

1965 SUMMER SESSION

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UNIVERSITY OF OREGON
EUGENE

BULLETIN



OREGON STATE SYSTEM OF HIGHER EDUCATION

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The University of Oregon in Eugene is situated in the lush Willamette Valley (above), goal of the Oregon Trail pioneers. From this scenic starting point, summer students at the University may take sightseeing trips (organized or on their own) around the state. In Eastern Oregon, fossil beds with rock formations such as the Cathedral (right) may be visited. To the west is the rugged Oregon coast with views such as this one of the majestic Pacific.



You can earn a full term's credit in the University's 1965 11-week summer session. Two sessions are offered: the 11-week, June 21 to September 3; the 8-week, June 21 to August 13. Write for more information on special workshops and conferences to be held in addition to the regular courses to: Director of Summer Sessions, University of Oregon, Eugene, Oregon 97403.



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OF OREGON
SUMMER
SESSION

1965 CATALOG

EUGENE, OREGON

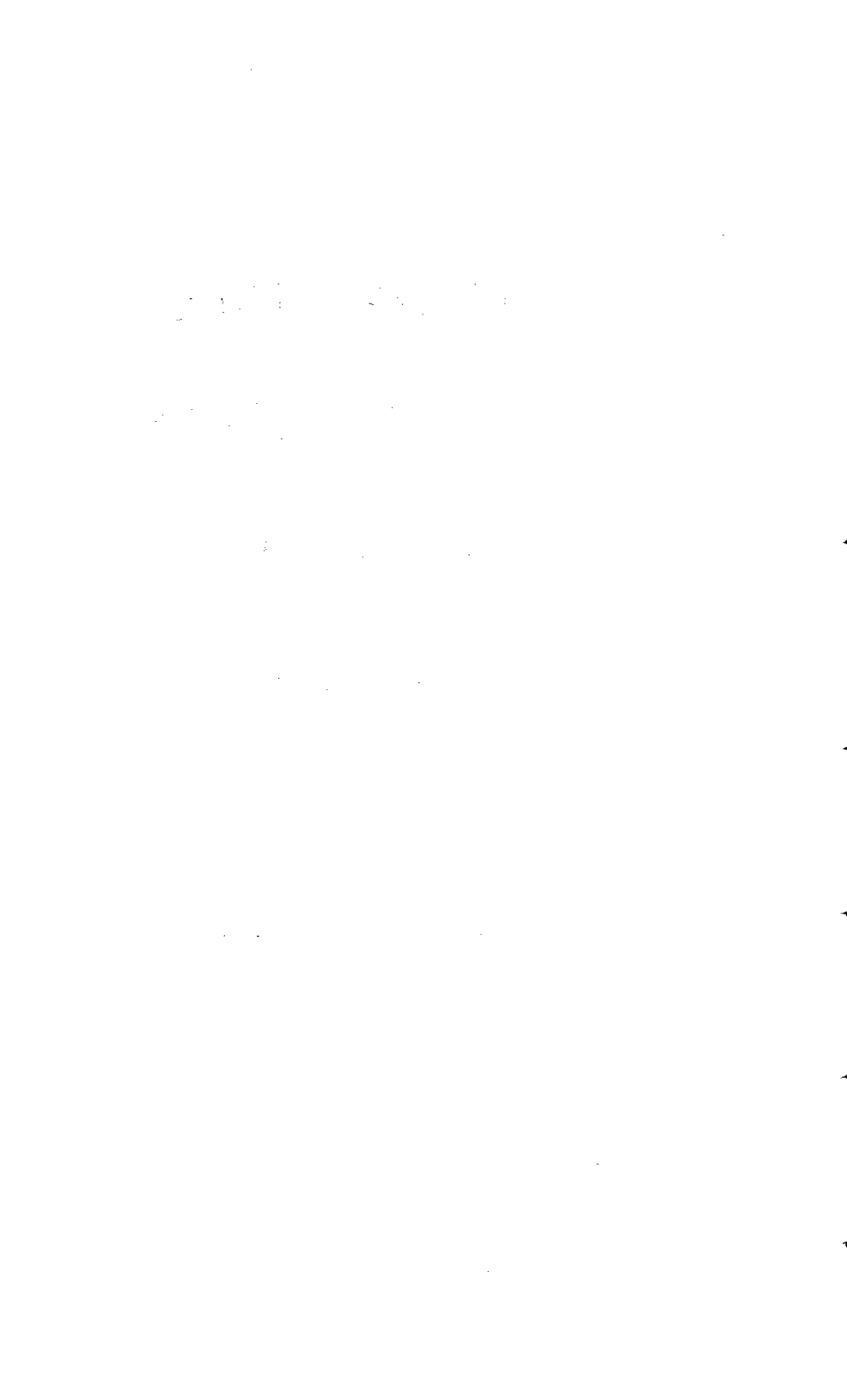


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Calendar, 1965 Summer Session

June 21, <i>Monday</i>	Registration
June 22, <i>Tuesday</i>	Classes begin
June 25, <i>Friday</i>	Last day for payment of summer-term fees without penalty
July 2, <i>Friday</i>	Last day for summer-term registration or addition of courses
July 5, <i>Monday</i>	Independence Day, holiday
July 9, <i>Friday</i>	Last day for withdrawal from summer-term courses
August 13, <i>Friday</i>	Eight-week session ends
August 14, <i>Saturday</i>	Summer Graduation Convocation
September 3, <i>Friday</i>	Eleven-week session ends

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

The institutions of the State System of Higher Education are the University of Oregon at Eugene, Oregon State University at Corvallis, Portland State College at Portland, Oregon College of Education at Monmouth, Southern Oregon College at Ashland, Eastern Oregon College at La Grande, and Oregon Technical Institute at Klamath Falls. The University of Oregon Medical School and the University of Oregon Dental School are located in Portland. The Division of Continuing Education, representing all the institutions, has offices in Ashland, Corvallis, Eugene, La Grande, Monmouth, Portland, and Salem.

At Oregon College of Education, Southern Oregon College, and Eastern Oregon College, students may complete major work in teacher education or general studies or enroll in a preprofessional program. Southern Oregon College also offers a major program in business.

Portland State College offers major work in general studies, liberal arts, and selected professional fields, as well as certain preprofessional programs.

At the University of Oregon and Oregon State University, 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.

Oregon Technical Institute offers technological curricula leading to associate degrees in technical and semiprofessional areas.

An interinstitutional booklet, *Your Education*, which outlines the curricula of the several institutions and contains other information, is available. For a copy, write to Division of Publications, Board of Higher Education, P.O. Box 5175, Eugene, Oregon 97403.

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- R. M. WALES, M.A., Professor of Journalism.
- DWIGHT T. WALLACE, Ph.D., Professor of Anthropology.
- A. A. WALTERS, Ph.D., Professor of Econometrics and Social Statistics, University of Birmingham, England; Visiting Professor of Economics.
- LEWIS E. WARD, Ph.D., Associate Professor of Mathematics.

RUTH WAUGH, M.S., Instructor in Education.

C. C. WEBB, M.A., Associate Professor of Journalism.

AUBREY WENDLING, Ph.D., Professor of Sociology, Duke University; Visiting Professor of Sociology.

DALE W. WILE, M.S., Instructor in Speech.

RUTH A. WILLARD, Ed.D., Associate Professor of Education.

KATHRYN WHYTE, M.A., Instructor in Education.

DONALD I. WOOD, Ed.D., Professor of Education, Rice University; Visiting Professor of Education.

KENNETH S. WOOD, Ph.D., Professor of Speech; Director, Speech and Hearing Clinic.

JANET G. WOODRUFF, M.A., Professor of Physical Education.

CARL WOOTON, B.A., Instructor in English.

WINTHROP R. WRIGHT, Ph.D., Assistant Professor of History, Birmingham State College, Alabama; Visiting Assistant Professor of History.

HOWARD ZIMMERMAN, M.A., Instructor in Education.

ARNULF ZWEIG, Ph.D., Assistant Professor of Philosophy.

L. ZWICKY, Ph.D., Associate Professor of English.

The Summer Program

During the summer of 1965, the University will offer two separate summer sessions. The first is the traditional eight-week summer session. Graduate courses and both upper-division and lower-division courses are offered for those who wish to earn 12 or 13 hours of credit.

In addition, there will be an eleven-week session planned especially for undergraduate students who wish to accelerate their programs or who are interested in earning additional credits. A full-term load of 16 or more credit hours may be carried in this session.

The courses offered during the eight-week and eleven-week sessions are listed in separate sections of this Catalog. For information regarding the special advantages of the full-term session, write to the Director of Summer Sessions, University of Oregon, Eugene.

Undergraduate Work

A large selection of undergraduate courses will be offered in the 1965 summer session; these courses will be closely integrated with course sequences offered during the regular academic year, so that 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 session an excellent opportunity to complete upper-division requirements for a degree.

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

Admission Through Prefreshman Program. Students who are unable to qualify for admission on the basis of their high-school record or test performance may qualify by attendance at a University of Oregon summer session. Nonresident applicants must earn a 2.25 grade-point average on 12 term hours of work, which must include English composition and other courses chosen from the fields of humanities, social science, or science. Resident applicants must earn a 2.00 grade-point average on 9 term hours of work, which must include English Composition and courses from the fields of humanities, social science, or science.

Prefreshman students are urged to write the Office of Admissions for more information prior to the beginning of the summer session.

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.

Admission. A bachelor's degree from an accredited institution is prerequisite to registration as a graduate student. To earn credit toward an advanced degree at the University of Oregon, the student must clear his admission with the University Director of Admissions before registering, preferably before coming to the campus.

Preparation. For a graduate major, preparation at the undergraduate level in the same field is required.

Credit Requirements. For the departmental master's degree the University requires a program of study of not less than 45 term hours.

Grade Requirement. A graduate student is required to earn at least a B grade average to qualify for a graduate degree. A grade-point average of less than 3.00 at any time during the student's graduate studies is considered unsatisfactory, and may result in disqualification by the dean of the Graduate School after consultation with the student's major department or school. Disqualification means reduction to postbaccalaureate standing. Graduate credit will not be granted for a course in which the student earns a grade of D.

Residence Requirement. The residence requirement for the M.A. and M.S. degrees (and all other master's degrees except the M.Ed. or M.B.A.) is 30 term hours of work on the Eugene Campus or at the Medical School, Dental School, or School of Nursing in Portland. The residence requirement for the M.Ed. degree is 30 term hours of graduate work on the University campus or in the Portland summer session of the Division of Continuing Education. A maximum of 36 term hours toward the M.B.A. degree may be earned in courses in the Portland Continuation Center.

Transferred Credit. Not more than 15 term hours of credit may be transferred from another institution toward the master's degree. Transferred credit is provisional until the qualifying examination is taken.

Time Limit. All work for a master's degree, including work for which credit is transferred, thesis, and final examination, must 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, planned in conference with his major adviser. It is expected that the qualifying examination will be taken during the first term of residence, or before 15 term hours have been earned. If satisfactory knowledge and ability are demonstrated, the student is formally advanced to candidacy for the degree sought, subject to the approval of the dean of the Graduate School.

Maximum Course Load. The maximum summer course load for a graduate student devoting full time to graduate study is 13 term hours.

Thesis Registration. All graduate students working for an advanced degree for which a thesis is required must register for Thesis (503). The candidate for the M.A. or M.S. degree with thesis earns 9 term hours of credit for this work; a first draft of the thesis must be accepted by the adviser before the student can register for the final 3 hours. Credit for thesis is granted on a no-grade basis.

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

Opportunities for Teachers

An extensive program has been planned especially to meet the needs of the many teachers who wish to take summer work to improve their professional training.

Under Oregon law, five years of collegiate preparation, including specified work in education and in subject fields, is required for a Standard Certificate. Graduates of standard colleges and universities who have completed a four-year teacher education program may, however, be granted a Basic Certificate valid for three years.

Elementary teachers may renew the Basic Certificate by verifying one year of successful classroom teaching experience during the life of the last Basic Certificate.

For a second basic certificate, 24 term hours of work toward the completion of the fifth-year program are required of junior and senior high-school teachers.

Graduate Program for Teachers. The University offers a program of graduate study planned especially for students working toward the satisfaction of the Oregon state requirement for a fifth year of college work for final high-school teacher certification. The program leads to the M.A. or M.S. degree.

Enrollment in the program is open to any person who is eligible for admission to the Graduate School; the student must, however, have a reasonable background of undergraduate study in the fields in which he proposes to work and must complete prerequisites for specific courses. The requirements for the teaching program are:

(1) A total of between 45 and 51 term hours in graduate courses, distributed in accordance with (a) and (b) below:

(a) A total of 36 term hours in subject fields (work in liberal arts departments or professional schools other than education), distributed in accordance with one of the following options:

Option 1. Between 15 and 21 term hours in each of the two subject fields.

Option 2. A minimum of 36 term hours in one of the following fields: art, biology, business administration, English, French, geography, history, health and physical education, mathematics, music, Spanish.

Option 3. A minimum of 36 term hours in the composite field of social studies or the composite field of science. A program in social studies may include work in the fields of anthropology, economics, geography, history, political science, psychology, and sociology. A program in science may include work in the fields of biology, chemistry, geology, mathematics, and physics.

In each of the options listed above, at least 6 term hours of work must be taken in 500 courses. The student's program must be planned to provide well-rounded knowledge, and must not be made up of scattered, unrelated courses.

For options 1 or 2, 18 term hours in each of the subject fields involved must be presented as an undergraduate prerequisite. For Option 3, the prerequisite is 36 term hours in the composite field involved.

(b) Between 9 and 15 term hours in graduate courses in the field of education, the number of hours to be determined on the basis of the amount of work in education completed by the student as an undergraduate.

(2) Satisfaction of the regular requirements of the Graduate School, except that no thesis is required. The combined total of work transferred from other accredited institutions and work done in the Division of Continuing Education of the Oregon State System of Higher Education cannot exceed 15 term hours.

For the M.A. degree, the student must show, by examination or by adequate undergraduate courses (completion of the second-year college sequence), a reading knowledge of one foreign language, preferably French or German; on petition to the dean of the Graduate School, a student may be permitted to substitute another language, provided it is equally relevant to his program of graduate study. For the M.S. degree there is no foreign language requirement, unless a language is required by a school or department.

The program is administered by the dean of the Graduate School and supervised by the Committee on Interdisciplinary Studies.

Other Graduate Programs. The University also offers departmental master's degrees in a wide variety of teaching fields. Work toward these degrees is especially suited to the need of teachers who wish to limit preparation to one field. At the option of the department, a thesis may or may not be required. Many departments offer programs for the master's degree both with thesis and without thesis.

Teachers may also pursue a program of graduate work leading to the Master of Education degree; this program is especially adapted to the needs of some teachers and educational specialists.

Elementary Education. An undergraduate program in elementary education will be offered in the summer session. Persons who have restricted elementary certificates and wish to secure regular certificates may satisfy requirements through summer study.

Graduate work in elementary education will be offered both for classroom teachers and for supervisors and principals.

Administrative Certificates

Every person holding an administrative position in the Oregon Public Schools must have an administrative certificate. A single administrative certificate, for all administrative positions, is issued by the State Department of Education upon certification by an approved institution that the candidate has completed a comprehensive program in educational administration including 45 term hours of upper-division or graduate study in educational administration after earning of the master's degree.

Before admission to the program in educational administration at the University of Oregon, a candidate must:

- (1) Provide evidence of successful completion of the master's degree in a standard college or university, or the equivalent.

- (2) File formal application for admission to the program on the form provided by the School of Education.

- (3) Achieve a satisfactory score on the Miller Analogies Test and displayed evidence of ability for effective written communication.

- (4) Provide recommendations from at least three persons, evaluating the teaching and administrative experience of the candidate and attesting to the satisfactory performance of the candidate.

- (5) Present a complete program of studies for the two-year graduate program in educational administration or the doctoral program in administration, with the approval of an adviser from the Division of Educational Administration in the School of Education.

- (6) Be recommended for admission by the Committee on Advanced Administrative Programs of the School of Education.

The comprehensive program in educational administration is offered at the University through both the regular academic year and summer sessions.

