. Audio-Visual Aids Laboratory.** (G) 1 hour.
Construction of audio-visual materials; operation of equipment; previews of audio-visual material; classroom observation and practice. Prerequisite: Ed 435, unless taken concurrently. TuTh, 3:00-4:30. Wood, Kambly, Hunter.
- Ed 440. 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; emphasis on development of educational philosophies. MTuWThF, 9:00. Jewell.
- Ed 472. Basic Course in School Organization.** (G) 3 hours.
Ed 472, 473, 474 required for all majors in school administration. Ed 472 deals with organization of both grade and high schools; emphasis on the small system. Prerequisite: Ed 311, 312, 313 or teaching experience. MTuWThF, 9:00. Stetson.
- Ed 475. Measurement in Education.** (G) 3 hours.
Construction and desirable uses of various standard tests and scales for measuring achievement in school subjects. Such elements of statistical method taught as are necessary for intelligent use of tests. MTuWThF, 11:00. Kambly.
- Ed 478s. Improvement of the Instructional Program.** (G) 3 hours.
For superintendents, principals, department heads, and experienced teachers preparing for such positions. The study and improvement of objectives of education; the antecedents of satisfactory and unsatisfactory pupil growth; the capacity, interests, and work habits of pupils. Cooperative studies will be undertaken in self-appraisal of teachers at work, curriculum in operation, and materials of instruction in use. Special attention to effect upon learning of various factors in environment. MTuWThF, 1:00. Hodges.
- Ed 480. Pupil Personnel Work.** (G) 3 hours.
Nature and causes of problems in adolescent development and adjustment; procedures and techniques in case work; organization of personnel work; the qualifications, training, and duties of personnel officers. MTuWThF, 8:00. Stetson.
- Ed 501. Educational Research.** Hours to be arranged.
- Ed 503. Thesis.** Hours to be arranged.

- Ed 505. **Reading and Conference.** Hours to be arranged.
- Ed 507. **Seminar: School Finance.** 3 hours.
A study of the major problems of financing education and computing the cost of education. The problem of school revenues, the capital cost of education, budget making. MTuWThF, 8:00. Huffaker.
- Ed 511. **Modern Educational Principles and Problems.** 3 hours.
A general survey, at the graduate level, of recent developments in all fields of education. Emphasis on an evaluation of current trends in the various fields. MTuWThF, 10:00. Kambly.
- Ed 512. **Research Procedures and Thesis Writing.** 3 hours.
The nature and procedures of research in education; the special techniques of thesis writing. Open to graduate students in other fields. Does not take the place of later individual supervision of thesis. MTuWThF, 1:00. Wood.
- Ed 515. **Educational Statistics.** 3 hours.
A brief treatment of the following topics: graphical and tabular presentation of numerical data, measures of central tendency (averages) and dispersion, the normal probability curve, linear correlation and regression. Integrated with Mth 325s. Prerequisite: graduate standing or consent of instructor. MTuWThF, 8:00. Dixon.
- Ed 575s. **Problems of the Elementary-School Principal.** 3 hours.
The major topics to be considered are: problems related to the elementary-school principalship, such as 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; and 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. MTuWThF, 2:00. Hodges.
- Ed 576s. **The School Survey.** 3 hours.
Study of the most recent surveys with a view to discovering the best types of school administration for different kinds of schools. Particular attention to the study of single school systems and single problems within a school system by the survey technique. Development of fact-finding techniques and methods whereby these may be applied directly to the solution of administrative problems. MTuWThF, 10:00. Huffaker.
- Ed 586. **Philosophy of Education.** 3 hours.
Study of the fundamental principles of education, as evaluated by the various schools of philosophical thought. MTuWThF, 11:00. Jewell.

SECOND SESSION

- Ed 316. **Oregon School Law and System of Education.** 2 hours.
Analysis of the Oregon school system and laws on which the system is based. Attention to problems of Oregon schools and plans for solution; course of study; trends in state educational development. MWF, 2:00. Huffaker.
- Ed 405. **Reading and Conference.** Hours to be arranged.
Open only to students eligible for honors. Individual reading; conferences with members of the faculty.
- Ed 460. **Psychology of Childhood.** (G) 3 hours.
Psychological factors in the growth and development of the child.

- Development of physical activities, speech, mental processes, emotional behavior, and socialized activities. MTuWThFS, 11:00. Killgallon.
- Ed 461. **Adolescence: Growth and Development of the Individual.** (G) 3 hours.
Processes through which the normal human being reaches maturity, acquires effective use of his bodily equipment and learning capacity, and makes satisfactory personal and social adjustments. MTuWThFS, 10:00. Jewell.
- Ed 473. **Basic Course in School Administration.** (G) 3 hours.
Relations of the principal to the school board, school building programs, pupil accounting, the teaching staff. Prerequisite: Ed 311, 312, 313 or teaching experience. MTuWThFS, 8:00. Huffaker.
- Ed 476s. **Administration of the Small High School.** (G) 3 hours.
The organization and operation of a secondary school, analyzed in terms of the evaluative criteria and other standards. Points emphasized include: developing a school philosophy, studying community and student needs, formulating school objectives, planning the educational program, evaluating the plant and staff, analyzing administrative functions and procedures, and evaluating outcomes—all leading to plans for school improvement. The techniques of evaluation by the local staff and by visiting committees will be explained. The course is planned for both teachers and administrators. MTuWThFS, 11:00. Jacobson.
- Ed 501. **Educational Research.** Hours to be arranged.
- Ed 503. **Thesis.** Hours to be arranged.
- Ed 505. **Reading and Conference.** Hours to be arranged.
- Ed 543. **History of American Education.** 3 hours.
The intellectual development of America, with special reference to education. Knowledge of American history prerequisite. Open to seniors or on consent of instructor. MTuWThFS, 9:00. Jewell.
- Ed 562. **Advanced Educational Psychology.** 3 hours.
Review of some modern viewpoints in educational psychology; discussion of useful experimental material. Prerequisite: graduate standing or consent of instructor. MTuWThFS, 9:00. Killgallon.

ENGLISH

PROFESSORS: R. ERNST, HORN, LESCH, SOUERS, TROWBRIDGE. ASSOCIATE PROFESSOR: BLACK.
ASSISTANT PROFESSORS: McCLOSKEY, MOORE. INSTRUCTORS: GORDAN, KITTOE, McMULLEN,
MILLS, MUNDLE, OSWALD, SOEHRLEN, STEVENS.
VISITING FACULTY: CRAIG.

FIRST SESSION

- Eng 101. **Survey of English Literature (First Term).** 3 hours.
From *Beowulf* to Milton. MTuWThF, 9:00, Mundle. MTuWThF, 1:00, Trowbridge.
- Eng 102. **Survey of English Literature (Second Term).** 3 hours.
From Milton to Byron. MTuWThF, 8:00, Oswald. MTuWThF, 10:00, Black.
- Eng 103. **Survey of English Literature (Third Term).** 3 hours.
From Byron to the end of the nineteenth century. MTuWThF, 11:00, Souers. MTuWThF, 1:00, Moore.