Registration Procedures

Students will register for the summer session on Monday, June 21; classes will begin Tuesday morning, June 22. Registration will begin at 8:00 a.m. and continue until 4:00 p.m. Students will receive registration materials and further instructions at the Registrar's Office. Registration for presession workshops will be on June 14. Teachers in the Eugene area may register for courses in education on Friday, June 18. Registration material may be picked up in the Registrar's Office. Advisers will be available in the Education Building.

Summer Session Fees

Students attending summer session classes for credit or as auditors pay the same fees. Registration and other summer session fees are listed below. The Business Office is open for payment of fees from 8:00 a.m. to 12:00 noon and from 1:00 to 4:00 p.m., Monday through Friday.

Registration fee, eight-week session.....	\$110.00
Registration fee, eleven-week session.....	\$110.00
Students registering for 8 or more terms hours of work (for credit or as auditors) pay these fees. There is no additional out-of-state fee for the summer session. Graduate students employed as teaching or research assistants during the summer session pay a fee of \$32.00.	
Part-time fee.....	\$28.00 to \$98.00
1 or 2 term hours, \$28.00; 3 term hours, \$42.00; 4 term hours, \$56.00; 5 term hours, \$70.00; 6 term hours, \$84.00; 7 terms hours, \$98.00. Paid also by auditors attending classes carrying a total credit of 7 term hours or less.	
Late-registration fee for full-time students, per day (after initial charge of \$5.00 for the first day late).....	\$1.00
Full-time undergraduate and graduate students pay the late-registration fee if they register after June 25.	
Graduate qualifying examination fee.....	\$1.00 to \$15.00
Staff fee, per term hour.....	\$ 3.00
With the approval of the President's Office, staff members enrolled in University courses pay a special staff fee of \$3.00 per term hour. Full-time staff members (academic or civil service) may enroll under this fee for a limited amount of work for credit, generally for not more than 3 term hours of work in any term; academic staff members employed half-time or more, but less than full time, may enroll under this fee for a maximum of 10 term hours of work. Staff members may be permitted to take noncredit courses at approximately one-third of the fee assessed to other registrants.	
Fees for school psychological services :	
Diagnostic service (school enrolled).....	\$ 5.00
Diagnostic service (preschool and postschool service).....	20.00
Remedial and counseling service.....	10.00
College prep reading service.....	25.00
Adult reading service.....	25.00
Music fees.....	see page 72.

Fee Refunds. Students who withdraw from the summer session and who have complied with the regulations governing withdrawal are entitled to certain refunds of fees paid, depending on the time of withdrawal. A schedule of fee refunds is on file in the University Business Office.

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

University dormitories will be open for the summer session at 9:00 a.m. on Sunday, June 20. Residents should report at Carson Hall, 13th and Beech Streets, upon arrival, to receive dormitory assignment. The first meal served will be breakfast on Monday, June 21. The dormitories will close at 7:00 p.m. on Friday, August 13, for the eight-week session, and at 7:00 p.m. on Friday, September 3, for the eleven-week session. The last meal for the eight-week session served will be the evening meal on Friday, August 13, and on Friday, September 3, for the eleven-week session.

Blankets and bed linen, and the laundry of these items, are furnished by the University. Students must furnish their own towels.

Board and room will be available in the dormitories for both men and women. Supervision is provided for undergraduates.

Freshman students are required to live in dormitories. Other undergraduate students under 21 years of age are required to live either in the dormitories or in houses maintained by organized University living groups (fraternities, sororities, cooperatives), unless their parents request that they be permitted to live off campus in University-approved housing.

Students in dormitories will live in double or single rooms and must board in the dormitories. They may choose seven-day-week board or five-day-week board (the five-day-week board includes Monday breakfast through Friday lunch; students choosing five-day board may purchase week-end meals on a per-meal basis.)

Dormitory facilities will be available for married couples without children, with charges for each person at the regular individual double-room rate. Married couples, to be certain of accommodations, must make advance reservations with the Director of Dormitories, Carson Hall, University of Oregon. Individual applications must be submitted by husband and wife.

No dormitory deposit or advance payment is required for summer session. Room and board charges are payable in advance at the opening of the session. Persons attending eight- or eleven-week sessions may, however, elect to pay in two installments of one-half the total charge. The first installment is due June 21, payable not later than June 30. The second installment is due July 19, payable not later than July 28. A penalty charge of \$1.00 per day up to a maximum of \$5.00 is made if the first installment is not paid by June 30 or if the second installment is not paid by July 28. Dormitory residents enrolled for short courses pay the full charge upon arrival.

Board and room charges are paid at the University Cashier's Office, Emerald Hall. This office is open Monday through Friday, from 8:00 a.m. to 12:00 noon, and from 1:00 p.m. to 4:00 p.m.

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

	Multiple		Single		Contract Board		5-day Total		7-day Total	
	Room	Room	Room	Room	5-Day	7-Day	Multiple	Single	Multiple	Single
Eleven weeks	\$85.00	\$127.50	\$140.00	\$175.50	\$225.00	\$267.50	\$260.50	\$303.00		
Ten weeks	80.00	115.00	128.00	161.50	208.00	243.00	241.50	276.50		
Nine weeks	74.00	102.50	116.00	148.00	190.00	218.50	222.00	250.50		
Eight weeks	68.00	90.00	104.00	134.00	172.00	194.00	202.00	224.00		
Seven weeks	60.50	80.00	92.00	118.50	152.50	172.00	179.00	198.50		
Six weeks	53.00	70.00	80.00	103.00	133.00	150.00	156.00	173.00		
Five weeks	45.50	60.00	68.00	87.50	113.50	128.00	133.00	147.50		
Four weeks	38.00	50.00	56.00	72.00	94.00	106.00	110.00	122.00		
Three weeks	30.50	39.50	42.00	54.00	72.50	81.50	84.50	93.50		
Two weeks	22.00	29.00	28.00	36.00	50.00	57.00	58.00	65.00		
One week	12.50	17.00	14.00	18.00	26.50	31.00	30.50	35.00		
Daily	2.50	3.50	3.25	3.25	5.75	6.75	5.75	6.75		

Charges for single meals are as follows: breakfast, 85 cents; lunch, \$1.00; dinner, \$1.40.

Room and Board in Private Houses. The University Housing Office maintains a list of private rentals available to students, faculty, and staff; this list is not published for mail distribution.

The Housing Office does not make individual rental arrangements; students would be wise to arrive in Eugene at least a week before the beginning of the session to locate suitable housing.

Housing for Married Students. The University operates housing units for married students, some of which will be available for the summer session. Married students interested in these quarters should write to the Director of University Housing, Carson Hall. Married students seeking off-campus living quarters may

obtain a list of off-campus housing accommodations from the Housing Office (see ROOM AND BOARD IN PRIVATE HOUSES, above).

Married students without children may obtain rooms in the dormitories.

Undergraduate Housing Rules. The rules regarding housing which prevail during the regular academic year are applicable to undergraduate students during the summer session. Mature undergraduate teachers are excepted from these rules.

Students under 21 years of age who are not living with parents are required to live in dormitories, cooperative houses, or fraternity or sorority houses unless parental permission to live off campus in quarters found on the approved list maintained by the Housing Office is given to the Office of Student Affairs. Students living with relatives, or working for room and board in the Eugene-Springfield area, may live in other housing with the consent of their parents.

General Information

Forums and Lectures. Evening forums and lectures by visiting lecturers and members of the University faculty will be scheduled each week during the summer session.

Recreation. Everyone who enjoys the outdoors should come prepared to take part in the summer recreation program sponsored by the University. There will be hikes and picnics, 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.

Summer students have the privilege of the use of University gymnasiums, swimming pools, and tennis courts; they will be furnished with swimming suits, lockers, towels, and soap.

Chorus, Orchestra, and Band. A summer chorus, orchestra, and band will be organized. Membership in these organizations will be open to all summer 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 latter part of the session. The purpose of these organizations is recreation and cultural enjoyment, as well as professional training.

High-School Music Summer Sessions. Two special music summer sessions for high-school students will be held on the campus. The first session, June 21-July 3, will be for band students. The second, July 5-15, will be for orchestra students. Observation of the classes and rehearsals of these high-school groups will be interesting and valuable to high-school music teachers.

Summer Emerald. The SUMMER EMERALD, a weekly paper devoted to summer session news, will be published by the journalism classes and distributed free to the faculty and students at the University Co-op Store, Student Union, and School of Education.

Correspondence Study. Students may frequently find a schedule of correspondence courses through which to continue their program of study after the close of the summer session. A correspondence catalog may be obtained from the Continuation Center office on the University campus.

Extension Classes. The Continuation Center welcomes inquiries in regard to extension courses offered in Portland and in other Oregon cities.

Course-Numbering System. The courses in this Catalog are numbered in accordance with the course-numbering plan 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 numbered from 300 to 499. Graduate courses are numbered 500-599. A large (G) following the name of a 400 course indicates that the course may be taken for either major or minor graduate credit. A small (g) following the name of a 400 course indicates that the course is approved for graduate minor credit only.

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 students. Those interested in learning of opportunities for part-time work should write to Employment Secretary, University of Oregon.

University Placement Service. The University maintains a centralized office, the University Placement Service, which assists graduates in securing new or better positions in education, business, or government. The office is located at 246 Susan Campbell Hall.

Students who have taken, or are currently enrolled for, at least 12 term hours of University work, and who are completing degree requirements, are provided initial placement service without charge. Alumni and former registrants who desire to use this service are charged a fee of \$5.00 per year. Registration forms may be obtained upon request.

Museum of Art. The Museum of Art, housing the Murray Warner Collection of Oriental Art and other University art collections, will be open to students during the summer from 11:00 a.m. to 5:00 p.m., Wednesday, Friday, Saturday, and Sunday.

Special exhibits of interest to summer session students will be shown, together with the permanent exhibition of the Murray Warner Collection. The Museum is available for use by classes during morning hours, in addition to regular hours, by advance arrangements with the Museum secretary.

Museum of Natural History. The Museum of Natural History in the Anthropology-Museum Building is open Monday through Friday from 8:00 a.m. to 5:00 p.m. The exhibits in anthropology, biology, geology, and paleontology, are of interest to teachers.

Health Service. Payment of summer sessions fees entitles students to general medical attention and advice at the University Student Health Service. Health Service hours are 8:00 a.m. to 5:00 p.m., Monday through Friday.

Workshops and Conferences

- *BEd 508. **Workshop: Principles and Problems of Business Education.** 3 hours. June 21-July 2.
- *BEd 508. **Workshop: Current Trends in Typewriting.** 3 hours. July 6-16.
- *BEd 508. **Workshop: Secretarial Training.** 3 hours. July 19-30.
- Ed 508. **Workshop: Teaching Geography in the Junior High School.** 3 hours June 21-July 16.
- *Ed 508. **Workshop: Family Finance Education.** June 21-July 16.
- *Ed 508. **Workshop: Elementary-School Administration.** June 14-18.
- *Ed 508. **Workshop: The Student Council.** 3 hours. August 15-27.
- Ed 508. **Workshop: Developing Content and Instructional Media for Latin American Resource Units in the Social Studies.** 6 hours. June 21-July 30.
- Ed 508. **Workshop: Secondary-School Administration.** 3 hours. June 21-July 2.
- *Ed 508. **Workshop: Teaching International Relations in High School.** 6 hours. July 19-August 13.
- GL, RL 508. **Workshop: Methods and Materials for Teaching Modern Languages.** 3 hours. June 21-July 2.
- Mth 405. **Reading and Conference (NSF Undergraduates).** June 21-August 27.
- *Mus 408. **Workshop: Double-Reed Instruments.** 2 hours. June 14-17.
- *Mus 408. **Workshop: An Analytical and Performance Study of the Oratorio Passions of Schuetz, Bach, and Handel.** 2 hours. July 19-23.
- *PE 406. **Coaching Clinic.** June 14-18.
- *PE 408. **Workshop: Secondary-School and College Physical Education.** 1-6 hours. June 21-July 9.
- PE 408. **Workshop: Track and Field.** 2 hours. June 14-18.
- HE 408, 508. **Workshop: Sex Education.** 2 hours. June 14-18.
- *PS 508. **Workshop: Comparative Communist Systems and Ideology.** 6 hours. June 21-July 16.
- *PS 508. **Workshop: Teaching International Relations in High School.** 6 hours. July 19-August 13.
- *Sp 508. **Workshop: Educational Television.** 4 hours. June 14-25.
- Conference for School Administrators: Current Problems in Personnel Administration.** July 12-14.
- ***Mathematics Institute.** June 21-August 14.
- ***High-School Music Summer Session.** June 20-July 2 (band); July 4-16 (orchestra).
- ***Oregon Institute of Marine Biology.** June 21-August 14.
- ***Summer Academy of Contemporary Arts.**
- ***Institute of International Music Education**
 - *MusEd 407. **Key Works of Piano Literature.** July 12-22.
 - *MusEd 407. **Problems of Piano Pedagogy.** July 26-August 3.
 - *MusEd 407. **Introducing Children to Music.** June 21-July 1.
 - *MusEd 407. **Music Education in the Junior High School.** July 5-15.

* Brochures may be obtained by writing to Summer Session, 109-B Education, University of Oregon, Eugene, Oregon 97403.

Eleven-Week Session

Anthropology

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

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

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

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

Biology

Bi 101, 102, 103. **General Biology.** 4 hours each term.

Fundamental principles of life science illustrated by studies of structure; function, and evolution in animals and plants. This is a three-term sequence; the third term is taught in the eleven-week session. Students who have taken one or two terms previously should consult the instructor.

Bi 101. *General Biology. (First Term).* 4 hours.

First four weeks, June 21-July 16. 8-9:30 daily; lab, 9:30-12:30 MWTh.

Bi 102. *General Biology. (Second Term).* 4 hours.

Second four weeks, July 19-August 13. 8-9:30 daily; lab, 9:30-12:30 MWTh.

Bi 103. *General Biology (Third Term).* 4 hours.

Three weeks, August 16-September 3. 8-10 daily; lab, 10-12 daily.

Business Administration

Accounting

Ac 221, 222. **Fundamentals of Accounting.** 6 hours.

Covers the first two terms of the regular three-term sequence in basic accounting. Introduction to accounting as a means of developing information about business enterprises for the use of managers, creditors, investors, and the public. Primary emphasis on analysis and interpretation, rather than on the collection and presentation of financial data. The accounting process, accounting concepts, valuation problems, income determination, and analysis of cost information. 8-10 MWF. Caplan.

Ac 313. **Managerial Accounting.** 3 hours.

Designed for students not specializing in accounting. Emphasis on the use of accounting data by management; preparation, analysis, and interpretation of financial statements, including fund statements, internal accounting reports, budgets, and special cost studies. Credit not granted for both Ac 313 and Ac 350, 351, 352. Prerequisite: Ac 222. 2 MWF. Soha.

Ac 360. **Principles of Cost Accounting.** 3 hours.

Development, presentation, and interpretation of cost information to aid management in planning and controlling business operations; methods of collecting cost information, basic principles of cost reports to management, problems of cost allocation; use of standard costs for control, various concepts of capacity in relation to overhead allocation; cost-volume relationships, variable budgeting, and analysis of differential costs. Prerequisite: Ac 213. 3:30-5 TuTh. Harwood.

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

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

Ac 540. **Administrative Controls.** 3 hours.

Nature of control in human organization; place of control in total management; conventional and developing techniques of control; basic statistical methods for control; the role of the computer in control systems. 8-9:30 TuTh. Harwood.

Business Statistics

BS 232. **Introduction to Business Statistics.** 3 hours.

Modern business decision theory, and statistics as a tool for business decision making. Primary emphasis on statistical description (tables, charts, and frequency distributions) and the elements of probability; consideration of modern data processing, index numbers, and time series analysis (trend, cyclical, and seasonal adjustments) of business data. 11 MWF. Caplan.

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

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

Finance and Business Environment

FBE 320. **Financial Institutions.** 3 hours.

The functions and economic significance of the major financial institutions in the economy that make the savings of society available to consumers, businesses, and governments, including commercial banks, savings banks, savings and loan associations, credit unions, insurance companies, investment trusts, various governmental lending agencies, and international financial institutions. Analysis of each institution and the part it plays in providing the short, intermediate, and long-term credit needs of the users of funds. The commercial banking system in relation to its function of supplying the nation's money supply. The nature and functions of money and credit and the interrelationship of money, credit, and prices as they affect business decisions. Prerequisite: Ec 201, 202, 203. 10 MWF. Anderson.

FBE 464. **Investments.** 3 hours.

Special methods used in analysis of industrial, public utility, railroad, and other securities; taxation of investment income in relation to investment policy; development of sound principles of timing and selection of securities to meet the needs of various types of investment funds. Prerequisite: FBE 463. 1 MWF. Anderson.

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

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

FBE 530. **Managerial Economics.** 3 hours.

The varied forms in which economic concepts appear in the operation of individual business units; emphasis on the approach to problems of management decision making and forward planning through formulation of problems in a conceptually quantitative manner capable of numerical solution. Integration of economic principles with various areas of business administration; the role of uncertainty given particular attention. 1-2:30 TuTh. Ballaine.

FBE 540. **Theory of Financial Management.** 3 hours.

A systematic consideration of fundamental concepts underlying the theory of financial management; emphasis on principles and mathematical models of their operation and consequences; scope of the financial function, objectives of financial management, concept of the cost of capital, costs of external equity capital and retained earnings, combined costs of debt and equity, the cost of new borrowing, leverage and its optimal use; financial decision. 3-4:30 TuTh. Anderson.

FBE 570. **Commercial Banking.** 3 hours.

The role of commercial banks in the economy as suppliers of credit to con-

sumers, business firms, and governments; emphasis on factors involved in managing the sources and use of funds, bank liquidity, and efficacy of the banking structure; analysis of loan and investment policies, capital structure and adequacy, supervision and regulation, and profitability. 9:30-12. Reed.

FBE 575. The Money Market. 3 hours.

Money-market instruments and institutions, and the part they play in the money market of the nation; analysis of the factors that influence the cost and availability of credit and money, including the influence of the Federal Reserve System and the Treasury. The aim is to develop an ability to analyze and appraise money-market trends and developments. 9:30-12 Th. Reed.

Marketing

MIT 323. Elements of Marketing. 3 hours.

The marketing structure of business; analysis of the service functions of marketing—distribution, transportation, storage, grading, financing; problems of merchandising and internal control of the distributive function. 10-11:30 TuTh. Rich.

MIT 442. Analysis of Consumer Behavior. 3 hours.

The consumer-firm relationship analyzed through the application of concepts drawn from contemporary behavioral science to concrete business cases and practices; role theory, theories of attitude, change, and principles of perception given primary emphasis; analysis directed to advertising, display, layout, packaging, design of retail establishments, interpersonal relations of consumer and seller, and business "image." Prerequisite: Psy 201, 202, or Soc 204, 205; Psy or Soc 334. 1-2:30 TuTh. Smith.

MIT 501. Research. Hours to be arranged.

MIT 503. Thesis. Hours to be arranged.

MIT 507. Seminar: Consumer Behavior. 3 hours.

7-10 p.m. Tu. Smith.

MIT 507. Seminar: Marketing Communication. 3 hours.

7-10 p.m. W. Smith.

MIT 520. Marketing Problems and Policies. 3 hours.

Cost controls in distribution, delineation of market areas for the firm and industry, trade-channel analysis, organization for distribution, market-share analysis, product development and innovation, interregional trends. 2-2:30 TuTh. Rich.

Personnel and Industrial Management

PIM 321. Organizations and Interpersonal Relations. 3 hours.

Principles of management applied to commercial and industrial concerns; business planning, policy formulation, establishment of procedures, operations; theory and design of organizational structure; impact of work-flow plans, leadership patterns, and control systems upon human behavior. 1-2:30 TuTh. Seubert.

PIM 329. Production Management. 3 hours.

The planning, operation, and control of mass-production manufacturing; procurement, handling, and control of materials and control of quantity and quality. Ways of setting standards and improving methods; use of motion and time study; automation and automatic processing equipment. Supervision of operating employees and personal relations as they affect production work. Emphasis on principles and relationships rather than specific techniques. Laboratory sessions (including field trips) illustrate selected methods, techniques, and management tools. 8-9:30 TuTh. Seubert.

PIM 412. Personnel Management. 3 hours.

Personnel management in the modern business organization; personnel policies and practices conducive to good relations with employees; personnel problems of small organizations. 10-12:30 TuTh. Seubert.

PIM 501. Research. Hours to be arranged.**PIM 503. Thesis.** Hours to be arranged.**PIM 530. Production Programming.** 3 hours.

Analysis of schematic and mathematical models in the allocation of productive resources in the manufacturing process; linear programming, statistical techniques, and other quantitative norms applied in production control, equipment replacement analysis, economic lot size determination, and quality control. 10-12 W. Vance.

Economics

Ec 201. Principles of Economics. 3 hours.

Economic resources and institutions; income determination and economic stabilization; government financial operations. 8 MWF.

Ec 202. Principles of Economics. 3 hours.

Money, monetary policy, and economics of the firm. 9 MWF.

Ec 203. Principles of Economics. 3 hours.

Factor pricing; domestic and international economic problems. 11 MWF.

Ec 464, 465, 466. Quantitative Economic Analysis. (G) 3 hours each term.

The use of mathematical techniques in economic analysis. Consumption and production theory, programming, input-output; general equilibrium; multiplier, accelerator, growth, and inventory models. Prerequisite: Mth 104, 105, 106. 10-12 MTuWTh.

Education

Ed 508. Workshop: The Student Council. 3 hours.

Aims and objectives of the student council organization, group processes, council problems and projects; evaluation of the council's program. The first week of the program organized in conjunction with high-school leaders' workshop; second week devoted to individual work. 8 a.m.-4 p.m. daily. Hearn.

English

Wr 121. English Composition (First Term). 3 hours.

Fundamentals of English composition. 11 MWF. Campbell. 1 MWF. Bowe. 2 MWF. Bowe.

Wr 122. English Composition (Second Term). 3 hours.

Fundamentals of English composition. 10 MWF. Milowicki.

Wr 123. English Composition (Third Term). 3 hours.

Fundamentals of English composition. 1 MWF. Lee.

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

Anglo-Saxon beginnings to the Renaissance. 1 MWF. Campbell.

Eng 104. Introduction to Literature (First Term). 3 hours.

Study of literature and of the nature of literary experience through the reading of great works of prose and poetry, drawn from English and other literatures. 10 MWF. Lee.

- Eng 105. **Introduction to Literature (Second Term).** 3 hours.
9 MWF. Benoit.
- Eng 107. **World Literature (First Term).** 3 hours.
Study of literary and cultural foundations of the Western world through analysis of a selection of masterpieces of literature, ancient and modern, read in chronological order. 11 MWF. Milowicki.
- Eng 203. **Shakespeare (Third Term).** 3 hours.
Study of the important plays—comedies, histories, and tragedies. 9 MWF. Reinecke.
- Eng 253. **Survey of American Literature (First Term).** 3 hours.
8 MWF. Benoit.
- Eng 428. **Chaucer.** (g) 3 hours.
As much of Chaucer's work read as time permits. 11 MWF. Reinecke.
- Eng 445. **Milton's Major Poems.** (G) 3 hours.
10 MWF. Svendsen.
- Eng 501. **Research.** Hours to be arranged.
- Eng 503. **Thesis.** Hours to be arranged.
- Eng 505. **Reading and Conference.** Hours to be arranged.
Svendsen.
- Eng 507. **Seminar: Mediaeval Literature.** 3 hours.
2-3:30 MW. Reinecke.

Geography

- Geog 105. **Introductory Geography.** 3 hours.
First four weeks, June 21-July 16. A general introduction to the field of geography; emphasis on physical geography. 1-3 MTuWTh. James.
- Geog 106. **Introductory Geography.** 3 hours.
Second four weeks, July 19-August 13. A general introduction to the field of geography; emphasis on regional geography. 1-3 MTuWTh. Hansen.
- Geog 107. **Introductory Geography.** 3 hours.
Three weeks, August 16-September 3. A general introduction to the field of geography; emphasis on cultural geography. 1-3 daily. Speth.
- Geog 201. **Geography of Europe.** 3 hours.
First four weeks, June 21-July 16. Physical, political, and regional economic geography of Europe. 10-12 MTuWTh. Speth.
- Geog 202. **Geography of Latin America.** 3 hours.
Second four weeks, July 19-August 13. Physical, political, and regional economic geography of the Latin American countries. 10-12 MTuWTh. Speth.
- Geog 203. **Geography of Asia.** 3 hours.
Three weeks, August 16-September 3. Physical, political, and regional economic geography of Asia and adjacent islands. 10-12 daily.
- Geog 301. **Geography of Oregon.** 3 hours.
First four weeks, June 21-July 16. The land forms, climate, population, resources, products, and people of the Pacific Northwest, with emphasis on Oregon. 8-10 MTuWTh. Dicken.
- Geog 302. **Geography of North America: Western United States and Canada.** 3 hours.
Second four weeks, July 19-August 13. 8-10 MTuWTh. Merrens.

Geog 303. **Geography of North America: Eastern United States and Canada.** 3 hours.

Three weeks, August 16-September 3. 8-10 daily. Merrens.

Geog 433. **Political Geography.** (G) 3 hours.

Three weeks, August 16-September 3. 10-12 daily. Merrill.

Geog 434. **Economic Geography.** (G) 3 hours.

June 21-August 13. 11-12 MTuWTh. Gregor.

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

June 21-August 13. 10-11 MTuWTh. Hansen.

Health and Physical Education

PE 180, 190, PE 380, 390. **Swimming.** 1 hour.

For men and women. 12 MWF. Ballou.

PE 180, 190, PE 380, 390. **Tennis.** 1 hour.

For men and women. 1 MWF. Ballou.

PE 180, 190, PE 380, 390. **Tennis.** 1 hour.

For men and women. 10-11:30 MW. Ballou.

PE 180, 190, PE 380, 390. **Golf.** 1 hour.

For men and women. 2-4 MW. Ballou.

PE 180, 190, PE 380, 390. **Golf.** 1 hour.

For men and women. 2-4 TuTh. Ballou.

PE 180, 190, PE 380, 390. **Golf.** 1 hour.

For men and women. 10-12 TuTh. Ballou.

HE 250. **Personal Health.** 3 hours.

Study of the personal health problems of university men and women, with emphasis on implications for family life. Mental health, communicable diseases, degenerative diseases, nutrition. Satisfies the University requirement in health education for men and women. 1 MWF. Kime.

History

Hst 101. **History of Western Civilization.** 3 hours.

First four weeks, June 21-July 16. Origins and development of Western Civilization from ancient times to the end of the Middle Ages. 1-3 MTuWTh. Bauman.

Hst 101. **History of Western Civilization.** 3 hours.

Full session. 10 MWF. Baker.

Hst 102. **History of Western Civilization.** 3 hours.

Second four weeks, July 19-August 13. The development of Western civilization from the Renaissance to the end of the Napoleonic era. 1-3 MTuWTh. Bauman.

Hst 103. **History of Western Civilization.** 3 hours.

Three weeks, August 16-September 3. The development of Western civilization since 1815. 1-3 daily. Bauman.

Hst 201. **History of the United States.** 3 hours.

First four weeks, June 21-July 16. The thirteen colonies, the American Revolution, and the United States to about 1840. 10-12 MTuWTh. Evans.

- Hst 202. History of the United States.** 3 hours.
Second four weeks, July 19-August 13. Survey of United States history from 1840 to 1900. 10-12 MTuWTh. Evans.
- Hst 203. History of the United States.** 3 hours.
Three weeks, August 16-September 3. Survey of United States history since 1900. 10-12 daily. Evans.
- Hst 301. Europe since 1789.** 3 hours.
First four weeks, June 21-July 16. Political, social, economic, and cultural trends from the French Revolution to 1870. 10-12 MTuWTh. Day.
- Hst 302. Europe since 1789.** 3 hours.
Second four weeks, July 19-August 13. Political, social, economic, and cultural trends from 1870 to 1918. 10-12 MTuWTh. Day.
- Hst 303. Europe since 1789.** 3 hours.
Three weeks, August 16-September 3. Political, social, economic, and cultural trends since 1918. 10-12 daily. Day.
- Hst 350. Hispanic America.** 3 hours.
First four weeks, June 21-July 16. A study of Hispanic America from the early Indian civilizations through the periods of Spanish conquest and colonization. 8-10 MTuWTh. Wright.
- Hst 351. Hispanic America.** 3 hours.
Second four weeks, July 19-August 13. A survey of Hispanic America during the nineteenth century. 8-10 MTuWTh. Wright.
- Hst 352. Hispanic America.** 3 hours.
Three weeks, August 16-September 3. A survey of Hispanic America during the twentieth century. 8-10 daily. Wright.
- Hst 391. Far East in Modern Times.** 3 hours.
First four weeks, June 21-July 16. Political, economic, and diplomatic history of China, Japan, and Korea, with some attention to Asiatic Russia and the Philippines, from the middle of the nineteenth century to 1895. 1-3 MTuWTh. Harbert.
- Hst 392. Far East in Modern Times.** 3 hours.
Second four weeks, July 19-August 13. Political, economic, and diplomatic history of China, Japan, and Korea from 1895 to 1931. 1-3 MTuWTh. Harbert.
- Hst 393. Far East in Modern Times.** 3 hours.
Three weeks, August 16-September 3. Political, economic, and diplomatic history of China, Japan, and Korea from 1931 to the present. 1-3 daily. Harbert.
- Hst 407. Seminar: The American West.** 3 hours.
Miller.
- Hst 478. History of the Pacific Northwest.** (G) 3 hours.
Detailed study of the building of civilization in the Pacific Northwest. 9 MWF. Miller.

Mathematics

- Mth 10. Elements of Algebra.** No credit.
Intended for students who have had less than one year of high-school algebra. 8 MTuWF.
- Mth 100. Intermediate Algebra.** 4 hours.
Intended for students who have had only one year of high-school algebra or who have not had algebra for some time. 8 MTuWF.

Mth 104. Introductory College Mathematics. 4 hours.

The first term of the standard freshman course. Primarily college algebra and trigonometry. Prerequisite: one and one-half years of high-school algebra, or intermediate algebra in college. 11 MTuWF.

Mth 105. Introductory College Mathematics. 4 hours.

The second term of the standard freshman course. Primarily analytic geometry. Prerequisite: trigonometry or Mth 104. 8 MTuWF.

Mth 200. Calculus with Analytic Geometry. 4 hours.

First four weeks, June 21-July 16. Enrollment restricted to students who are sufficiently well prepared to do the work with little class instruction. 8 MTuWTh.

Mth 201. Calculus with Analytic Geometry. 4 hours.

Second four weeks, July 19-August 13. Prerequisite: Mth 200 or consent of instructor. 8 MTuWTh.

Mth 202. Calculus with Analytic Geometry. 4 hours.

Three weeks, August 16-September 3. Prerequisite: Mth 201 or consent of instructor. 8 MTuWTh.

Mth 204. Analytic Geometry and Calculus. 5 hours.

The first term of a three-term sequence of a unified treatment of the subject. Prerequisite: trigonometry, Mth 105, or consent of instructor.

Mth 206. Analytic Geometry and Calculus. 5 hours.

The third term of a three-term sequence of a unified treatment of the subject. Prerequisite: Mth 205 or consent of instructor. 11 MTuWThF.

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

Mth 407. Seminar: Number Theory. 4 hours.

Requires knowledge acquired in a one-term course in the subject. Prerequisite: consent of instructor. Hours to be arranged.

Mth 407. Seminar: Logic and Set Theory. 4 hours.

Propositional calculus, algebra of sets, functions and relations, cardinal numbers, ordinal numbers, point sets on the real line. 10 MTuWTh. Ward.

Mth 407. Seminar. Hours to be arranged.

First ten weeks, June 21-August 27.

Mth 419. Functions of Several Variables. (g) 4 hours.

Partial differentiation, multiple integrals, and other related topics. Prerequisite: calculus or analytic geometry and calculus. 9 MTuWTh.

Mth 421. Functions of a Complex Variable. (g) 4 hours.

Introductory complex variable theory. Prerequisite: mathematics beyond calculus. 9 MTuWTh. Moursund.

Mth 444. Computing. (g) 4 hours.