- Rht 111. **English Composition (First Term)**. 3 hours.
The fundamentals of English composition. MTuWThF, 9:00, Soehren. MTuWThF, 10:00, Oswald. MTuWThF, 11:00, Stevens.
- Rht 112. **English Composition (Second Term)**. 3 hours.
Forms and methods of written exposition. MTuWThF, 10:00, Stevens. MTuWThF, 10:00, Mundle. MTuWThF, 1:00, Oswald.
- Rht 113. **English Composition (Third Term)**. 3 hours.
Narration, description, style. MTuWThF, 8:00, Soehren. MTuWThF, 8:00, Stevens. MTuWThF, 9:00, McCloskey. MTuWThF, 11:00, Soehren.
- Eng 201. **Shakespeare (First Term)**. 3 hours.
Study of the following plays: *A Midsummer Night's Dream*; *Romeo and Juliet*; *Merchant of Venice*; *Richard II*; *Henry IV, Part I*; *Henry IV, Part II*; *Henry V*. MTuWThF, 10:00, McCloskey.
- Eng 202. **Shakespeare (Second Term)**. 3 hours.
Three tragedies and three comedies selected from the following list: *Much Ado About Nothing*; *As You Like It*; *Twelfth Night*; *Julius Caesar*; *Hamlet*; *Othello*. MTuWThF, 8:00, Lesch.
- Eng 203. **Shakespeare (Third Term)**. 3 hours.
King Lear; *Macbeth*; *Antony and Cleopatra*; *Coriolanus*; and either *The Winter's Tale*, *Cymbeline*, or *The Tempest*. MTuWThF, 9:00, Trowbridge.
- Rht 217. **Business English**. 3 hours.
Study of modern practices in business correspondence, primarily for students of business administration. Analysis and writing of the principal types of correspondence. Prerequisite: Rht 111, 112, 113. MTuWThF, 2:00 or MTuWThF, 3:00, Kittoe.
- Eng 261. **Survey of American Literature (First Term)** 3 hours.
From the colonial beginnings to Poe and Hawthorne. Two consecutive terms required to satisfy the high-school teaching-field requirement in English. MTuWThF, 11:00, Black.
- Rht 324. **English Composition for Teachers**. 3 hours.
For students expecting to teach English in high schools. Practice in writing and a review of the rules of composition. Prerequisite: Rht 111, 112, 113. MTuWThF, 1:00, Mundle.
- Eng 361. **Twentieth-Century Literature (First Term)**. 3 hours.
British and American poetry since 1900. MTuWThF, 8:00, Trowbridge.
- Eng 391. **American Novel (First Term)**. 3 hours.
Brackenridge, Cooper, Hawthorne, Melville, Stowe, and Howells. MTuWThF, 8:00, McCloskey.
- Eng 403. **Thesis for Honors Candidates**. Hours to be arranged.
- Eng 405. **Reading and Conference**. Hours to be arranged.
Open only to students eligible for honors.
- Eng 422s. **Types of Prose Fiction (First Term)**. 3 hours.
Significant forms emerging in prose fiction before the death of Scott. MTuWThF, 8:00, Black.
- Eng 428. **Chaucer**. (G) 3 hours.
MTuWThF, 9:00, Souers.

- Eng 430. **Literature of the Renaissance**. (G) 3 hours.
MTuWThF, 11:00, Craig.
- Eng 440. **Shakespeare's Tragedies**. (G) 3 hours.
MTuWThF, 10:00, Craig.
- Eng 503. **Thesis**. Hours to be arranged.
- Eng 505. **Reading and Conference**. Hours to be arranged.

SECOND SESSION

- Eng 101. **Survey of English Literature (First Term)**. 3 hours.
From *Beowulf* to Milton. MTuWThFS, 11:00, Black.
- Eng 102. **Survey of English Literature (Second Term)**. 3 hours.
From Milton to Byron. MTuWThFS, 8:00, Moore. MTuWThFS, 9:00, Horn.
- Eng 103. **Survey of English Literature (Third Term)**. 3 hours.
From Byron to the end of the nineteenth century. MTuWThFS, 10:00, Moore.
- Rht 111. **English Composition (First Term)**. 3 hours.
The fundamentals of English composition. MTuWThFS, 8:00, McMullen. MTuWThFS, 10:00, Gordan.
- Rht 112. **English Composition (Second Term)**. 3 hours.
Forms and methods of written exposition. MTuWThFS, 10:00, Stevens. MTuWThFS, 9:00, Kittoe.
- Rht 113. **English Composition (Third Term)**. 3 hours.
Narration, description, style. MTuWThFS, 8:00, Gordan. MTuWThFS, 9:00, McMullen.
- Eng 201. **Shakespeare (First Term)**. 3 hours.
Study of the following plays: *A Midsummer Night's Dream*; *Romeo and Juliet*; *Merchant of Venice*; *Richard II*; *Henry IV, Part II*; *Henry V*. MTuWThFS, 9:00, Ernst.
- Eng 202. **Shakespeare (Second Term)**. 3 hours.
Three tragedies and three comedies selected from the following list: *Much Ado About Nothing*; *As You Like It*; *Twelfth Night*; *Julius Caesar*; *Hamlet*; *Othello*. MTuWThFS, 8:00, Souers.
- Eng 203. **Shakespeare (Third Term)**. 3 hours.
King Lear; *Macbeth*; *Antony and Cleopatra*; *Coriolanus*, and either *The Winter's Tale*, *Cymbeline*, or *The Tempest*. MTuWThFS, 11:00, Lesch.
- Rht 217. **Business English**. 3 hours.
Study of modern practices in business correspondence, primarily for students of business administration. Analysis and writing of the principal types of correspondence. Prerequisite: Rht 111, 112, 113. MTuWThFS, 11:00, Kittoe.
- Eng 262. **Survey of American Literature (Second Term)**. 3 hours.
Transcendentalists, Cambridge poets, Civil War writings. Two consecutive terms required to satisfy the high-school teaching-field requirement in English. MTuWThFS, 9:00, Mills.
- Eng 327. **American Poetry**. 3 hours.
The chief American poets of the nineteenth and twentieth centuries. MTuWThFS, 10:00, Mills.

- Eng 362. **Twentieth-Century Literature (Second Term)**. 3 hours.
Types of the drama; the naturalistic drama, the drama of idea, the neo-romantic play, the expressionistic experiments. Ibsen, Barker, Shaw, Synge, O'Neill, and others. MTuWThFS, 11:00. Ernst.
- Eng 403. **Thesis for Honors Candidates**. Hours to be arranged.
- Eng 405. **Reading and Conference**. Hours to be arranged.
Open only to students eligible for honors.
- Eng 411s. **English Drama**. (G) 3 hours.
MTuWThFS, 10:00. Lesch.
- Eng 423s. **Types of Prose Fiction (Second Term)**. (G) 3 hours.
Significant forms developing in the English novel from Dickens to the present. MTuWThFS, 11:00. Horn.
- Eng 444. **Milton**. (G) 3 hours.
MTuWThFS, 9:00. Souers.
- Eng 503. **Thesis**. Hours to be arranged.
- Eng 505. **Reading and Conference**. Hours to be arranged.

GENERAL STUDIES

ACTING CHAIRMAN: TAYLOR.

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

In addition to graduate courses offered by the several schools and departments, the following courses are available in the first and second sessions for students working for the M.A. (General Studies) degree:

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

GEOGRAPHY

PROFESSOR: SMITH.

FIRST SESSION

- Geo 405. **Reading and Conference**. Hours to be arranged.
Open only to students eligible for honors.
- Geo 430. **Geography of South America**. (G) 3 hours.
Physical, economic, and human geography of the continent; the outstanding economic, social, and political trends in South America, as influenced by these facts. Prerequisite: Geo 105, 106, 107 or G 101, 102, 103. MTuWThF, 11:00.
- Geo 505. **Reading and Conference**. Hours to be arranged.

GEOLOGY

PROFESSOR: SMITH.

FIRST SESSION

- G 290. **Geology of Oregon**. 3 hours.
Lectures, assigned reading, and field trips, to acquaint the student with some of the salient features of the geology of the state. Prerequisite: G 101, 102, 103. MTuWThF, 2:00.
- G 405. **Reading and Conference**. Hours to be arranged.
Open only to students eligible for honors.
- G 505. **Reading and Conference**. Hours to be arranged.

GERMAN

PROFESSOR: KREMER.

FIRST SESSION

- GL 1. **Elementary German**. 4 hours.
The fundamentals of German grammar; drill in correct pronunciation; diction; conversation; reading and translation of easy prose. MTuWThF, 12:50-2:00.
- GL 305. **Reading and Conference**. Hours to be arranged.
Open only to students eligible for honors.
- GL 320. **Scientific German**. 3 hours.
Reading of representative texts in the various sciences. Time to be arranged.
- GL 334. **German Conversation and Composition**. 2 hours.
Intensive drill in written and oral expression; free composition; dictation; conversation on assigned topics or extempore. MTuThF, 10:00.
- GL 405. **Reading and Conference**. Hours to be arranged.
Open only to students eligible for honors.

SECOND SESSION

If there is sufficient demand, courses in Germanic languages will be offered in the second session.

HISTORY

PROFESSORS: CLARK, FISH. ASSOCIATE PROFESSORS: BREEN, PRICE, WRIGHT.
ASSISTANT PROFESSOR: DULL. INSTRUCTOR: WINTER. VISITING FACULTY: SCHMIDT.

FIRST SESSION

- Hst 104. **History of Western Europe**. 3 hours.
European history and the spread of European civilization from the fall of Rome to 1500. First term of year sequence. MTuWThF, 8:00. Winter.
- Hst 201. **History of the United States**. 3 hours.
The colonial period, the American Revolution, the adoption of the Constitution, and American development down to 1845. First term of year sequence. MTuWThF, 9:00. Price.
- Hst 203. **History of the United States**. 3 hours.
Political, economic, and social history since 1896; the United States as a world power. Third term of year sequence. MTuWThF, 11:00. Winter.

- Hst 207. English History.** 3 hours.
First term of year sequence covering political, economic, social, intellectual, and religious developments. MTuWThF, 9:00. Fish.
- Hst 341. Europe since 1815.** 3 hours.
Europe from 1815 to 1870. First term of year sequence. MTuWThF, 11:00. Wright.
- Hst 377. Oregon History.** 2 hours.
Brief survey of the building of civilization in the Oregon country. MTuWTh, 2:00. Clark.
- Hst 405. Reading and Conference.** 1 to 3 hours.
Individual conferences on assigned readings in a special field, with a written report or an examination. Open only to students eligible for honors.
- Hst 420. Historical Method.** (G) 2 hours.
Introduction to the methods of historical research and writing. Required of history majors; open to others. MTuWTh, 2:00. Winter.
- Hst 431. Renaissance.** (G) 3 hours.
The Italian phase of the Renaissance. MTuWThF, 9:00. Breen.
- Hst 447. Recent Russia.** (G) 3 hours.
The tsarist regime in the late nineteenth century, the revolutions of 1905 and 1917, and the Soviet Union since 1917. MTuWThF, 2:00. Wright.
- Hst 469. Recent England.** (G) 3 hours.
Recent social, political, economic, and intellectual changes in Great Britain. MTuWThF, 10:00. Fish.
- Hst 495. History of China.** (G) 3 hours.
From the Sung Dynasty (960-1276) to the "Second Treaty Settlement" of the Manchus in 1860. Second term of year sequence. MTuWThF, 11:00. Dull.
- Hst 501. Research.** Hours to be arranged.
- Hst 503. Thesis.** Hours to be arranged.
- Hst 505. Reading and Conference.** Hours to be arranged.

SECOND SESSION

- Hst 202. History of the United States.** 3 hours.
General political, economic, social, and military developments, and foreign affairs, 1846-1896. Second term of year sequence. MTuWThFS, 11:00. Winter.
- Hst 342. Europe since 1815.** 3 hours.
Europe from 1870 to 1919. Second term of year sequence. MTuWThFS, 10:00. Fish.
- Hst 405. Reading and Conference.** 1 to 3 hours.
Individual conferences on assigned reading in a special field, with a written report or an examination. Open only to students eligible for honors.
- Hst 411. History of Greece.** (G) 3 hours.
Political and cultural history of ancient Greece. MTuWThFS, 10:00. Breen.

- Hst 432. Renaissance.** (G) 3 hours.
The Renaissance in northern Europe. MTuWThFS, 9:00. Breen.
- Hst 463. British Overseas Empire.** (G) 3 hours.
History of the British empire since 1815. MTuWThFS, 9:00. Fish.
- Hst 474. American Foreign Relations.** (G) 3 hours.
The relations of the United States with other powers, and the development of American foreign policies since 1865. MTuWThFS, 10:00. Schmidt.
- Hst 479. Forces and Influences in American History.** (G) 2 hours.
Geographic influences; influence of the frontier; inheritance and tradition; economic forces; nationalism; sectionalism; manifest destiny; democracy. Prerequisite: Hst 201, 202, 203 or consent of instructor. MTuWTh, 2:00. Winter.
- Hst 489. American Economic History.** (G) 2 hours.
Special aspects of the history of American agriculture. MTuWThF, 9:00. Schmidt.
- Hst 496. History of China.** (G) 3 hours.
History of China from 1860 to the present. Second term of year sequence. MTuWThFS, 11:00. Dull.
- Hst 501. Research.** Hours to be arranged.
- Hst 503. Thesis.** Hours to be arranged.
- Hst 505. Reading and Conference.** Hours to be arranged.

JOURNALISM

ASSOCIATE PROFESSOR: PRICE. ASSISTANT: ALWARD. VISITING FACULTY: LAKE.