First ten weeks, June 21-August 27. IBM 1620 programming and computing. Prerequisite: one year of freshman mathematics or consent. 2 MWF.

Mth 501. Research. Hours to be arranged.

Mth 503. Thesis. Hours to be arranged.

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

Mth 507. Seminar. Hours to be arranged.

Modern and Classical Languages

Classics

CL 60. First-Year Latin (First Term). 4 hours.

First four weeks, June 21-July 16. Fundamentals of Latin grammar. 8-10 daily. Pascal.

CL 61. First-Year Latin (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of CL 60, fundamentals of Latin grammar. 8-10 daily. Pascal.

CL 62. First-Year Latin (Third Term). 3 hours.

Three weeks, August 16-September 3. Completion of the sequence CL 60, 61, 62, the approximate equivalent of First-Year Latin given during the regular academic year; qualifies the student to enter Second-Year Latin. 8-10 daily. Pascal.

French

RL 50. First-Year French (First Term). 4 hours.

First four weeks, June 21-July 16. An introduction to the language, stressing reading, comprehension of the spoken tongue, and the basic principles of French grammar. Equivalent of the first term of First-Year French given during the regular academic year. Two sections: 8-10 daily. Kaps. 10-12 daily. Manning.

RL 51. First-Year French (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of RL 50. Equivalent of the second term of First-Year French given during the regular academic year. Two sections: 8-10 daily. Kaps. 10-12 daily. Manning.

RL 52. First-Year French (Third Term). 3 hours.

Three weeks, August 16-September 3. Continuation of RL 50. Completion of the sequence RL 50, 51, 52, the approximate equivalent of First-Year French given during the regular academic year; qualifies the student to enter Second-Year French. 10-12 daily. Manning.

RL 101. Second-Year French (First Term). 4 hours.

First four weeks, June 21-July 16. Study of selections from representative authors; review of grammar; considerable attention to oral use of the language. Two sections: 8-10 daily. Cooper. 10-12 daily. Sokalski.

RL 102. Second-Year French (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of RL 101. Equivalent of the second term of Second-Year French given during the regular academic year. Two sections: 8-10 daily. Cooper. 10-12 daily. Sokalski.

RL 103. Second-Year French (Third Term). 3 hours.

Three weeks, August 16-September 3. Continuation of RL 102. Completion of the sequence RL 101, 102, 103, the approximate equivalent of Second-Year French given during the regular academic year. Satisfies the language requirement for the B.A. degree. 8-10 daily. Cooper.

German

GL 50. First-Year German (First Term). 4 hours.

First four weeks, June 21-July 16. The fundamentals of grammar, oral drill, translation of prose selections. Equivalent of the first term of First-Year German given during the regular academic year. Recommended for students who wish to acquire a reading knowledge. Two sections: 8-10 daily. McWilliams. 10-12 daily. Bedwell.

GL 51. First-Year German (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of GL 50. Equivalent of the second term of First-Year German given during the regular academic year. Two sections: 8-10 daily. McWilliams. 10-12 daily. Bedwell.

GL 52. First-Year German (Third Term). 3 hours.

Three weeks, August 16-September 3. Continuation of GL 51. Completion of the sequence GL 50, 51, 52, the approximate equivalent of First-Year German given during the regular academic year; qualifies the student to enter Second-Year German. Two sections: 8-10 daily. McWilliams. 10-12 daily. Bedwell.

GL 101. Second-Year German (First Term). 4 hours.

First four weeks, June 21-July 16. Review of grammar and composition; reading of selections from representative authors; conversation. Two sections: 8-10 daily. Hahn. 10-12 daily. Kratz.

GL 102. Second-Year German (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of GL 101. Equivalent of the second term of Second-Year German given during the regular academic year. Two sections: 8-10 daily. Hahn. 10-12 daily. Kratz.

GL 103. Second-Year German (Third Term). 3 hours.

Three weeks, August 16-September 3. Continuation of GL 102. Completion of the sequence, GL 101, 102, 103, the approximate equivalent of Second-Year German given during the regular academic year. Satisfies the language requirement for the B.A. degree. 8-10 daily. Hahn.

GL 301. Survey of German Literature (First Term). 3 hours.

First four weeks, June 21-July 16. German literature from the Middle Ages to the present time; readings from representative authors. Prerequisite: two years of college German. 8 MTuWTh. Bedwell.

GL 302. Survey of German Literature (Second Term). 3 hours.

Second four weeks, July 19-August 13. Continuation of GL 301. Equivalent to the second term of the Survey of German Literature given during the regular academic year. 8 MTuWTh. Bedwell.

GL 303. Survey of German Literature (Third Term). 3 hours.

Three weeks, August 16-September 3. Completion of the sequence 301, 302, 303; qualifies the student to enter 400 (G) courses in German literature. 8 MTuWTh. Bedwell.

GL 421. German Literature of the Twentieth Century (First Term). (G) 2 hours.

First four weeks, June 21-July 16. Representative prose, poetry, and drama by contemporary German authors and those of the recent past; particular attention to experimental forms in the theatre, from Hauptmann to Zuckmayer, and to the novels of Thomas Mann and Herman Hesse. Prerequisite: Survey of German Literature. 9 MTuWTh. Nicholls.

GL 422. German Literature of the Twentieth Century (Second Term). (G) 2 hours.

Second four weeks, July 19-August 13. Continuation of GL 421. 9 MTuWTh. Nicholls.

GL 423. German Literature of the Twentieth Century (Third Term). (G) 2 hours.

Three weeks, August 16-September 3. Completion of the sequence GL 421, 422, 423. 9 MTuWTh. Nicholls.

Italian

RL 70. First-Year Italian (First Term). 4 hours.

First four weeks, June 21-July 16. Grammar, pronunciation, composition, and translation of modern authors. Equivalent of the first term of First-Year Italian given during the regular academic year. 10-12 daily. Hatzantonis.

RL 71. First-Year Italian (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of RL 70. Equivalent of the second term of First-Year Italian given during the regular academic year. 10-12 daily. Hatzantonis.

RL 72. First-Year Italian (Third Term). 3 hours.

Three weeks, August 16-September 3. Completion of the sequence RL 70, 71, 72, the approximate equivalent of First-Year Italian given during the regular academic year; qualifies the student to enter Second-Year Italian. 10-12 daily. Hatzantonis.

Russian

SL 50. First-Year Russian (First Term). 4 hours.

First four weeks, June 21-July 16. The elements of the Russian language. Elementary reading, composition, and conversation. 8-10 daily. Tolson.

SL 51. First-Year Russian (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of SL 50. Equivalent of the second term of First-Year Russian given during the regular academic year. 8-10 daily. Tolson.

SL 52. First-Year Russian (Third Term). 3 hours.

Three weeks, August 16-September 3. Completion of the sequence SL 50, 51, 52, the approximate equivalent of First-Year Russian given during the regular academic year; qualifies the student to enter Second-Year Russian. 8-10 daily. Tolson.

Spanish

RL 60. First-Year Spanish (First Term). 4 hours.

First four weeks, June 21-July 16. An introduction to Spanish, stressing speaking and reading; exercises in elementary composition. Equivalent of the first term of First-Year Spanish given during the regular academic year. Two sections: 8-10 daily. Dunbar. 10-12 daily. Nobile.

RL 61. First-Year Spanish (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of RL 60. Equivalent of the second term of First-Year Spanish given during the regular academic year. Two sections: 8-10 daily. Dunbar. 10-12 daily. Nobile.

RL 62. First-Year Spanish (Third Term). 3 hours.

Three weeks, August 16-September 3. Continuation of RL 61. Completion of the sequence RL 60, 61, 62, the approximate equivalent of First-Year Spanish given during the regular academic year; qualifies the student to enter Second-Year Spanish. 8-10 daily. Dunbar.

RL 107. Second-Year Spanish (First Term). 4 hours.

First four weeks, June 21-July 16. Intensive oral and written exercises designed to help the student acquire an accurate and fluent use of Spanish; study of selections from representative authors. 8-10 daily. Carter.

RL 108. Second-Year Spanish (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of RL 107. Equivalent of the second term of Second-Year Spanish given during the regular academic year. 8-10 daily. Carter.

RL 109. Second-Year Spanish (Third Term). 3 hours.

Three weeks, August 16-September 3. Continuation of RL 108. Completion of the sequence, RL 107, 108, 109, the approximate equivalent of Second-Year Spanish given during the regular academic year. Satisfies the language requirement for the B.A. degree. 8-10 daily. Carter.

Physics

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

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

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

Ph 507. **Seminar: Theoretical Physics.** Hours to be arranged.

Ph 507. **Seminar: Nuclear Physics.** Hours to be arranged.

Ph 507. **Seminar: Solid State Physics.** Hours to be arranged.

Political Science

PS 201. American Government. 3 hours.

An introduction to the study of forms of government, public policy, public opinion, and political parties in the United States. 8 MWF. Hanhardt.

PS 391. Far East in Modern Times. 3 hours.

First four weeks, June 21-July 16. Political, economic, and diplomatic history of China, Japan, and Korea, with some attention to Asiatic Russia and the Philippines, from the middle of the nineteenth century to 1895. 1-3 MTuWTh. Harbert.

PS 392. Far East in Modern Times. 3 hours.

Second four weeks, July 19-August 13. Political, economic, and diplomatic history of China, Japan, and Korea from 1895 to 1931. 1-3 MTuWTh. Harbert.

PS 393. Far East in Modern Times. 3 hours.

Three weeks, August 16-September 3. Political, economic, and diplomatic history of China, Japan, and Korea from 1931 to the present. 1-3 daily. Harbert.

PS 508. Workshop: Comparative Communist Systems and Ideology. 6 hours.

June 21-July 16. Designed especially to assist teachers of social studies at the secondary level. Open only to persons sponsored by their local school districts and accepted by the Oregon State Department of Education. Elementary teachers will be accepted if secondary teacher registration does not reach 50 by the registration deadline of May 15, 1965. Director: J. R. Fizman.

Sociology

Soc 204. General Sociology. 3 hours.

First four weeks, June 21-July 16. Introduction to basic sociological problems. A frame of reference, selected hypotheses, and empirical generalizations in connection with these problems; dominant characteristics of modern societies; the relation between the individual and the group. 10-12 MTuWTh. Jackson.

Soc 205. General Sociology. 3 hours.

Second four weeks, July 19-August 13. Types of social groups; economic, political, and control components or groups. Prerequisite: Soc 204. 10-12 MTuWTh. Jackson.

Soc 206. General Sociology. 3 hours.

Three weeks, August 16-September 3. Analysis of the control components of groups; kinship, religion, and social stratification; social change, population, and ecology. Prerequisite: Soc 204, 205. 10-12 daily. Jackson.

Soc 334. Social Psychology. 3 hours.

First four weeks, June 21-July 16. Analysis of psychological processes in relation to social situations; how languages, perception, learning, thinking, motivation, and attitudes determine and result from social interaction and group processes. Prerequisite: Soc 204, 205 or Psy 201, 202. 10-12 MTuWTh. Lansky.

Soc 335. Social Psychology. 3 hours.

Second four weeks, July 19-August 13. Analysis of psychological processes in relation to social situations; how languages, perception, learning, thinking, motivation, and attitudes determine and result from social interaction and group processes. Prerequisite: Soc 204, 205 or Psy 201, 202. 10-12 MTuWTh. Bramel.

Soc 445. Sociology of Race Relations. (g) 3 hours.

Three weeks, August 16-September 3. The development of "race consciousness" and emergent problems of race-culture contacts. Prerequisite: introductory course in sociology, anthropology, or psychology. 8-10 daily. Thompson.

Eight-Week Session

Anthropology

Associate Professor: SMITH.

Assistant Professor: WALLACE.

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

Anth 408. **Field Work in Anthropology.** (G) 6 hours.

Introduction to archaeological field techniques by excavation of a local site; lectures and laboratory in techniques; lectures and readings in Northwest prehistory. 3-5 MW; 8-5 F; 2 weekends. Wallace.

Anth 456. **Language, Culture, and Behavior.** (G) 3 hours.

A critical synthesis of cultural anthropology, linguistics, and communication theory; human interaction through behavioral and linguistic codes, verbal and nonverbal signals, channels and networks, feedback and equilibrium in small groups, large groups, and cross-cultural groups. 11 MTuWTh. Smith.

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

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

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

Anth 507. **Seminar: Scope and Methods of the Social Sciences.** 3-6 hours.

The background and perspectives of each of the social science disciplines—anthropology, economics, political science, psychology, and sociology. Selected aspects of social organization and process considered in detail. 8-10 MTuWTh. Smith.

Anth 507. **Seminar: Problems of Modern Africa.** 6-8 hours.

See page 82.

Architecture and Allied Arts

Visiting Faculty: BRAUN, MASLEY.

Professor: FERENS.

Associate Professors: BURGNER, FOSTER, JAMES, NIXON.

Instructors: LOLCAMA, STARCK, TETZNER.

Lecturer: BATISTA.

Applied Design

AA 255. **Ceramics.** 2-3 hours.

Introduction to ceramic techniques and materials; throwing, molding, and hand building; surface decoration of two- and three-dimensional surfaces. Students participate in stacking, firing, and drawing the kiln. Open to non-majors. 10-12 MTuWTh, 1-3 MTuWTh. James.

AA 256. **Beginning Weaving.** 2-3 hours.

Introduction to basic weaving techniques; the dressing, care, and manipulation of several types of looms; experimentation with a wide variety of fibers; production of textiles of original design on four- and ten-harness looms. 1-3 MTuWTh. Nixon.

AA 257. Metalwork and Jewelry. 2-3 hours.

The handworking of nonferrous metals—copper, brass, pewter, silver, gold. Development of design for metal objects; enameling on metal; centrifuge casting. 8-10 MTuWTh. Nixon.

AA 401. Special Studies. Hours to be arranged.**AA 401. Special Studies: Ceramics.** Hours to be arranged.**AA 405. Reading and Conference.** Hours to be arranged.**AA 455. Advanced Ceramics.** (G) 2-3 hours.

Advanced studio work; individual projects; emphasis on creative form. Study of material, texture, and functional relationships; body and glaze making; earthenware, stoneware, and porcelain; kiln atmosphere and effects on body glaze. Students assume responsibility for firing their own work. Prerequisite: 6 hours in AA 255. 8-10 MTuWTh. James.

AA 456. Advanced Weaving. (G) 2-3 hours.

Emphasis on creative work. Production of a wide variety of handwoven fabrics; historical studies, fabric analysis, spinning, and dyeing. 10-12 MTuWTh. Nixon.

AA 457. Advanced Metalwork and Jewelry. (G) 2-3 hours.

Emphasis on creative work. Advanced problems of forging, centrifuge casting, enameling, etching, and repousse. 10-12 MTuWTh. Nixon.

AA 501. Special Studies. Hours to be arranged.**AA 501. Special Studies: Ceramics.** Hours to be arranged.**AA 505. Reading and Conference.** Hours to be arranged.

Architecture

AA 587. Architectural Design. 1-6 hours.

No-grade course. Offered only for students nearing completion of terminal project. Prerequisite: consent of instructor. 8-12 MTuWTh. Ferens, Batista.

Art Education

ArE 316. Children's Art Laboratory. 2 hours.

June 21-July 30. Work with children in a supervised art laboratory; designed for students preparing for art teaching at both the elementary and secondary level. 8-10 MTuWTh. Burgner.

ArE 401. Special Studies: Art in Elementary Schools. 3 hours.

Critical examination of the significance of art experience for teacher and student in the primary and intermediate grades. Lectures and laboratory. 8-10 MTuWTh. Tetzner.

ArE 401. Special Studies: Art in Junior and Senior High School. 2-3 hours.

July 5-August 13. Study of significant art experiences for junior and senior high school students. Laboratory, lecture, and discussion periods. 10-12 MTuWTh. Masley.

ArE 401. Special Studies. Hours to be arranged.

June 21-July 16; July 19-August 13; June 21-August 13.

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

June 21-July 16; July 19-August 13; June 21-August 13.

ArE 411. Methods and Research Materials: Art in Elementary Schools. (G) 2 hours.

June 21-July 16. The effective use of ideas and materials in creative activities; research, methods, and current literature in the field. Prerequisite: one year's teaching experience or academic work in the visual arts. 10-12 MTuWTh. Tetzner.

- ArE 411. **Methods and Research Materials: Art in Elementary Schools.** (G) 2 hours.
 July 19-August 13. The effective use of ideas and materials in creative activities; research methods, and current literature in the field. Prerequisite: one year's teaching experience or academic work in the visual arts. 10-12 MTuWTh. Tetzner.
- ArE 501. **Special Studies: Design for a Secondary Art Program.** 2-3 hours.
 July 5-August 13. 10-12 MTuWTh. Masley.
- ArE 501. **Special Studies.** Hours to be arranged.
 June 21-July 16; July 19-August 13; June 21-August 13.
- ArE 505. **Reading and Conference.** Hours to be arranged.
 June 21-July 16; July 19-August 13; June 21-August 13.
- ArE 507. **Seminar: Art Education; The Philosophical Controversy.** 2 hours.
 July 19-August 13. 9 TuWTh. Masley.
- ArE 532. **Supervision of Children's Art Laboratory.** 3 hours.
 June 21-July 30. Designed to provide an opportunity for work with children in a planned laboratory situation; responsibility for program design and supervision of children's art activities. Prerequisite: teaching experience or consent of instructor. 8-10 MTuWTh. Burgner.

Drawing and Painting

- AA 290. **Painting.** 2-3 hours.
 Instruction in the use of oil color, water color, and other media. 8-10 MTuW. Foster.
- AA 291. **Drawing.** 1-3 hours.
 Training in observation and selection of significant elements. 10-12 MTuW. Foster.
- AA 295. **Basic Design.** 2 hours.
 Studio participation exercises involving the basic principles of design; a three-term introductory sequence. Open to nonmajors. 8-10 MTuW. Starck.
- AA 349. **Fundamentals of Print Making.** 3 hours.
 Graphic reproduction and print techniques in silk screen, block printing, and photographic processes. 1-3 MTuWTh. Starck.
- AA 401. **Special Studies.** Hours to be arranged.
- AA 401. **Special Studies: Beginning Lettering.** Hours to be arranged.
 10-12 MTuW. Starck.
- AA 405. **Reading and Conference.** Hours to be arranged.
- AA 438. **Contemporary Painting.** (G) Hours to be arranged.
- AA 490. **Advanced Painting.** (G) 2-4 hours.
 Advanced problems in portrait figure, landscape, and still life, in all media. Prerequisite: 12 hours in AA 290 or AA 390. 9-12 MTuWTh.
- AA 491. **Advanced Drawing.** (G) 1-4 hours.
 Advanced work in drawing. Study of form from the figure. Prerequisite: 6 hours in AA 291 or AA 391. 1-3 MTuWTh.
- AA 493. **Visual Continuity.** 1-3 hours.
 Study of the problems in image sequence and continuity in printed material, display, photography, and film. Prerequisite: consent of instructor. 1-3 MTuW. Foster.
- AA 501. **Special Studies.** Hours to be arranged.
- AA 501. **Special Studies: Advanced Printmaking.** Hours to be arranged.
- AA 505. **Reading and Conference.** Hours to be arranged.

AA 509. **Terminal Creative Project.** Hours to be arranged.

AA 590. **Graduate Studies in Painting, Drawing, and Design.** Hours to be arranged.

History of Art

AA 346. **History of Painting.** 3 hours.

Chronological and interpretative study of the language of painting. Emphasis on the development of painting from the Renaissance to the nineteenth century. 1 MTuWTh.

AA 401. **Special Studies.** Hours to be arranged.

Braun.

ArE 401. **Special Studies: Art History in the Secondary School Curriculum.** (G) 3 hours.

Teaching of art history in the secondary-school instructional program; historical and critical approaches to the study of painting, sculpture, and architecture. Illustrated lectures, readings, and class discussions. Of particular interest to librarians and to history, art, and social science teachers. Braun.

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

Braun.

AA 476. **Background of Modern Art.** (G) 3 hours.

Intensive study of the development of art in the nineteenth and early twentieth centuries. Prerequisite: AA 201, 202, 203 or AA 204, 205, 206. 9 MTuWTh. Braun.

AA 501. **Special Studies.** Hours to be arranged.

Braun.

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

Braun.

Sculpture

AA 293. **Elementary Sculpture.** 2-4 hours.

Introduction to materials. Elementary considerations of form; technical and compositional exercises in clay, plaster, wood, and stone. 1-3 MTuWTh.

AA 401. **Special Studies.** Hours to be arranged.

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

AA 494. **Advanced Sculpture.** (G) 2-4 hours.

Coordination of sculpture with related fields of architectural, landscape, interior, and industrial design. 9-12 MTuWTh.

AA 501. **Special Studies.** Hours to be arranged.

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

Biology

Visiting Faculty: HINTON, MURPHY.

Instructors: JOHNSON, KARR.

Bi 101, 102. **General Biology.** 4 hours each term.

Fundamental principles of life science illustrated by studies of structure, function, and evolution in animals and plants. This is a three-term sequence; the third term is taught in the eleven-week session. Students who have taken one or two terms previously should consult the instructor.

- Bi 101. *General Biology. (First Term).* 4 hours.
First four weeks, June 21-July 16. 8-9:30 daily; lab, 9:30-12:30 MWTh.
- Bi 102. *General Biology. (Second Term).* 4 hours.
Second four weeks, July 19-August 13. 8-9:30 daily; lab, 9:30-12:30 MWTh.
- Bi 333. **Plant Morphology.** 4 hours.
Comparative study of the structure and life histories of representatives of the important plant phyla. Prerequisite: Bi 101, 102, 103. 1 MWF; lab, 2-5 MWF.
- Bi 355. **Comparative Anatomy.** 4 hours.
Systematic study, dissection, and identification of vertebrate structures and anatomical relations; 3 lectures; 3 three-hour laboratory periods. Not open to students who have credit for Bi 362, 363, 364. Prerequisite: Bi 101, 102, 103. 1 MWF; lab, 2-5 MWF.
- Bi 372. **General Ecology.** 4 hours.
Examination of the interrelationships of the organisms and their functions. For nonmajors and majors who do not plan further work in ecology. Prerequisite: Bi 101, 102, 103. 10-12 TuThS; all day Saturday.
- Bi 401. **Research.** Hours to be arranged.
- Bi 403. **Thesis.** Hours to be arranged.
- Bi 405. **Reading and Conference.** Hours to be arranged.
- Bi 407. **Seminar.** Hours to be arranged.
- Bi 408. **Laboratory Projects.** Hours to be arranged.
- Bi 422. **Introduction to Genetics.** (g) 3 hours.
An introduction to the fundamental principles of genetics. Prerequisite: Bi 101, 102, 103. 7:30-9 MWF.
- Bi 423. **Genetics Laboratory.** (G) 2 hours.
Fundamental principles of genetics illustrated by experiments with *Drosophila* and other organisms. 2 four-hour laboratory periods. Prerequisite: Bi 422; may be taken concurrently. 9-1 MW.
- Bi 459. **Ornithology.** (G) 3 hours.
Natural history of birds, with emphasis on behavior. Prerequisite: Bi 101, 102, 103. 6-9 TuTh.
- Bi 494. **Laboratory and Field Methods in Biology.** (G) 4 hours.
Designed especially to meet the needs of biology teachers. Field collection, identification, and culturing of living material; utilization of this material in the biology teaching laboratory. The student should be prepared for numerous field trips, including several week ends, for exploration of the various kinds of habitats found in the Northwest. Prerequisite: consent of the instructor. 1-5 TuTh. Murphy.
- Bi 501. **Research.** Hours to be arranged.
- Bi 503. **Thesis.** Hours to be arranged.
- Bi 505. **Reading and Conference.** Hours to be arranged.
- Bi 507. **Seminar.** Hours to be arranged.

Oregon Institute of Marine Biology

The courses listed below will be offered at the Oregon Institute of Marine Biology, Charleston, Oregon. Detailed description of these courses is published in a special announcement available on request to the Director of Summer Sessions or to Dr. R. W. Castenholz, director, Oregon Institute of Marine Biology, Department of Biology, University of Oregon, Eugene, Oregon.



Welcome to the University

We're looking forward to having you with us at the University of Oregon this summer and hope that you will find it one of the most profitable and pleasant summers you have ever known.

While studies will be foremost on your program, an outstanding schedule of cultural and recreational activities has been planned for you.

Since many of you will be visitors from other states, we hope that you will take advantage of the opportunities to see Oregon at its loveliest.

Recreational Facilities for Summer Students and Their Families

On Campus: Tennis courts are available for your use at all times, except when they are being used for classes.

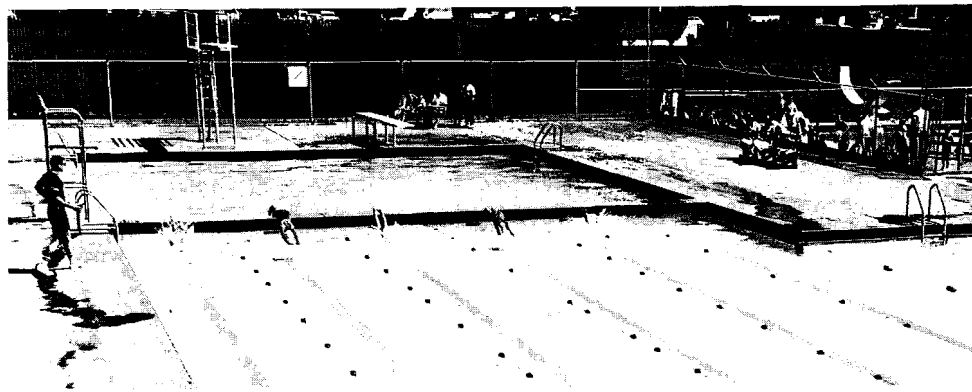
Swimming instruction is provided for children, and recreational swimming for men, women, and families.

The millrace, located on the campus, is a delightful picnic spot. The recreation area of the Erb Memorial Student Union provides bowling, billiards, shuffleboard, and table tennis.

Off Campus: The city of Eugene operates six supervised playgrounds and two swimming pools during the summer, in various areas throughout the city.

The Oakway Golf Course is available for the golf enthusiast.

Within easy driving distance are a number of state and county parks and picnic areas, as well as lakes and rivers for boating, swimming, and fishing. Trout streams run through the city.




Summer Tours

Tours have been planned to many of Oregon's most magnificent scenic areas . . . to the famous Oregon Coast . . . to the High Cascades with their dense forests and sparkling lakes . . . to Ashland and the Shakespearean Festival. These are some of the tours.

The Oregon Coast: A one-day trip will be made to Florence on the Oregon Coast and then north to Depoe Bay. With frequent stops along the way, the tour members will see what has been described as the most magnificent coast line in the world.

Rogue River and the Oregon Coast: Leaving Eugene on a Saturday, the tour will follow the rugged Oregon Coast to the mouth of the Rogue River at Gold Beach. The group will stay in Gold Beach Saturday night and on Sunday take the mail boat up the Rogue River. One of Oregon's most beautiful and turbulent rivers, the Rogue flows through the state's most inaccessible regions. The boat trip covers about 30 miles between trackless stands of virgin timber to the community of Agness, where the group will have dinner before returning down the river to Gold Beach.

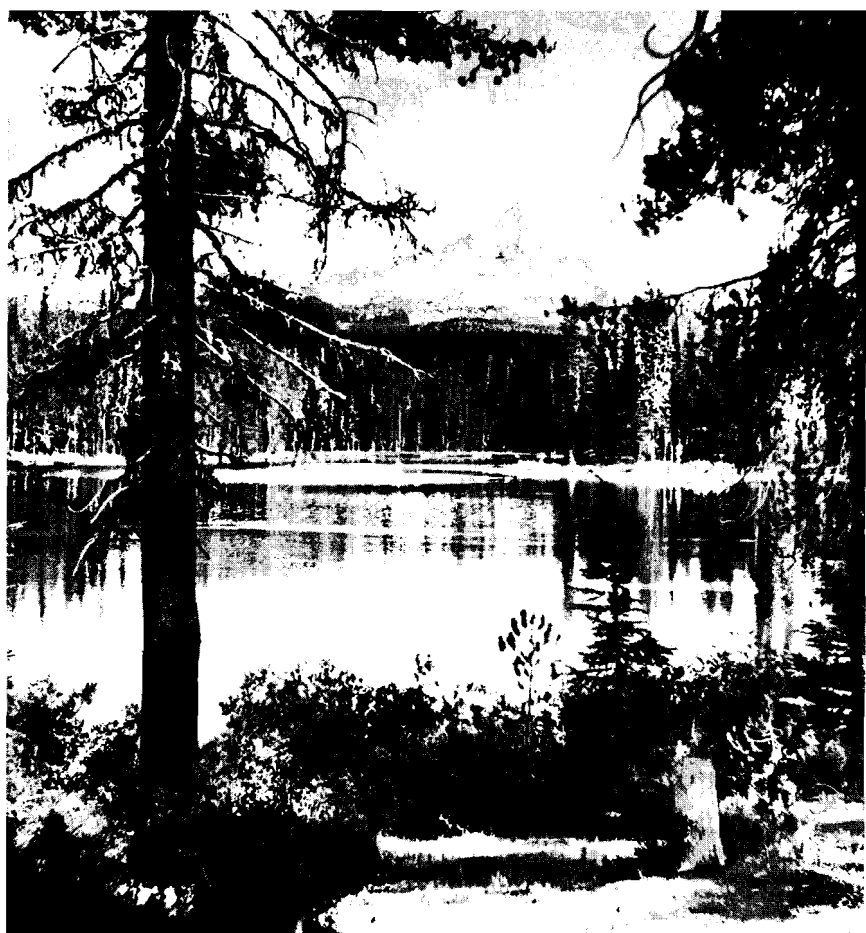
Shakespearean Festival: Two special trips are planned for summer students this year to Ashland, Oregon, for the Shakespearean Festival. The tour members will see a different Shakespearean play done outdoors in the traditional Elizabethan manner on each trip. You will leave on Saturday, see the play that evening, stay overnight at Southern Oregon College, and return on Sunday morning.



Crater Lake: Leaving Eugene early Sunday morning, the tour will move over the Willamette Pass, with its high cascading waterfalls. After winding up the sides of the extinct volcano, Mt. Mazama, the tour members will view the wonder of Crater Lake. After lunch there will be a rim drive around the edge of the crater; a park ranger will be available to outline the forces that created this spectacular creation of nature.

Deep Sea Fishing: Small group charter trips may be scheduled on request throughout the summer for students who wish to try their hand at deep-sea sport fishing off the Oregon coast.

Hiking Trips: Smaller groups may be formed on request to take week-end hiking trips with experienced guides into the nearby wilderness areas. Anyone wishing to participate in such a trip should be prepared to furnish his own sleeping bag and camping gear. Each of the trips, with the exception of fishing and hiking trips, is contingent on a registration of at least 30 people for each trip.



On the Cultural Side

Well-known lecturers will be featured during summer workshops, and the Browsing Room lecture series, always popular, will have visiting lecturers and members of our faculty.

Concerts and music-lectures will be presented by the School of Music through the summer.

The University Theater has an outstanding summer of entertainment planned for you, including main stage and arena theater productions.

The Erb Memorial Student Union will present art exhibits, lectures, lunch and afternoon discussion sessions, and other special programs throughout the summer.

The Museum of Art, open daily, houses the Gertrude Bass Warner Collection of Oriental Art. The Museum's inner court is pictured above.



The Museum of Natural History houses many fascinating exhibits, featuring fluorescent minerals, masks of Northwest Coast Indians, birds of the Pacific Coast, etc.

Strictly for Fun



The annual Terrace Dance, featuring entertainment as well as dancing, folk dances, mixers, bridge and chess tournaments, and recreational programs will be presented for your enjoyment at the Erb.

A weekly feature movie program is open to all summer students and their families at a nominal charge. Tennis, bowling, table tennis, and billiards tournaments will be set.

Bi 433. **Algae.** (G) 4 hours.

TuTh.

Bi 461, 462. **Invertebrate Zoology.** (G) 8 hours.

Survey of representative invertebrate groups, with emphasis on marine forms; morphology, systematics, ecology, and life histories. Bi 461 and 462 are separate courses, each carrying 4 credit hours, and each of four weeks duration; offered in sequence. MWF.