FIRST SESSION

- J 111. Elementary Journalism.** 3 hours.
Beginning course in principles and techniques of journalism. The American newspaper; its place in the social order. Fundamentals of reporting, interviewing, news writing. Members of the class will have the opportunity to work on the *Summer Sun*, campus newspaper. No prerequisite. MTuWThF, 10:00. Alward.
- J 331. Reporting.** 3 hours.
First term of year sequence. Study of news originating in the city hall, police station, county building, Federal offices, as well as news of politics. Actual reporting in Eugene and on the campus to familiarize the student with methods of news gathering and writing. Work of the city editor and rewrite man. Lectures, MWF, 8:00; laboratory, MW, 2:00-4:00 or TuTh, 2:00-4:00. Price, Alward.
- J 334s. Copyediting.** 3 hours.
First half of year sequence, which may be completed by continuing in second session with J 335s. Preparation of reporters' copy for publication, headline writing, news analysis, news reference material, vocabulary building. Copy furnished by classes in Elementary Journalism and Reporting and from wire services. Lectures, MTuTh, 1:00; laboratory, MW, 2:00-4:00 or TuTh, 2:00-4:00. Price.
- J 427. Law of the Press.** (G) 3 hours.
The legal struggle for freedom of the press; controls on publication, including libel, contempt of court, right of privacy, postal regulations, copy-

right, regulation of advertising, and rights to gather news. MTuWThF, 11:00. Price.

SECOND SESSION

J 112. Elementary Journalism. 3 hours.

Continuation of J 111. General survey of various journalistic fields, with attention to more advanced news writing; simple human-interest stories and features; study of leading American newspapers of today. MTuWThFS, 10:00. Lake.

J 332. Reporting. 3 hours.

Second term of year sequence. Study of news of the civil and criminal courts, reporting of pretrial procedure and trials, trends in news coverage of court matters. Lectures, MWF, 8:00; laboratory, MW, 2:00-4:00. Lake, Alward.

J 335s. Copyediting. 3 hours.

Second half of year sequence. News judgment, including work of the news and managing editors; newspaper makeup; editorial staff organization and ethical problems of news display. Lectures, MTuTh, 1:00; laboratory, TuTh, 2:00-4:00. Lake.

LIBRARY METHODS

INSTRUCTOR: GEROT. VISITING FACULTY: CHESTER.

FIRST SESSION

Lib 381. Elementary Reference Work. 3 hours.

Study of the card catalog, periodical indexes, the most important reference books in the various fields, and other aids to the location of library materials. Practical problems in the use of reference tools and in bibliography making. MTuWThF, 11:00. Gerot.

Lib 382. Book Selection and Evaluation. 3 hours.

A general survey of the best books and authors, with special attention to books most suitable for school libraries. MTuWThF, 10:00. Gerot.

Lib 384. School-Library Administration. 3 hours.

Emphasis on the vital service the library can render in the smaller school through careful organization and planning. MTuWThF, 1:00. Chester.

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

Instruction and practice in making a dictionary catalog and shelf list in simplified form for a small library. MTuWThF, 2:00-5:00. Chester.

MATHEMATICS

PROFESSOR: MOURSUND. ASSOCIATE PROFESSOR: DIXON. ASSISTANT PROFESSOR: CIVIN.
INSTRUCTORS: S. ANDERSON, SCOBERT. GRADUATE ASSISTANTS: A. ANDERSON, CLUCAS,
RUBENSTEIN. ASSISTANTS: GILBERT, SHERMAN.

FIRST SESSION

Mth 10. Elements of Algebra. 3 hours.

Intended for students who have had less than one year of high-school algebra. MTuWThF, 8:00. Clucas.

*Mth 100a. Intermediate Algebra. 2 hours.

Intended for students who have had only one year of high-school algebra, or who have not had algebra for some time. The first half of a standard

* No credit is given for this course until it is completed in the second session.

course in intermediate algebra. Two sections: MTuWF, 8:00, 10:00. Moursund, Sherman.

*Mth 105a. College Algebra. 2 hours.

More advanced than Mth 100. Prerequisite: One and one-half years of high-school algebra or Mth 100. The first half of a standard course in college algebra. Two sections: MTuWF, 8:00, 10:00. Rubenstein.

*Mth 106a. Plane Trigonometry. 2 hours.

The first half of a standard college course in plane trigonometry. MTuWF, 8:00. Gilbert.

*Mth 108a. Mathematics of Finance. 2 hours.

The first half of a standard college course in mathematics of finance. MTuWF, 10:00. Dixon.

*Mth 200a. Analytical Geometry. 2 hours.

Intended to prepare students for the study of statistics and calculus. The first half of the standard 4-hour course. Prerequisite: trigonometry. MTuWF, 8:00. Scobert.

Mth 201. Differential Calculus. 4 hours.

Standard course in differential calculus. Prerequisite: analytical geometry. MTuWThF, 8:00; other hours to be arranged. S. Anderson.

*Mth 203a. Differential and Integral Calculus. 2 hours.

The first half of the usual third-term of calculus. Prerequisite: two terms of calculus. MTuWF, 11:00. Dixon.

*Mth 313a. Calculus. 2 hours.

Same as Mth 203a, but open only to upper-division students. MTuWF, 11:00. Dixon.

Mth 325s. Elements of Statistical Method. 3 hours.

An introductory course in statistics. Computing machines are available for student use. Integrated with Ed 515. Prerequisite: consent of instructor. MTuWThF, 8:00. Dixon.

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

Topics selected to meet the needs of upper-division students. Open only to students eligible for honors.

Mth 412. Higher Algebra. (G) 3 hours.

Topics selected to meet the needs of students. Prerequisite: consent of instructor. MTuWThF, 11:00. Civin.

Mth 415. Advanced Euclidean Geometry. (G) 3 hours.

An advanced course in plane geometry. Recommended for mathematics teachers. Prerequisite: consent of instructor. MTuWThF, 1:00. Moursund.

Mth 421s. Differential Equations. (G) 3 hours.

Emphasis on solution of problems rather than on theory. Time to be arranged. Civin.

Mth 503. Thesis. Hours to be arranged.

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

Topics selected to meet the needs of graduate students.

* No credit is given for this course until it is completed in the second session.

Mth 507. Seminar: Summability of Series. 3 hours.
MTuWThF, 9:00. Moursund.

SECOND SESSION

Mth 100. Intermediate Algebra. 4 hours.

Prerequisite: Mth 10 or its equivalent in high-school algebra. MTuWThFS, 8:00; other hours to be arranged. A. Anderson.

Mth 100b. Intermediate Algebra. 2 hours.

Continuation of Mth 100a. The second half of a standard course in intermediate algebra. Two sections: MTuWThF, 8:00, 10:00. Sherman, Gilbert.

Mth 105b. College Algebra. 2 hours.

Continuation of Mth 105a. The second half of a standard course in college algebra. Two sections: MTuWThF, 8:00, 10:00. Rubenstein.

Mth 106b. Plane Trigonometry. 2 hours.

The second half of a standard course in plane trigonometry. MTuWThF, 8:00. Gilbert.

Mth 108b. Mathematics of Finance. 2 hours.

The second half of a standard course in mathematics of finance. MTuWThF, 10:00. Dixon.

Mth 200b. Analytical Geometry. 2 hours.

Continuation of Mth 200a. MTuWThF, 8:00. Scobert.

Mth 202. Integral Calculus. 4 hours.

Standard course in integral calculus. Prerequisite: differential calculus. MTuWThFS, 8:00; other hours to be arranged. S. Anderson.

Mth 203b. Differential and Integral Calculus. 2 hours.

Continuation of Mth 203a. MTuWThF, 11:00. Dixon.