Bi 478. **Marine Ecology.** (G) 4 hours.

TuTh.

Business Administration

Professors: BALLAINE, REED, VANCE.

Associate Professors: ANDERSON, CAPLAN, HARWOOD, RICH, SEUBERT, SOHA.

Instructor: SMITH.

Finance and Business Environment

FBE 508. **Family Financial Security Education.** 6 hours.

First four weeks, June 21-July 16. Aspects of money and banking, insurance, real estate, investments, estates, and family financing related to family financial security. Designed for elementary and secondary teachers, principals, superintendents, curriculum directors, guidance counselors, teacher-training instructors, and other school administrators. Admission by prior application. 8:30-12, 1-4 daily. Wood, Soha.

Business Education

BEd 508. **Workshop: Principles and Problems of Business Education.** 3 hours.

June 21-July 2. Contemporary issues of business and education and their effect on curriculum development; Federal aid to business education; work-experience programs; instructional problems; significant related research. 1-4 daily.

BEd 508. **Workshop: Current Trends in Typewriting.** 3 hours.

July 6-July 16. Principles underlying development of typing skill; materials of instruction; standards of achievement; research studies in the field; integration of typewriting with other subject matter. 1-4 daily.

BEd 508. **Workshop: Secretarial Training.** 3 hours.

July 19-July 30. The upgrading of secretarial training; curriculum evaluation; selection and classification of students; improvement of instruction through the use of modern teaching aids; grading practices; and evaluation of training. 1-4 daily.

Chemistry

Visiting Faculty: LAYTON.

Ch 320. **Elementary Quantitative Analysis.** 5 hours.

Lectures on the fundamentals of quantitative analysis; laboratory work devoted mainly to volumetric analysis. Intended to satisfy the needs of secondary teachers and others not intending to major in chemistry; secondary teachers may enroll in Ch 429. 10 MTuWTh; lab, 2-5 MTuTh.

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

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

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

Ch 409. **Special Laboratory Problems.** (G) Hours to be arranged.

Students wishing laboratory instruction not classifiable as research or thesis may enroll this number.

Ch 429. **Survey of Analytical Chemistry.** (g) 5 hours.

Lectures on the fundamentals of quantitative analysis; laboratory work devoted mainly to volumetric analysis. Intended to satisfy the needs of secondary teachers and others not intending to major in chemistry. 10 MTuWTh; lab, 2-5 MTuTh.

Ch 439. **Survey of Organic Chemistry.** (g) 5 hours.

Lectures on the fundamental principles of organic chemistry and types of organic reactions; laboratory work in representative procedures. Intended for teachers of science in secondary schools and others not majoring in chemistry. 11 MTuWTh; lab, 9-12 F.

Economics

Visiting Faculty: KIM, WALTERS.

Professor: SIMPSON.

Associate Professor: KOPLIN.

Ec 375. **Economic Theory.** 3 hours.

Macro-economic analysis of the determination of aggregate income and employment. Determinants of investment and consumption; economic growth. Prerequisite: Ec 201, 202, 203. 10 MTuWTh.

Ec 418. **Economy of the Pacific Northwest.** (g) 3 hours.

Historical development and present industrial structure of the Pacific Northwest economy. Analysis of recent income changes, locational factors influencing development of major industries, relations with other regions, impact of Federal and state government policy. 9 MTuWTh.

*Ec 464, 465. **Quantitative Economic Analysis.** (G) 3 hours each term.

The use of mathematical techniques in economic analysis. Consumption and production theory, programming, input-output; general equilibrium; multiplier, accelerator, growth, and inventory models. Prerequisite: Math 104, 105, 106. 10-12 MTuWTh.

Ec 507. **Seminar: Problems of Economic Development.** 3 hours.

Special study of selected problems faced by developing nations. Relation of economic, cultural, and political circumstances in shaping growth patterns. 1:30-3 MTuWTh.

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

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

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

Education

Visiting Faculty: ELLINGSON, GANN, HYATT, MARGARITIS, MARSH, MARTIN, PEARL, ROSS, SCHAAF, TRUSTY, WISE, WOOD, ZIMMERMAN.

Professors: BREEN, DUBIN, GOLDHAMMER, GRAHAM, HEARN, HINES, JACOBSON, KAMBLY, RUMMEL, SANDIN, TOPE.

* Ec 466, to conclude the sequence, will continue in the eleven-week session.

Associate Professors: R. CARLSON, DEJUNG, FARNER, FISH, HILL, LOVELL, MATTSON, MITTMAN, NYE, WILLARD.

Assistant Professors: ANDERSON, H. CARLSON, CHRISTENSEN, ELLSWORTH, ESPESETH, HAMMERLYNCK, SCHMINKE.

Senior Instructors: HOLBOKE, MILLER.

Instructors: BOOTH, BUMBARGER, KENNEDY, O'NEIL, WAUGH, WHYTE.

Foundations of Education

Ed 310. **The School in American Life.** 3 hours.

The school as a social institution; the impact of dominant characteristics of American society on the school; historical developments of elementary and secondary education; patterns of curriculum development; school organization; school law; current issues in education. 9 MTuWTh. Tope.

Ed 315. **Human Development and Learning.** 5 hours.

The understanding of children's behavior at various developmental levels during the school years; learning theories and principles, and application to classroom situations; individual differences as they affect developmental and learning patterns; methods of evaluating changes in children's behavior. 2-4 MTuWTh. Rummel.

Ed 317. **Social Foundations of Teaching.** 3 hours.

The nature and influence of such social determinants of child behavior as family, class structure, peer groups, mass media of communication, etc.; the social status of childhood, emerging rights, agencies concerned with children. 11 MTuWTh. Margaritis.

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

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

The development and use of audio-visual aids in education; emphasis on actual learning situations in which radio, recordings, films, slides, pictures, maps, charts, etc., are utilized; sources of materials and equipment; administration of audio-visual programs. 2 MTuWTh; lab, 3 or 4 MTuWTh. Anderson.

Ed 440. **History of Education.** (G) 3 hours.

A general review of the growth and development of education in relation to the civilization of the times; emphasis on development of educational philosophies. 3 MTuWTh. Breen.

Ed 446. **Modern Philosophies of Education.** (G) 3 hours.

First four weeks, June 21-July 16. An examination of educational philosophies proposed by recent leaders and critics of American educational theory and practice. 10-12 MTuWTh. Goldhamer.

Ed 491. **Social Education.** (G) 3 hours.

Structure and functioning of society, as a background for the study and evaluation of education in its varied forms; the contribution of sociological principles and findings to the improvement of educational practices. 2 MTuWTh. Margaritis.

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

Instruction may be arranged for the eight-week session, for the first four weeks, or for the second four weeks.

Ed 501. **Research: Field Studies.** Hours to be arranged.

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

Instruction may be arranged for the eight-week session, for the first four weeks, or for the second four weeks.

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

Instruction may be arranged for the eight-week session, for the first four weeks, or for the second four weeks.

Ed 508. Workshop: Family Financial Education. 6 hours.

First four weeks, June 21-July 16. 8:30-3:30. Wood.

Ed 598. Comparative Education. 3 hours.

Educational systems, philosophies, curricula, and recent developments in European, Asian, African, Pan-American, and other countries of the world; origins; factors underlying common and unique characteristics of various educational systems. 9 MTuWTh. Margaritis.

Elementary Education

Ed 333. Teaching Mathematics in Elementary Schools. 3 hours.

First four weeks, June 21-July 16. Arithmetic in the elementary school program. Types of instruction, criteria for selection, placement, and organization of content. Prerequisite: Ed 315. 8-10 MTuWTh. Miller.

Ed 335. Teaching Reading in the Elementary School. 3 hours.

Reading, reading readiness, the psychology of the reading process; reading skills in relation to other parts of the curriculum; diagnostic and remedial measures. Prerequisite: Ed 315. 11 MTuWTh. Holboke.

Ed 451. Early Childhood Education. (G) 3 hours.

First four weeks, June 21-July 16. Relationship of the development of young children to the educational programs provided for them. Program planning; group behavior; individual behavior; the place of the teacher; equipment; activities; books and music for young children. 2-4 MTuWTh. Nye.

Ed 508. Workshop: Developing Content and Instructional Media for Latin American Resource Units in the Social Studies. 6 hours.

June 21-July 30. Of five weeks in Mexico, two weeks will be devoted to a full-time seminar to provide background knowledge and understandings through texts, special readings, reports, discussions, and lectures in English. Work period will follow for development of individual projects such as resource units and other instructional aids. Observation opportunities and study tours will follow the seminar. Participants will live with Mexican families. All-expense arrangements, from Eugene, \$495. 8-2 daily. H. Carlson.

Ed 534. Science in the Elementary School. 3 hours.

The place of science in the elementary school, with particular reference to the value of science in the lives of children; selecting and organizing content; coordinating science with elementary school activities; methods and materials; room and equipment. 9 MTuWTh. Kambly.

Ed 535. Social Studies in the Elementary School. 3 hours.

Social-education objectives; children's social problems; unit development; work-study skills; organization of the program; materials, research findings basic to the social education of children. 10 MTuWTh. Willard.

Ed 536. Language Arts in the Elementary School. 3 hours.

The role of language arts in the elementary-school program; objectives; research findings on language development; the teaching of spelling, writing, and speaking-listening skills; newer instructional materials; testing and evaluation. 1 MTuWTh. Willard.

Ed 537. Reading in the Elementary School. 3 hours.

Nature of the reading process, objectives, organization of a desirable reading program; reading readiness, reading skills; procedures and materials for developing children's reading abilities; methods of diagnosing difficulties and evaluating progress; research findings concerning teaching children to read. 2 MTuWTh. Holboke.

Ed 538. Mathematics in the Elementary School. 3 hours.

Number abilities needed by children; research findings in mathematics education; designing number experiences; theories of teaching, desirable teaching procedures, selection and use of materials. 8 MTuWTh. Schminke.

Ed 553. Elementary-School Curriculum. 3 hours.

A systematic study of the elementary-school curriculum, including pupil needs in everyday life situations, objectives, essentials of a good program, varying curriculum designs, organization of learning experiences, evaluation of learning, and appraisal of newer curriculum practices. 9 MTuWTh. Sandin.

Ed 554. Elementary-School Supervision and Administration. 3 hours.

For mature students of elementary education who are preparing for administrative or supervisory positions. Characteristics of good elementary schools, leadership responsibilities and processes, school organization patterns, pupil personnel policies, school-community relationships. 11 MTuWTh. Sandin.

Secondary Education

Ed 314. Principles of Secondary Teaching. 3 hours.

Study of the actual classroom teaching process, including classroom organization and management, planning teaching units, evaluating pupil learning, and similar problems. Prerequisite: Ed 310, Ed 312. 12 MTuWTh. Anderson.

Ed 427. School Activities. (G) 3 hours.

Second four weeks, July 19-August 13. Principles and purposes of school activities; pupil participation in school governments; assemblies, clubs, social activities, athletics, speech activities, drama, music, publications; evaluation of the school activity program. 8-10 MTuWTh. Hyatt.

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

First four weeks, June 21-July 16. Origin and functions of the junior high school; characteristics and needs of the early adolescent; administration of the junior high school; curriculum and instruction; guidance; school activities; evaluation. 1-3 MTuWTh. Marsh.

Ed 508. Workshop: Teaching Geography in the Junior High School. 3 hours.

First four weeks, June 21-July 16. For present and prospective teachers of geography and social studies in the junior high schools of Oregon. Types and kinds of geographical knowledge that should be taught at the junior high-school level and methods by which this material can be presented most effectively. Students will work collectively on preparation of materials to be used in their own teaching situations. 8-10 daily. Jolly.

Ed 508. Workshop: Secondary-School Administration. 3 hours.

First two weeks, June 21-July 2. Problems of the secondary-school administrator, with particular reference to staff utilization; recent studies in the field of team teaching, class size, and flexible scheduling. Second week devoted to individual work. \$5.00 materials fee. 9-12, 1-4 daily. Ellingson, staff.

Ed 522. Secondary-School Curriculum. 3 hours.

First four weeks, June 21-July 16. Overview of the secondary-school curriculum, with emphasis on the various subject fields; organization of the school for curriculum development; educational objectives; the course of study; evaluation of the secondary school curriculum. 8-10 MTuWTh. Martin.

Ed 527. Secondary-School Administration and Supervision. 3 hours.

Second four weeks, July 19-August 13. The secondary-school principalship; principles of administration, staff relationship, public relations, and professional growth; business administration, administration of guidance services, curriculum and school activities; evaluation of the secondary school. 1-3 MTuWTh. Gann.

Ed 559. Evaluation of Secondary-School Programs. 3 hours.

First four weeks, June 21-July 16. Appraisal of secondary schools on the basis of evaluative criteria, with special attention to the work of the National Study of Secondary School Evaluation. 10-12 MTuWTh. Hearn.

Ed 560. Secondary-School Problems. 3 hours.

Second four weeks, July 19-August 13. Current problems in the field of secondary education. 10-12 MTuWTh. Hearn.

Ed 593. Methods in Secondary-School English. 3 hours.

Limited to students with a teaching field in English. The class will be conducted primarily as a seminar. Students will select problems from the many basic issues confronting English teachers (linguistics and its place in the classroom, the teaching of literature and composition, the problem of usage, etc.) and seek answers in the most recent research. 2 MTuWTh. Zimmerman.

Ed 594. Methods in Secondary-School Mathematics. 3 hours.

Development of proficiency in the use of the problem-solving approach to the teaching of topics in arithmetic, algebra, geometry, and advanced high-school mathematics. Consideration of the strength, inadequacies, and needed revisions of the present-day mathematics curriculum. Prerequisites: teaching experience or consent of instructor. 1 MTuWTh. Schaaf.

Ed 596. Methods in Secondary-School Social Studies. 3 hours.

First four weeks, June 21-July 16. Trends in the social studies curriculum; the unit method of teaching; the core curriculum; social studies materials and teaching techniques; teaching reflective thinking; teaching current affairs. Students may work on problems of individual interest, and prepare materials for use in junior and senior high-school classes. Prerequisite: teaching experience or consent of instructor. 8-10 MTuWTh. Trusty.

Remedial Education

Practicum instruction is organized on two levels. Students who are receiving their first experience in a field and require relatively close supervision are enrolled in Ed 409; advanced students who are able to work more independently are enrolled in Ed 509.

In order to be assured of a place in the remedial practica (Ed 409, Ed 509), students must make arrangements with W. R. Hill, director, Remedial Education Clinic, School of Education, University of Oregon, before June 1.

Ed 409. Practicum: Remedial Clinic (Diagnosis). (G) 3 hours.

Supervised clinical experience in the diagnosis of learning difficulties of school pupils. Concurrent enrollment in Ed 465 required. Prerequisite: consent of instructor.

Ed 409. Practicum: Remedial Clinic (Remediation). (G) 3 hours.

Supervised clinical experience in the remediation of learning difficulties of school pupils. Concurrent registration in Ed 468 required. Prerequisite: consent of instructor. Daily clinic sessions plus weekly staff meetings. O'Neil.

Ed 428. Psychology of Reading Instruction. (G) 3 hours.

Nature of the reading process; factors of learning and development related to reading achievement; psychological foundations of methods and materials of reading instruction. 8 MTuWTh. Ross.

Ed 429. Principles of Remedial Education. (G) 3 hours.

Introduction to extreme school learning problems; factors associated with underachievement; general principles of diagnosis and remediation; diagnostic instruments and remedial sources. Applicable to programs at the elementary and secondary level. 9 MTuWTh. O'Neil.

Ed 465. Diagnostic Techniques in the Basic Skills. (G) 3 hours.

Analysis of difficulty in the skills of reading, spelling, arithmetic, and handwriting; selection, administration, and interpretation of group and individual diagnostic achievement tests; diagnostic procedures; development of the diagnostic report; concurrent enrollment in Practicum: Remedial Clinic (Diagnosis) - (Ed 409) required. Prerequisite: consent of instructor. 11 MTuWTh.

Ed 468. Remedial Techniques in the Basic Skills. (G) 3 hours.