Mth 313b. Calculus. 2 hours.

Continuation of Mth 203a. MTuWThF, 11:00. Dixon.

Mth 324s. Advanced College Algebra. 2 hours.

Selected topics, more advanced than Mth 105. Prerequisite: college algebra. MTuWThF, 1:00. S. Anderson.

Mth 326s. Elements of Statistical Method. 3 hours.

Follows Mth 325s. MTuWThF, 8:00; other hours to be arranged. Dixon.

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

Topics selected to meet the needs of upper-division students. Open only to students eligible for honors.

Mth 422s. Differential Equations. 2 hours.

Continuation of Mth 421s. Time to be arranged. Civin.

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

Topics selected to meet the needs of graduate students.

Mth 507. Seminar: Algebra. 2 hours.

MTuWF, 11:00. Civin.

Mth 507. Seminar: Summability of Series. 3 hours.

MTuWThF, 9:00. Civin.

MUSIC

PROFESSORS: HOPKINS, KRATT, MCGREW. ASSOCIATE PROFESSOR: STEHN.
ASSISTANT PROFESSORS: BOUGHTON, GREEN, ELSTON.
INSTRUCTORS: DIETERICH, KELLIS, MILLER, SNYDER.
VISITING FACULTY: SCHWIN.

FIRST SESSION

NO-FEE COURSES

(No supplementary fee, in addition to the regular registration fee.)

Mus 111s. Theory I. 2 hours.

Thorough ground work in the elements of musical science—melodic, harmonic, and rhythmic. Major and minor chords, keys, scales, intervals, and cadences studied in singing, writing, playing, and dictation. MTuWThF, 10:00. Dieterich.

Mus 129. Appreciation of Music. 2 hours.

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

Mus 195. Band. 1 hour.

MTuWThF, 3:00. Stehn.

Mus 196. Orchestra. 1 hour.

MTuWThF, 2:00. Boughton.

Mus 197. Choral Union. 1 hour.

MTuWThF, 1:00. Dieterich.

Mus 314. Harmonic and Structural Analysis. 2 hours.

Thorough study of formal analysis, including the phrase unit, period, two- and three-part song forms, developed ternary forms, sonata, symphony, concerto, etc. MWF, 10:00. Elston.

Mus 318. Public-School Music. 3 hours.

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

Mus 321. Instrumental Conducting. 2 hours.

The principles of conducting and training instrumental organizations. Practical experience in conducting campus organizations. MWF, 8:00. Boughton.

Mus 325. Choral Conducting. 2 hours.

The principles of conducting and training choral organizations. Practical experience in conducting campus organizations. MWF, 9:00. Schwin.

Mus 334. Stringed Instruments. 1 hour.

A study of the stringed instruments of the symphony orchestra. For public-school music students. MWF, 11:00. Boughton.

Mus 335. Wind and Percussion Instruments. 1 hour.

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

- Mus 345. Chamber Music.** 1 hour.
Time to be arranged. Dieterich, Elston.
- Mus 395. Band.** 1 hour.
MTuWThF, 3:00. Stehn.
- Mus 396. Orchestra.** 1 hour.
MTuWThF, 2:00. Boughton.
- Mus 397. Choral Union.** 1 hour.
MTuWThF, 1:00. Dieterich.
- Mus 405. Reading and Conference.** Hours to be arranged.
Open only to students eligible for honors.
- Mus 407. Seminar: Special Problems in Public-School Music.** (G) 2 hours.
Vocal. MWF, 3:00. Schwin.
- Mus 407. Seminar: Special Problems in Public-School Music.** (G) 2 hours.
Instrumental. MWF, 9:00. Stehn.
- Mus 407. Seminar: Special Problems in Piano Pedagogy.** (G) 2 hours.
For teachers of piano. Devoted to discussion, evaluation, and demonstration of problems involved in performing and teaching the representative works in piano literature. MWF, 8:00. Green.
- Ed 408. Special Teaching Methods (Music).** 2 hours.
Vocal. 2 hours. A particular study of school music for junior and senior high schools. Materials, subject matter, objectives, and procedure. Study of both girl and boy voices; choral materials and their use in group organizations. Observations, reports, and conferences. Prerequisite: consent of instructor. MWF, 10:00 Schwin.
Wind Instruments. 2 hours. The technique of class instruction in wind instruments. Materials, organization, and problems of instrumental music in public schools. Prerequisite: consent of instructor. MWF, 2:00. Stehn.
Stringed Instruments. 2 hours. The technique of class instruction in stringed instruments. Materials, organization, and problems of instrumental music in public schools. Prerequisite: consent of instructor. MWF, 9:00. Boughton.
Theory. 2 hours. Special application of teaching technique in music theory. Materials, objectives, and procedure. Prerequisite: consent of instructor. MWF, 2:00. Green.
- Mus 414. Composition I.** (G) 2 hours.
Composition in the smaller forms for piano, voice, and other instruments. Prerequisite: consent of instructor. MWF, 1:00. Elston.
- Mus 431. Advanced Conducting.** (G) 2 hours.
The routine and technique of conducting. Problems of the symphony orchestra and choral groups. Score reading. Actual practice in conducting. Prerequisite: consent of instructor. MWF, 9:00. Elston.
- Mus 503. Thesis.** Hours to be arranged.
- Mus 505. Reading and Conference.** Hours to be arranged.
- Mus 507. Seminar: Music Literature and Criticism.** 2 hours.
A study, from the historical and analytical standpoint, of selected compositions, instrumental and vocal, by outstanding composers. Emphasis on styles—orchestral, dramatic, chamber music, church music, and solo instruments. MWF, 11:00. Elston.

APPLIED MUSIC

- Mus 190. Lower-Division Individual Instruction.** 1 to 2 hours.
Mus 390. Upper-Division Individual Instruction. 1 to 2 hours.
Mus 590. Individual Instruction. 1 to 2 hours.

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

PHILOSOPHY

VISITING FACULTY: LEE.

FIRST SESSION

- Phil 203. Introduction to Philosophy.** 3 hours.
An elementary study of ethical and political theory based on Plato's *Republic*. MTuWThF, 11:00.
- Phil 353. Contemporary Philosophy.** 3 hours.
Some common phases of recent philosophical theory. No prerequisite, but not open to lower-division students. MTuWThF, 2:00.
- Phil 405. Reading and Conference.** Hours to be arranged.
For students who have had previous study of philosophy. Open only to students eligible for honors.
- Phil 505. Reading and Conference.** Hours to be arranged.

PHYSICAL EDUCATION

PROFESSORS: KNOLLIN, THOMSON. ASSOCIATE PROFESSOR: MASSEY. GRADUATE ASSISTANT: LAWSON. VISITING FACULTY: CLOYES, MOORHEAD.

FIRST SESSION

SERVICE COURSES

- PE 180. Elementary and Advanced Physical Education for Women.** 1 hour.
Swimming. Instruction in the fundamental swimming strokes and skills. Emphasis on individual instruction. MTuWThF, 4:00. Lawson.
Tennis. Instruction in strokes and court strategy. Students with no previous training, as well as advanced players, may enroll. MTuWThF, 8:00. Knollin.
Archery. The fundamentals of target shooting; the use and care of equipment; history of archery; various forms of archery; archery meets and the making of archery tackle. MTuWThF, 3:00. Thomson.
- PE 190. Elementary and Advanced Physical Education for Men.** 1 hour.
Swimming. Instruction in the various swimming strokes, adjusted to those enrolled in the course. Swimmers with no skill, as well as those with previous instruction, may enroll. MTuWThF, 4:00. Knollin.
Tennis. Instruction in strokes and court strategy. Students with no previous training, as well as advanced players, may enroll. MTuWThF, 8:00. Knollin.
Archery. The fundamentals of target shooting; the use and care of equipment; history of archery; various forms of archery; archery meets and the making of archery tackle. MTuWThF, 3:00. Thomson.

**Golf*. Instruction in golf fundamentals; use of wood and iron clubs; rules and etiquette. Group instruction and individual criticism. No previous experience necessary. MWF, 3:00-5:00.

PROFESSIONAL COURSES

- PE 227. **Elementary Aquatics**. 2 hours.
For majors. Elementary swimming, diving. MTuWThF, 3:00. Knollin.
- PE 331s. **Physical-Education Laboratory**. 2 hours.
Games of low organization. Methods and materials selected for use in the Oregon program of physical education. MTuWThF, 2:00-4:00. Lawson.
- PE 333s. **Physical-Education Laboratory**. 2 hours.
Folk and square dance. Methods and materials selected for use in the Oregon program of physical education. MTuWThF, 2:00. Lawson.
- PE 361. **Community Health Problems**. 3 hours.
Designed primarily for health teachers in the public schools. Basic community health problems important in health instruction. Prerequisite: junior standing in physical education, or consent of instructor. MTuWThF, 9:00. Cloyes.
- PE 503. **Thesis**. Hours to be arranged.
- PE 506. **Special Problems: Anatomy and Kinesiology**. 3 hours.
Gross anatomy; the skeletal and muscular structure, the circulatory, respiratory, digestive, and neural systems. Body mechanics, applied to calisthenics, gymnastics, and athletics. Prerequisite: two years of biology. MTuWThF, 8:00. Thomson.
- PE 506. **Special Problems: Health-Education Workshop**. 6 hours.
A workshop for health teachers in the public schools. Students enrolled will devote all of their time to this course and to PH 507. Teachers will prepare their teaching materials and outlines for use in their own schools during the school year. MTuWThF, 2:00-4:00.
- PH 507. **Seminar: Social-Hygiene Education**. 3 hours.
For teachers, counselors, and school administrators. Integration of social-hygiene education in Oregon health-instruction courses, grades 7-12. Related aspects of reproduction, marriage and family life, venereal-disease control. Prerequisite: consent of instructor. Time to be arranged. Moorhead.
- PE 507. **Seminar: Measurements and Evaluation in Physical Education**. 3 hours. MTuWThF, 10:00. Massey.
- PE 507. **Seminar: Techniques of Research in Physical Education**. 3 hours. MTuWThF, 11:00. Massey.
- PE 521. **Correctives**. 3 hours.
Basic problems and procedures of corrective physical education. MTuWThF, 4:00. Thomson.
- PE 561. **Physiological Growth Factors**. 3 hours.
The relationship of child growth and development (physical, nutritional, endocrine, and environmental) to the school situation and to the physical activity of the child. Prerequisite: 9 hours of physiology or equivalent. MTuWThF, 1:00. Massey.

* Laurelwood Golf Course. The management will charge a special fee.

SECOND SESSION
PROFESSIONAL COURSES

- PE 328. **Apparatus and Tumbling**. 2 hours.
For majors: MTuWTh, 3:00-5:00.
- PE 362. **Personal Health Problems**. 3 hours.
For health teachers in the public schools. Hygienic care of the body and other personal health problems important in health instruction. Prerequisite: junior standing in physical education, or consent of instructor. MTuWThFS, 8:00.
- PE 363. **Communicable and Noncommunicable Diseases**. 3 hours.
Nature, prevention, and control of common communicable diseases, considered in relation to health instruction in the public schools. Prerequisite: junior standing in science or physical education. MTuWThFS, 9:00.
- PE 503. **Thesis**. Hours to be arranged.
- PE 506. **Special Problems in Physical Education**. Hours to be arranged.
- PE 506. **Problems of Basic Skills and Body Movement**. 2 hours.
Body mechanics; common deviations from normal. MTuWTh, 1:00. Thomson.
- PE 507. **Seminar: Physiology of Exercise**. 2 hours.
Physiological effects of muscular exercise, physical conditioning, and training. Significance of these effects for health and for performance in activity programs. Prerequisite: PE 472. MTuWTh, 8:00. Thomson.
- PE 522. **Correctives**. 3 hours.
Basic problems and procedures of corrective physical education. MTuWThFS, 11:00. Thomson.

PHYSICS

ASSOCIATE PROFESSOR: EBBIGHAUSEN.

FIRST SESSION

- Ph 201s. **General Physics**. 3 or 4 hours.
Properties of matter and mechanics. This course with Ph 201L, is the equivalent of Ph 201, first term of the regular course in general physics. Prerequisite: Mth 105 or equivalent. Lectures (3 hours credit), MTuWThF, 8:00; F, 11:00. Recitations (1 hour credit), MW, 11:00. Ebbighausen.
- Ph 201L. **General Physics Laboratory**. 1 hour.
Designed to accompany Ph 201s. Laboratory fee, \$2.50. TuTh, 9:00-12:00 or MW, 2:00-5:00. Ebbighausen.
- Ph 203a. **General Physics**. 2 or 3 hours.
Light. This course, with Ph 203b, is the equivalent of Ph 203, third term of the regular course in general physics; credit conditional until completion of Ph 203b. Must be preceded or accompanied by Ph 201 or equivalent. Laboratory fee, \$1.25. Lectures, TuThF, 2:00. Recitations to be arranged. Laboratory, M, 2:00-5:00; or Tu, 9:00-12:00; or W, 2:00-5:00; or Th, 9:00-12:00. Ebbighausen.
- Ph 405. **Reading and Conference**. Hours to be arranged.
Open only to students eligible for honors.
- Ph 505. **Reading and Conference**. Hours to be arranged.

Ph 507. **Seminar.** Hours to be arranged.
Topic to be selected.

SECOND SESSION

Ph 202s. **General Physics.** 3 or 4 hours.

Heat and electricity. This course with Ph 202L, is the equivalent of Ph 202, second term of the regular course in general physics. Prerequisite: Ph 201s. Lectures (3 hours credit), MTuWThF, 8:00; F, 11:00. Recitations (1 hour credit) MW, 11:00.

Ph 202L. **General Physics Laboratory.** 1 hour.

Designed to accompany Ph 202s. Laboratory fee, \$2.50. TuTh, 9:00-12:00 or MW, 2:00-5:00.

Ph 203b. **General Physics.** 2 hours.

Sound and modern physics. This course, with Ph 203a, is the equivalent of Ph 203, third term of the regular course in general physics. Prerequisite: Ph 203a. Laboratory fee, \$1.25. Lectures, TuThF, 2:00. Recitations to be arranged. Laboratory, M, 2:00-5:00; or Tu, 9:00-12:00; or W, 2:00-5:00; or Th, 9:00-12:00.