Organization and implementation of the remedial program; specific pro-

cedures in the remediation of difficulty in the skills of reading, spelling, arithmetic, and handwriting; location and creation of remedial instrumental materials. Concurrent enrollment in Practicum: Remedial Clinic (Remediation) (Ed 409) required. Prerequisite: consent of instructor. 11 MTuWTh. O'Neil.

Ed 469. Reading in High School and College. (G) 3 hours.

Basic principles of reading instruction; nature and scope of the total reading program; methods, materials, and organization of the developmental and corrective reading programs in high school and college. 1 MTuWTh. Hill.

Ed 509. Practicum: Remedial Education. 3 hours.

Intensive clinical work involving the complete range of problems in remedial education. Prerequisite: satisfactory work at the Ed 409 level and consent of instructor. Daily clinic sessions plus weekly staff meetings. O'Neil.

Ed 562. Issues in Extreme Learning Difficulties. 3 hours.

Theory and research related to learning problems in the basic skills; analysis of differential learning capacity; reading-listening relationships; sensory-motor modes of remediation; social-emotional correlates of skills disability; therapeutic elements of remediation. 1-4 M. Ross.

Education of Exceptional Children

Practicum instruction is organized on two levels. Students who are receiving their first experience in a field and require relatively close supervision are enrolled in Ed 409; advanced students who are able to work more independently are enrolled in Ed 509.

Students interested in enrolling in the program leading to certification for teaching mentally retarded children must in order to be assured enrollment in the program, make arrangements with V. K. Espeseth, School of Education, University of Oregon, before June 1.

Ed 407. Seminar: Classroom Behavior Problems. (G) 3 hours.

Intended for students who have taken The Maladjusted Child (Ed 463) and wish additional work. Prerequisite: Ed 463. 2-5 Tu. Whyte.

Ed 407. Seminar: Research in Exceptional Children. (G) Hours to be arranged.

A critical examination of problems and practices related to working with exceptional children. deJung.

Ed 407. Seminar: Social-Emotional Problems. (G) 3 hours.

Behavioral-educational characteristics of maladjusted and disturbed children. Emphasis on descriptive characteristics, methods of identification, and appraisal. Prerequisite: consent of instructor. 1 MTuWTh. Kennedy.

Ed 409. Practicum: Teaching the Mentally Retarded. (G) 3 hours.

Observation and teaching of a class for the mentally retarded at the elementary and junior and senior high-school levels. Enrollees will be placed in the appropriate practicum at the time of registration. Pre-enrollment required. 9-5 daily.

ArE 409. Practicum: Art Experiences for the Mentally Retarded. (G) 3 hours.

A course for teachers of children diagnosed as mentally retarded. Problem-solving activities using art materials; growth and development of the retarded child. Pre-enrollment required. 9-5 MTuWTh. Lovell.

Ed 439. The Gifted Child. (G) 3 hours.

The psychology, education, and guidance of the mentally superior and the extraordinarily gifted child. 9 MTuWTh. Lovell.

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

Characteristics and problems of all types of exceptional children, with special

emphasis on those with sensory handicaps; consideration of essential educational adaptations. 11 MTuWTh. Mattson.

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

The discovery and treatment of the emotionally and socially maladjusted child; the home, school, and community in relation to the child's mental health. Opportunities for the observation of family counseling techniques. 2-5 Tu. Christensen.

Ed 464. The Mentally Retarded Child. (G) 3 hours.

The psychology, education, and guidance of the mentally retarded child. 8 MTuWTh. Espeseth.

Ed 489. Curriculum for the Mentally Retarded. (G) 3 hours.

Curriculum, methods, and materials developed on the basis of the diagnosed characteristics of mentally retarded children. Pre-enrollment required. 9-5 daily.

Ed 507. Seminar: Administration of Pupil Personnel Services. (G) 3 hours.

The historical development of special programs in education. Effective leadership, school organization, personnel management, related to the provision of pupil personnel services. Designed to meet Oregon certification requirements for administration of special education programs. 10 MTuWTh. Mattson.

Ed 507. Seminar: Research in Exceptional Children. Hours to be arranged.

Intended for advanced graduate students in the behavioral sciences. A critical examination of problems and practices related to working with exceptional children. deJung.

Ed 507. Seminar: Neurological Disorders. 3 hours.

Review of theoretical and empirical literature regarding neurologically based behavior and educational deficiency. Consideration of methods of identification and appraisal. Prerequisite: consent of instructor. 2 MTuWTh. Kennedy.

Ed 507. Seminar: Curriculum for the Mentally Retarded—Advanced. 3 hours.

Continuation of considerations included in Ed 489. 1 daily.

Ed 507. Seminar: Counseling for Teachers of Exceptional Children. 3 hours.

Principles and procedures of counseling and their application in working with exceptional children and their parents. 4 MTuWTh. Hamerlynck.

Ed 507. Seminar: Teaching the Mentally Retarded. 3 hours.

Designed for certified and experienced teachers of retarded children. Consideration of theoretical and empirical literature related to curricular and methodological problems in educating retarded children.

Educational Psychology

Practicum instruction is organized on two levels. Students who are receiving their first experience in a field and require relatively close supervision are enrolled in Ed 409; advanced students who are able to work more independently are enrolled in Ed 509.

Ed 409. Practicum: School Psychology. (G) Hours to be arranged.

Open only to students planning to be specialists in the field. Includes extensive experience in assessing children, consultation in designing programs of instruction for individual children, case staffing, and case writing. Lovell.

Ed 409. Practicum: Clinical Procedures in Education. (G) 3 hours.

Assessment of children with learning difficulties; preparation of statements of preferred behavior for any given child; collection and analysis of information; communication of information to teachers and parents; evaluation of clinic process. Enrollment limited to teachers and nonspecialists. Prerequisite: consent of instructor. Waugh.

Ed 424. Measurement in Education. (G) 3 hours.

Use and interpretation of informal and standardized tests as supervisory and guidance instruments for the diagnosis, analysis, evaluation, and improvement of instruction in the elementary and secondary schools; test planning, item writing, essay testing, administration and scoring, analysis of scores and grade assignment. Includes simple statistics of test interpretation. 9 MTuWTh. Wise.

Ed 507. Seminar: Statistical Methods in Education. 3 hours.

A continuation of experiences begun in Ed 512. 9 MTuWTh. Mittman.

Ed 512. Research Procedures in Education. 3 hours.

The nature and procedures of research in education; special techniques of thesis, field study, research paper, and dissertation. Open to graduate students majoring in other fields. Does not take the place of individual supervision of the student's thesis. An introductory course in statistics is desirable preparation. 8 MTuWTh. Mittman.

Ed 515. Educational Statistics. 3 hours.

Technique in quantitative and experimental methods. Calculus not required. 2 MTuWTh. Clarke.

Ed 525. Theory and Technique of Educational Measurement. 3 hours.

Theoretical bases and principles of educational measurement; item writing, tryout, selection and revision, reproduction and administration; nature of measurement; units and norms; reliability and validity; batteries and profiles; local and wide-scale testing programs. Designed primarily for advanced students in the behavioral sciences. Prerequisite: Ed 424, Ed 515, or equivalent. 2 MTuWTh.

Ed 528. Group Testing in Schools and Colleges. 3 hours.

Intensive study of the purposes, uses, administration, scoring, and interpretation of group tests commonly used in public schools and colleges; testing of achievement, aptitudes, interests, and personality. Designed primarily for advanced students in educational psychology, human development, psychometrics, and counseling. Open only to students for whom the work is required in their programs. Enrollment limited to 20 students. Prerequisite: Ed 424. 9 MTuWTh. Hamerlynck.

Ed 529. Advanced Educational Psychology. 2 hours.

Review of some modern viewpoints in educational psychology, with particular attention to theories of learning and their application to problems of school learning. Prerequisite: consent of instructor. 1 MTuW. Lovell.

Counseling

Practicum instruction is organized on two levels. Students who are receiving their first experience in a field and require relatively close supervision are enrolled in Ed 409; advanced students who are able to work more independently are enrolled in Ed 509.

Ed 407. Seminar: Concepts of Careers. (G) 3 hours

Examination of the concept of careers as viewed from various cultural, sub-cultural, and social status perspectives. Consideration of the implication of various perspectives on "career" choice behavior. 1-3 TuTh. Pearl.

Ed 409. Practicum: Elementary School Counseling. (G) Hours to be arranged.

Open only to students in programs leading to specialization in elementary school counseling. Observation staffing of cases, counseling, case writing, testing. Prerequisite: consent of instructor.

Ed 409. Practicum: Secondary School Counseling. (G) Hours to be arranged.

Open only to students in programs leading to specialization in secondary-

school counseling. Observation, staffing of cases, counseling, case writing, testing. Prerequisite: consent of instructor. 1-3 M. Ellsworth.

Ed 409. Practicum: Procedures in Family Counseling. (G) 3 hours.

Open only to students preparing to be specialists in the field. Various functioning areas of Adlerian family counseling; study of and participation in the work of the playroom supervisor, recorder, intake interviewer, socio-dramatist, and receptionist; emphasis on the organization and administration of family counseling programs. Prerequisite: Ed 463; consent of instructor. Christensen.

Ed 409. Practicum: Family Counseling. (G) 2-6 hours.

Open only to students planning to be specialists in the field. Application to Adlerian principles of family counseling and the role of family counseling in education. Maximum opportunity to observe and discuss the counseling procedure; minimal opportunities for actual counseling experience. Prerequisite: Practicum: Procedures in Family Counseling (Ed 409); consent of instructor. Christensen.

Ed 409. Practicum: Rehabilitation Agencies. (G) 6-9 hours.

Supervised counseling experience in community rehabilitation agencies and facilities. Open to rehabilitation majors only. Booth.

Ed 485. Principles and Practices of Guidance Services. (G) 3 hours.

The need for guidance services in the schools; tests, inventories, questionnaires, and records; the role of the home and the community in guidance; counseling the individual student. 10 MTuWTh. Hamerlynck.

Ed 488. Educational and Vocational Guidance. (G) 3 hours.

Designed primarily for advanced students preparing for positions as counselors. Current materials and trends in educational and vocational opportunities. 8 MTuWTh.

Ed 507. Seminar: Counseling Marginal Youth. 3 hours.

An examination of marginal status (cultural, religious, economic, and social) as a factor in personal and vocational counseling; with primary consideration of the impact of marginality on counseling goals and counseling relationships. Pearl.

Ed 509. Practicum: Supervision in Rehabilitation Field Agencies. 6-12 hours.

Extensive experiences in a rehabilitation agency. Limited to students enrolled in the rehabilitation-counselor program. Prerequisite: consent of instructor. Booth.

Ed 509. Practicum: College Counseling. Hours to be arranged.

Same as Ed 409 except that the student is expected to work with less immediate supervision. Prerequisite: consent of instructor. 1-3 M.

Ed 526. Counseling Theories. 3 hours.

Theoretical assumptions underlying the counseling process; dynamics of adjustment and personality change; methods of promoting emotional, educational, and occupational adjustment. Prerequisite: Ed 485 or equivalent. 10 MTuWTh. Ellsworth.

Educational Administration

Ed 507. Seminar: Nature and Problems of Administrative Behavior. 3-6 hours.

For advanced graduate students; draws from the literature in the related fields of business administration, economics, social psychology, sociology, and political science; emphasis on fundamental research underlying human behavior as a basis for the theory and practice of administrative behavior. 10-12 MTuWTh. Jacobson, Dubin.

Ed 507. Seminar. Hours to be arranged.

Advanced School Law.

Change in Organizations. 9 MTuWTh. Carlson.

Ed 507. Seminar: School Survey. 3 hours.

Field experience in the application of survey and administrative research procedures in actual school situations. Bumbarger.

Ed 508. Workshop: Problems of School Administration. 2 hours.

June 14-18. A workshop for administrators. Simulated materials depicting an actual school situation used as the basis for group discussions and evaluations of developmental procedures, the techniques of decision making, administrative problems and relationships, and the role of the individual school as a part of a school system in a specific community. Enrollment limited to 25 participants. Prerequisite: basic courses in administration for the administrators credential, or consent of instructor. 8-4 daily. R. Carlson, Schminke.

Ed 508. Workshop: Administrators Conference. Hours to be arranged.
Goldhammer, staff.**Ed 566. Curriculum Construction.** 4 hours.

Survey and appraisal of curricular patterns; state and city programs; courses of study in major subject areas; techniques of course-of-study planning. 1 MTuWTh. Fish.

Ed 572. Public School Administration. 3 hours.

Interpersonal relations in administration; school-board powers, duties, roles, relationships; the administrative roles, responsibilities, issues, problems; problems of staff personnel; student personnel problems at the local district level; problems and issues relating to the development of effective school-community relationships. 11 MTuWTh. Tope.

Ed 573. Public School Organization. 3 hours.

The schools in relation to state and Federal agencies; the intermediate unit, its purposes, organization, trends; local school-districts problems of organization, plant planning and management, school business administration, transportation, school finance, textbooks and supplies; extralegal agencies affecting education. 10 MTuWTh. Farner.

Ed 574. School Supervision. 3 hours.

First four weeks, June 21-July 16. The role of the supervisor in keeping education geared to the changing demands of society; theories of leadership; group processes and individual conference techniques; action research and related approaches to curriculum change; analysis of concrete supervisory problems. 8-10 MTuWTh. Millhollen.

Ed 575. School Finance. 3 hours.

Problems of school finance and business management; sources of school income; relationship to the state financial structure; budgeting and accounting. Includes the construction of a school budget. Prerequisite: work in administration and organization or consent of instructor. 2 MTuWTh. Farner.

Ed 576. School Buildings. 3 hours.

Problems involved in planning, financing, and construction of school buildings; care and maintenance of building; problems of equipment. Includes analysis of the problems of a specific district. Prerequisite: work in administration and organization or consent of instructor. 8 MTuWTh. Hines.

Librarianship

Lib 490. Children's Literature. (G) 3 hours.

A survey of children's literature, with emphasis on selection and evaluation of books suitable for public and school libraries. Reading guidance for both personal and curricular needs. Valuable to librarians and elementary school teachers. 9 MTuWTh. Lane.

Lib 491. Storytelling. (G) 3 hours.

Fundamental principles of the art of storytelling, including the planning of a story, locating suitable materials for use, and the techniques for learning and presenting the story; study and selection of literature appropriate for oral presentation to children of all ages. Valuable for librarians and elementary-school teachers. 8 MTuWTh. Lane.

English

Visiting Faculty : HUNTRESS, REINECKE, SCHWARTZ, ZWICKY.

Professors : KITZHABER, MCNEIR, SVENDSEN.

Assistant Professors : ALY, HYNES, KITTOE, MAVEETY, MCKNIGHT, OSWALD.

Instructors : BENOIT, BOWE, CAMPBELL, LEE, MILOWICKI, WOOTON.

Writing

Wr 121. **English Composition (First Term)**. 3 hours.

Fundamentals of English composition. 8 TuWThF. Wooton.

Wr 121. **English Composition (First Term)**. 3 hours.

Fundamentals of English composition. 10 TuWThF. Kittoe.

Wr 226. **Expository Writing**. 3 hours.

Practice in various forms of expository writing. Summer students may take Wr. 216 in place of either Wr 122 or 123 to satisfy the composition requirement. 11 TuWThF. Wooton.

Wr 227. **Scientific and Technical Writing**. 3 hours.

Practice in scientific and technical expository writing. Emphasis on the organization, form, and style of scientific, technical, and professional reports, articles, abstracts, summaries, memoranda, and correspondence. 9 TuWThF. Kittoe.

Wr 324. **Short-Story Writing**. 3 hours.

For students interested in creative writing or in professional writing for magazines. 11 TuWThF. Salisbury.

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

Salisbury.

Wr 504. **Writing and Conference**. Hours to be arranged.

Salisbury.

Literature

Eng 104. **Introduction to Literature (First Term)**. 3 hours.

Study of literature and of the nature of literary experience through the reading of great works of prose and poetry, drawn from English and other literatures. 1 TuWThF. McKnight.

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

Studies of the important plays—comedies, histories, and tragedies. 10 TuWThF. Zwicky.

Eng 305. **Satire**. 3 hours.

Satire, or criticism through ridicule, as a major type of literary expression. 10 TuWThF. Oswald.