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

Open only to students eligible for honors.

Ph 505. **Reading and Conference.** Hours to be arranged.

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

Topic to be selected.

POLITICAL SCIENCE

PROFESSOR: SCHUMACHER. ASSISTANT PROFESSORS: CAHILL, DULL.
VISITING FACULTY: SHANNON.

FIRST SESSION

PS 201. **American Governments.** 3 hours.

National and state governments. MTuWThF, 10:00. Schumacher.

PS 326. **Comparative Government: British Government.** 3 hours.

Organization and operation of the national government, with special attention to the relations between Parliament and the executive; local government in England. MTuWThF, 8:00. Schumacher.

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

Open only to students eligible for honors. Schumacher, Dull.

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

The nature, organization, and operation of political parties; election and recall of officers; proportional representation; initiative and referendum; civil-service reform. MTuWThF, 9:00. Shannon.

PS 421. **Public Opinion.** (G) 3 hours.

Study of the methods of the formation and control of public opinion. MTuWThF, 11:00. Shannon.

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

PS 505. **Reading and Conference.** Hours to be arranged.

SECOND SESSION

PS 202. **American Governments.** 3 hours.

Continuation of PS 201, offered in the first session. MTuWThFS, 10:00. Cahill.

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

Open only to students eligible for honors. Cahill, Dull.

PS 432. **Contemporary Political Theory.** (G) 3 hours.

Study of the main concepts of political theory, mostly from the works of modern writers. MTuWThS, 8:00. Cahill.

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

PS 505. **Reading and Conference.** Hours to be arranged.

PSYCHOLOGY

ASSISTANT PROFESSORS: CARLSON, McMURTRY. GRADUATE ASSISTANT: JACOBSON.
VISITING FACULTY: BARKER, WRIGHT.

FIRST SESSION

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

Analysis of human behavior and conscious experience from the standpoint of natural science. Learning, reasoning, and perceiving as psychological processes. Sensory functions and nervous organization as explanatory concepts. MTuWThF, 11:00. Wright.

Psy 205. **Applied Psychology.** 3 hours.

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

Psy 208. **General Psychology Laboratory.** 1 hour.

Introduction to experimental methods. First term of laboratory work. Laboratory fee, \$1.00. Two 3-hour laboratory periods a week. TuTh, 2:00-5:00. Jacobson.

Psy 210. **General Psychology Laboratory.** 1 hour.

Third term of laboratory work. Laboratory fee, \$1.00. Two 3-hour laboratory periods a week. MW, 2:00-5:00. Jacobson.

Psy 411. **Genetic Psychology.** (G) 3 hours.

Growth of behavior during the prenatal period, infancy, and childhood. Development of muscular activities, perception, emotional adjustment, intelligence, language, and social behavior in childhood. MTuWThF, 10:00. Barker.

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

Psy 507. **Seminar.** 3 hours.

Problems of motivation. Time to be arranged. Barker, Wright.

SECOND SESSION

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

Maturation and growth in individual development. Motives, emotions, individual differences, intelligence, and personality as an integrative aspect. MTuWThFS, 11:00. Wright.

Psy 205. **Applied Psychology.** 3 hours.

A survey of the ways in which psychology is applied in advertising, salesmanship, market research, measurement of opinion, occupational

placement, development of personal efficiency. Prerequisite: Psy 201, 202. MTuWThFS, 8:00. Carlson.

Psy 209. General Psychology Laboratory. 1 hour.

Second term of laboratory work. Laboratory fee, \$1.00. Two 3-hour laboratory periods a week. TuTh, 2:00-5:00. Jacobson.

Psy 210. General Psychology Laboratory. 1 hour.

Third term of laboratory work. Laboratory fee, \$1.00. Two 3-hour laboratory periods a week. MW, 2:00-5:00. Jacobson.

Psy 412. Adolescence, Maturity, and Senescence. (G) 3 hours.

Study of the behavior changes during preadolescence, adolescence, maturity, and old age. Intended to follow Psy 411. MTuWThFS, 10:00. Barker.

Psy 501. Research. Hours to be arranged.

Psy 507. Seminar. 3 hours.

Time to be arranged. Barker, Wright.

ROMANCE LANGUAGES

PROFESSOR: BEALL. ASSISTANT PROFESSORS: LESAGE, VARGAS-BARON.

FIRST SESSION

RL 1. First-Year French. 4 hours.

Translation of ordinary prose; conversation, grammar, composition. This course is the equivalent of the first term of First-Year French given during the regular academic year. MTuWThF, 8:00; two additional hours to be arranged. Beall.

RL 11. First-Year Spanish. 4 hours.

Translation of common prose; conversation; composition; grammar. This course is the equivalent of the first term of First-Year Spanish given during the regular academic year. MTuWThF, 8:00; two additional hours to be arranged. Vargas-Baron.

RL 207. Spanish Literature. 3 hours.

Third year. Reading of masterpieces of various periods. A general survey of Spanish literature. MTuWThF, 9:00. Vargas-Baron.

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

Open only to students eligible for honors.

RL 314. French Composition and Conversation. 2 hours.

Thorough review of essentials of grammar and pronunciation. Oral and written practice. Recommended as refresher course for teachers of French. MTuWF, 10:00. Beall.

RL 341. Spanish Literature. 3 hours.

Third year. Reading of masterpieces of various periods. A general survey of Spanish literature. Not open to students who have taken RL 207, 208, 209. MTuWThF, 9:00. Vargas-Baron.

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

Open only to students eligible for honors.

RL 503. Thesis. Hours to be arranged.

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

SECOND SESSION

RL 2. First-Year French. 4 hours.

Translation of ordinary prose; conversation, composition, grammar. This course is the equivalent of the second term of First-Year French given during the regular academic year. MTuWThFS, 8:00; two additional hours to be arranged. LeSage.

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

Open only to students eligible for honors.

RL 315. French Composition and Conversation. 2 hours.

Continuation of RL 314, offered in the first session. Further review of essentials of grammar and pronunciation. Oral and written practice. Recommended as a refresher course for teachers of French. Time to be arranged. LeSage.

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

Open only to students eligible for honors.

RL 503. Thesis. Hours to be arranged.

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

SOCIAL SCIENCE

ASSOCIATE PROFESSOR: BREEN.

FIRST SESSION

SSc 101. Background of Social Science. 3 hours.

Orientation in each of the social sciences. First term of year sequence. MTuWThF, 11:00. Breen.

SOCIOLOGY

ASSOCIATE PROFESSORS: BERREMAN, FOSKETT. ASSISTANT PROFESSOR: PARSONS.

FIRST SESSION

Soc 204. General Sociology. 3 hours.

Analysis of social organization and culture; social change and movements as affected by culture and by biological and physical environmental factors. MTuWThF, 10:00. Foskett.

Soc 339. Poverty and Dependency. 3 hours.

The underlying causes of poverty; development of public and private agencies for the amelioration or elimination of poverty. MTuWThF, 9:00. Parsons.

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

Open only to students eligible for honors.

Soc 417. Juvenile Delinquency. (G) 3 hours.

Nature and extent of delinquent behavior; contributing factors; current preventive programs and rehabilitating agencies. Prerequisite: Soc 204, 205, 206, or Soc 415, or consent of instructor. MTuWThF, 11:00. Parsons.

Soc 433. Sociology of the City. (G) 3 hours.

Problems arising from the concentration of population under the complex conditions of modern urban life. Origin and development of cities; social

and political approaches to the concept of the city; principles of city growth. MTuWThF, 8:00. Foskett.

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

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

Soc 507. **Seminar: Social Work.** 3 hours.
Time to be arranged. Parsons.

SECOND SESSION

Soc 205. **General Sociology.** 3 hours.

Second term of year sequence. For description see Soc 204, *First Session*. MTuWThFS, 10:00. Berreman.

Soc 405. **Reading and Conference.** 1 to 3 hours.
Open only to students eligible for honors.

Soc 437. **Sociology of Race Relations.** (G) 2 hours.

Human migrations in recent years, and the consequent development of "race consciousness." Emphasis on race relations as a sociological concept in the general struggle for collective and personal status. MTuWTh, 2:00. Berreman.

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

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

SPEECH AND DRAMA

ASSOCIATE PROFESSORS: CLARK, SEYBOLT. ASSISTANT PROFESSOR: ROBINSON.

FIRST SESSION

SD 130. **Extempore Speaking.** 3 hours.

Speech outlining and organization. MTuWThF, 8:00. Clark.

SD 131. **Extempore Speaking.** 3 hours.

Development of effective delivery. MTuWThF, 9:00. Clark.

SD 141. **Voice and Diction.** 2 hours.

Study and practice of the principles of tone production. Phonetic analysis of English sounds as a basis for pronunciation and for the development of correct and effortless diction. MTuWTh, 11:00. Seybolt.

SD 241. **Interpretation.** 2 hours.

The application of the principles of oral reading to literature. MTuWTh, 11:00. Clark.

SD 340. **Direction of School and Community Plays.** 3 hours.

Designed primarily to familiarize teachers with elementary problems of play production. TuTh, 2:00-4:00; W, 2:00. Seybolt.

SD 353. **Technique of Acting.** 3 hours.

Introduction to the principles of acting technique. Problems in the analysis and presentation of character. MTuWThF, 10:00. Seybolt.

SD 354s. **Pageantry.** 3 hours.

The problems of the pageant as differentiated from play production. For prospective directors of civic or communal theaters. History and social significance of the pageant as an art form. Problems of pageant or festival production; creation, management, direction organization, staging, lighting, costume, makeup, music. Practical laboratory experience in connection with a civic pageant. MW, 7:00-10:00 p.m. Robinson.

Correspondence Courses

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

AGRICULTURE

Farm Accounting

ARCHITECTURE

Mechanical Drawing

House Planning

Stresses

Elementary Structural Design

Lower-Division Landscape

Design

ART

Frechand Drawing

Design I

ASTRONOMY

Astronomy

Astronomy (Short Course)

AVIATION

Air Navigation

Aerodynamics

Airplane Powerplants

Celestial Navigation

BIOLOGY

Biological Science Survey

Bird Study

BOTANY

Introductory Botany

Systematic Botany

Advanced Systematic Botany

Shrubs and Trees

BUSINESS

ADMINISTRATION

Constructive Accounting

Cost Accounting

Business Law

Real-Estate Fundamentals

Problems in Distribution

General Advertising

CITIZENSHIP

Preparation for Citizenship

ECONOMICS

Economic History

Principles of Economics

Outline of Economics

Economics of Business

Organization and Finance

Money, Banking and Economic

Crises

Economic Problems; Economics

of the Recovery Program

EDUCATION

Mental Hygiene

Educational Psychology

Oregon School Law and

System of Education

Health Education

Introduction to Education

Curriculum Construction

General History of Education

History of Modern Education

Child Study

Psychology of Adolescence

Hygiene of Learning

Measurement in Secondary

Education

Character Education

ENGINEERING

Engineering Drawing

Mechanics: Statics

Mechanics: Dynamics

WRITTEN ENGLISH

Principles of Good Writing

Exposition, Narration and

Argument

Introduction to Short Story

Writing

Short Story Writing

Business English

Advanced Writing

Advanced Short Story Writing

Book and Play Reviewing:

A Course in Literary

Criticism

Versification

English Composition for

Teachers

Prose Manuscript

Grammar, Punctuation, and

Usage Review

LITERATURE

Survey of English Literature

Early American Literature

Recent American Literature

Shakespeare

Survey of American Literature

English and American Poetry,

1910-20

Contemporary English Novels

Living Writers

English Novel

Twentieth Century Literature

Nineteenth Century American

Novel

Contemporary American Novel

GEOGRAPHY

General Geography

Geography of North America

GEOLOGY

Geology I

Historical Geology

HISTORY

World History

English History

History of Modern Europe

History of the United States

History of Oregon

Hispanic America

Far East in Modern Times

HOME ECONOMICS

Food Purchasing

Child Development

Household Management

Clothing Selection

House Furnishing

JOURNALISM

Elementary Newswriting

Feature Writing

Newswriting for Publicity

Chairmen

LANDSCAPE

ARCHITECTURE

Lower-Division Landscape

Design

LATIN

Beginning Latin and Caesar

Cicero

Latin Literature: Horace

LIBRARY METHODS

Book Selection and Evaluation

Children's Literature

Cataloging

MATHEMATICS

Elements of Algebra

Elements of Geometry

Intermediate Algebra

Elementary Analysis

College Algebra

Plane Trigonometry

Mathematics of Finance

Introduction to Analysis

(Trigonometry)

Analytical Geometry

Differential and Integral

Calculus

Advanced College Algebra

Theory of Equations

Elements of Navigation

Elements of Statistics

Differential Equations

Refresher Mathematics

MODERN LANGUAGES

First-Year French

Second-Year French

First-Year German

Second-Year German

First-Year Spanish

Second-Year Spanish

PHYSICS

College Physics

History and Teaching of Physics

Meteorology

Advanced Meteorology

Fundamentals of Radio

PHYSIOLOGY

Elementary Physiology

POLITICAL SCIENCE

American National Government

American State and Local

Governments

Preparation for Citizenship

PSYCHOLOGY

General Psychology

Genetic Psychology

Abnormal Psychology

Borderline Psychology

SECRETARIAL SCIENCE

Stenography (Gregg)

Stenography (Thomas)

Typing

Office Organization and

Management

SOCIOLOGY

General Sociology

Criminology

Matrimonial Institutions

Community Problems

Modern Social Problems

ZOOLOGY

Bird Study

Elementary Physiology

HIGH-SCHOOL COURSES

Introduction to Accounting

Elementary Commercial English

English I to VIII

English Composition

English Grammar and Usage

Grammar, Punctuation, and

Usage Review

Beginning Latin

Caesar

Elementary Algebra

Intermediate Algebra

Plane Geometry

Solid Geometry

Physics

Civics

American History

World History

Elementary Economics

Social Problems

Mechanical Drawing

Arithmetic

Biology

Principles of Radio

Spanish

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