Eng 322. **English Novel (Third Term)**. 3 hours.

8 TuWThF. Hynes.

Eng 394. **Twentieth-Century Literature**. 3 hours.

A critical study of British, American, and some European literature. 9 TuWThF. Hynes.

Eng 407. **Seminar: Literature of the Bible**. (G) 3 hours.

July 12-30, 10-12 daily. Maveety.

Eng 434. **Spenser**. (G) 3 hours.

11 TuWThF. McNeir.

Eng 436. **Advanced Shakespeare**. (g) 3 hours.

Intensive study of selected plays. Not open to majors or to students who have had any term of Eng 201, 202, 203. 9 TuWThF. Oswald.

Eng 442. **Seventeenth-Century Literature (Third Term).** (G) 3 hours.

Poetry and prose studied in relation to the trends of thought and feeling which characterize the century. 8 TuWThF. Zwicky.

Eng 450. **Eighteenth-Century Literature (Third Term).** (G) 3 hours.

The prose and poetry of the period studied in relation to the social, political, and aesthetic ideas of the period. 10 TuWThF. McKnight.

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

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

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

Eng 507. **Seminar: Renaissance Literature.** 3 hours.

A study of the plays of Ben Jonson. 3-6 W. McNeir.

Eng 507. **Seminar: Victorian Literature.** 3 hours.

3-6 F.

Eng 507. **Seminar: Applied Criticism.** 4 hours.

Restricted to participants in Institute of Oregon Curriculum Study Center. 11 daily. Huntress.

Eng 507. **Seminar: Applied Criticism.** 4 hours.

8 daily. Huntress.

Eng 507. **Seminar: Oral and Written Discourse.** 4 hours.

Restricted to participants in Institute of Oregon Curriculum Study Center. 9 daily. Aly; consultant: Kitzhaber.

Eng 507. **Seminar: Oral and Written Discourse.** 4 hours.

11 daily. Aly; consultant: Kitzhaber.

Eng 507. **Seminar: History and Structure of English.** 4 hours.

Restricted to participants in Institute of Oregon Curriculum Study Center. 8 daily. Schwartz.

Eng 507. **Seminar: History and Structure of English.** 4 hours.

9 daily. Schwartz.

Eng 540. **Problems and Methods of Literary Study.** 3 hours.

Bibliography and the methods of literary research as an introduction to graduate work. Required for graduate students in English. 1 TuWThF.

Geography

Visiting Faculty: GREGOR, HANSEN, JOLLY, MERRENS, MERRILL.

Professor: DICKEN.

Associate Professor: MARTIN.

Instructor: SPETH.

Geog 105. **Introductory Geography.** 3 hours.

First four weeks, June 21-July 16. A general introduction to the field of geography; emphasis on physical geography. 1-3 MTuWTh. James.

Geog 106. **Introductory Geography.** 3 hours.

Second four weeks, July 19-August 13. A general introduction to the field of geography; emphasis on regional geography. 1-3 MTuWTh. Hansen.

Geog 201. **Geography of Europe.** 3 hours.

First four weeks, June 21-July 16. Physical, political, and regional economic geography of Europe. 10-12 MTuWTh. Speth.

- Geog 202. **Geography of Latin America.** 3 hours.
Second four weeks, July 19-August 13. Physical, political, and regional economic geography of Latin American countries. 10-12 MTuWTh. Speth.
- Geog 301. **Geography of Oregon.** 3 hours.
First four weeks, June 21-July 16. The land forms, climate, population, resources, products, and people of the Pacific Northwest, with emphasis on Oregon. 8-10 MTuWTh. Dicken.
- Geog 302. **Geography of North America: Western United States and Canada.**
Second four weeks, July 19-August 13. 8-10 MTuWTh. Merrens.
- Geog 434. **Economic Geography.** (G) 3 hours.
June 21-August 13. 11-12 MTuWTh. Gregor.
- Geog 435. **Urban Geography.** (G) 3 hours.
June 21-August 13. 10-11 MTuWTh. Hansen.
- Ed 508. **Workshop: Teaching Geography in the Junior High School.** 3 hours.
First four weeks, June 21-July 16. For present and prospective teachers of geography and social studies in the junior high schools of Oregon. Types and kinds of geographical knowledge that should be taught at the junior high-school level and methods by which this material can be presented most effectively. Students will work collectively on preparation of materials to be used in their own teaching situation. 8-10 daily. Jolly.
- Geog 507. **Seminar:**
June 21-August 13. 1-3 MTh. Gregor.

Geology

Professor: STAPLES.

Assistant Professors: BENSON, VAN DIVER.

- Geol 101. **General Geology.** 4 hours.
Earth materials, processes, and forms; the main events in earth history. Lectures, laboratory, field trips. 11 MTuWTh. Lab to be arranged. Van Diver.
- Geol 401. **Research.** Hours to be arranged.
- Geol 405. **Reading and Conference.** Hours to be arranged.
- Geol 406. **Field Geology.** 9 hours.
Geological field work in selected parts of Oregon. Prerequisite: Geol 313, Geol 393, and consent of instructor. Staples.
- Geol 407. **Seminar.** Hours to be arranged.
- Geol 455. **Studies in Physical Geology.** 3 hours.
Survey course designed primarily for teachers of earth science. Origin and composition of rocks and minerals, structure of earth, volcanism, earthquakes, molding of the landscape by physical processes. Lecture, field trips. 10 MTuWTh. Van Diver.
- Geol 501. **Research.** Hours to be arranged.
- Geol 503. **Thesis.** Hours to be arranged.
- Geol 505. **Reading and Conference.** Hours to be arranged.
- Geol 506. **Advanced Field Geology.**
Geologic field work chiefly in connection with graduate theses. Emphasis on individual problems. Prerequisite: graduate standing, consent of instructor. Benson, Staples.
- Geol 507. **Seminar.** Hours to be arranged.

Health, Physical Education, and Recreation

Visiting Faculty : BENNETT, BURKE, JACKSON, LAWTHOR, LOGAN, POPPLE, ULRICH, WIREN.

Professors : CLARKE, ESSLINGER, HAAR, RHODA, RODNEY, SIGERSETH, WOODRUFF.

Associate Professors : BRUMBACH, PUCKETT, W. SMITH.

Assistant Professors. BORCHARDT, DUNKLEY, HARRISTHAL, KIME, SCHENDEL.

Instructors : BALLOU, MUNROE.

Workshops

PE 408. **Workshop: Secondary-School and College Physical Education.** 1-6 hours.

June 21-July 9. Designed for secondary-school and college teachers. Directed toward the improvement of teaching, with emphasis upon participation, skill improvement, and proficiency. Concentrated work in methods of teaching and development of teaching materials. Dance areas open to men. Areas for participation and study :

Contemporary Dance. 2 hours. For men and women. Techniques. 8-9 daily. Dunkley, Hoving.

Track and Field. 2 hours. For women. Theory and practice in all track and field events, conditioning procedures. 8-10 daily. Jackson.

Dual Sports: Badminton, Tennis. 2 hours. For women. Basic fundamentals; teaching materials. 8-10 daily. Puckett, Popple.

Contemporary Dance. 1 hour. For men and women. Problems in composition. 9-10 daily. Dunkley, Hoving.

Gymnastics. 2 hours. For women. Designed for beginning performers; includes floor exercise. 10-12 daily.

Field Hockey. 1 hour. For women. Analysis and practice of hockey skills and stick work games. 10-11 daily. Woodruff.

Field Hockey. 1 hour. For women. Theory and practice of team strategy, coaching techniques, and officiating. 11-12 daily. Woodruff.

Music Selection. 1 hour. For men and women. Designed for the teacher's use in gymnastics, dance, fundamentals, floor exercise, and swimming. 11-12 daily. Dunkley.

Evaluation and Testing for High-School Teachers. 1-2 hours. Procedures, study and use of available tests. 12-1 daily. Puckett, Popple.

Elementary Tumbling. 1 hour. For women. Elementary skills; teaching progressions. 12-1 daily. Harriethal.

Track and Field. 2 hours. For women. Theory and practice in all track and field events, conditioning procedures. 1-3 daily. Jackson.

Gymnastics. 2 hours. For women. For the advanced performer, competition, judging, team performance. 3-5 daily.

Golf. 2 hours. For women. Instruction and practice; course play each week. 3-5 daily. Gary Wiren.

Tournament Tennis. 1 hour. Instruction; advanced playing tactics. 4-5 daily. Popple.

PE 408. **Workshop in Track and Field.** 2 hours.

June 14-18. Available to 30 high-school students (women). Available to 12 high-school teachers who will act as assistants and observers. Working papers are required. Hours to be arranged. Jackson, Puckett.

HE 408-508. **Workshop: Sex Education in the Elementary School.** 2-3 hours.

June 14-18. Exploration of meaningful approaches to sex education, with dis-

cussions of available teaching materials. Principles, objectives, and evaluation will be included. Key resource persons from various parts of the country will participate. Coordinator: Tuck.

Coaching Clinic

PE 406. Coaching Clinic. 1-2 hours.

June 14-18. Special problems of coaching football, basketball, baseball, track and field, wrestling, and injury care. Designed especially to meet the needs of high-school coaches.

Football Coaching.....	8:30-11:45 a.m. MTuW 1:15- 3:30 p.m. MTu
Basketball Coaching.....	8:30-11:45 a.m. ThF 1:15- 3:30 p.m. WThF
Track Coaching.....	3:30- 5:30 p.m. MTuWTh 7:00- 9:00 p.m. M
Baseball Coaching.....	3:30- 5:30 p.m. MTuWTh 7:00- 9:00 p.m. Tu
Wrestling.....	8:30-11:45 a.m. ThF 1:15- 3:30 p.m. WThF
Care and Prevention of Injuries.....	7:00- 9:00 p.m. WTh

Physical Education (Professional Courses)

PE 221. Games for the Elementary School. 1 hour.

Creative games, games of low organization, and fundamental sport skills suitable for elementary children. 2 MTuWTh. Bennett.

PE 222. Rhythms for the Elementary School. 2 hours.

The dance program for children in the elementary school, grades one through six. Locomotor and nonlocomotor movement; dramatization and creative dance studies; singing games; traditional dance skills and folk dances for children of the intermediate grades. 3 MTuWTh. Bennett.

PE 223. Fundamental Body Movement, Posture, and Tumbling. 1 hour.

The mechanics of movement, posture, conditioning exercises, stunts, tumbling, self-testing, apparatus, and evaluation for the elementary-school child. 1 MTuWTh. Burke.

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

Reading and assignments in connection with other courses for extra credit. Honors readings. Prerequisite: consent of instructor.

PE 406. Special Problems. Hours to be arranged.

PE 420. Methods in Elementary-School Physical Education. 3 hours.

Program development; methods of instruction in elementary-school physical education. The purposes and requirements of the elementary physical-education program, with emphasis on program planning, methods, and materials of instruction. 8 TuWThF. Bennett.

PE 421. Administration of Elementary-School Physical Education. (g) 3 hours.

Modern trends in elementary-school physical education; duties of the physical-education specialist; organization and administration at the primary, intermediate, and upper-grade levels; evaluative procedures and techniques; the role of elementary physical education in outdoor education. Prerequisite: PE 221, 223, 420 or consent of instructor. 12 MTuWTh. Burke.

PE 446. Tests and Measurements in Physical Education. (G) 3 hours.

Use of tests and measurement in physical education; evaluation of objectives, programs, and student achievement through measurement techniques. 10 TuWThF. Rhoda.

PE 501. Research. Hours to be arranged.

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

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

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

Study of selected problems in the field of physical education. Prerequisite: consent of dean.

PE 507. **Seminar: Philosophy of Physical Education.** 3 hours.

Integration and application of the philosophic process as a foundation for the development of a meaningful philosophy of modern physical education. 9 TuWThF. Ulrich.

PE 507. **Seminar: Current Literature in Physical Education.** 3 hours.

A critical analysis of some of the recent publications in the field with special emphasis on publications dealing with advanced professional theory. 11 TuWThF. Ulrich.

PE 517. **Methods of Research.** 3 hours.

Methods and techniques of research in health, physical education, and recreation; practice in application to problems of current interest. 3 MTuWTh. Rhoda.

PE 521. **Basic Procedures in Corrective Physical Education.** 3 hours.

Common postural deviations; causes; basic principles underlying the prescription of exercise for those conditions which may be handled safely by the physical-education teacher; methods of referral when advisable. Prerequisite: Bi 391, 392; PE 472. 1 MTuWTh. Logan.

PE 523. **Physical Education of the Handicapped.** 3 hours.

The major crippling conditions, such as cerebral palsy and poliomyelitis, and functional disturbances, such as cardiac and respiratory conditions; planning the physical-education program for these conditions. Prerequisite: PE 521 or consent of instructor. 10 MTuWTh. Logan.

PE 540. **Statistical Methods in Physical Education.** 3 hours.

The use of norms, comparable scores, rating scales, multiple regression, curve fitting, and factor analysis as tools of research and interpretation of physical growth, physical status, and physical performance data. Prerequisite: graduate standing. 2 MTuWTh. Clarke.

PE 552. **Administration of Athletics.** 3 hours.

Historical development of athletics and their control. Place of athletics in education; purposes, administrative control, management, operational policies, care of equipment and facilities. 8 TuWThF. Burke.

PE 553. **Motor Skill Learning.** 3 hours.

Review of the psychology of learning as it pertains to motor skills; research bearing upon the teaching and learning of gross motor skills. 10 TuWThF. Lawther.

PE 559. **Professional Preparation in Physical Education.** 3 hours.

Historical development of professional preparation in the field of physical education; curriculum, evaluation, and recruitment in the development and conduct of teacher-education programs in physical education. 12 MTuWTh. Brumbach.

PE 573. **Gross Anatomy.** 3 hours.

Principles and facts about the digestive, respiratory, urinary, circulatory, and neuro-sensory system for teachers of physical education who give instruction in anatomy, kinesiology, and physiology of exercise; application to body movement and performance. Prerequisite: Bi 391, 392, PE 472, 473, or equivalent. 7-9 p.m. TuTh. Sigerseth.

PE 575. **Mechanical Analysis of Motor Skills.** 3 hours.

Analysis of various physical-education activities to determine their relation to laws of physics concerning motion, force, inertia, levers, etc. 8 daily. Lawther.

Health Education

HE 250. **Personal Health.** 3 hours.

Study of the personal health problems of university men and women, with emphasis on implications for family life. Mental health, communicable diseases, degenerative diseases, nutrition. Satisfies the University requirement in health education for men and women. 11 TuWThF. Kime.

HE 252. **First Aid.** 3 hours.

Study of first aid and safety procedures—for the individual, schools, athletics, and civilian defense; meets certification standards of the American Red Cross. 2 MTuWTh. Brumbach.

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

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

The purposes and requirements of the school health service program, with emphasis on organization and procedures for the school health examination. Organization and presentation of teaching materials based on the health needs of the child, community needs, and school health services. 1 MTuWTh. Smith.

HE 464. **Health Instruction.** (G) 3 hours.

Methods and materials in health instruction for junior and senior high schools. Special emphasis on the construction of health teaching units for Oregon secondary schools. Prerequisite: HE 361, 362, 363 or consent of instructor. 10 TuWThF. Smith.

HE 467. **Driver Education.** 3 hours.

Designed to prepare teachers to conduct driver-education courses in the secondary schools. Use of teaching devices, development of instructional units, behind-the-wheel instruction. 3 MTuWTh. Kime.

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

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

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

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

Study of selected problems in the field of health education. Prerequisite: consent of dean.

HE 506. **Special Problems: Traffic Safety.** 3 hours.

Organization and administration of driver education; personal psychological problems of driving, traffic enforcement, engineering, safety teaching materials, methods of instruction in driver education. 1 MTuWTh. Haar.

HE 552. **Administration of School Health Education.** 3 hours.

Organization and administration of the school health program. 11 TuWThF. Haar.

Recreation Management

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

RM 407. **Seminar.** Hours to be arranged.

RM 407. **Seminar: Community Recreation.** Hours to be arranged.

Understanding of leisure and recreation in American society; concept of community recreation and its role in the present social order. Rodney.

RM 415. **Recreation Field Work.** Hours to be arranged.

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

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

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

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

RM 507. Seminar: Basic Issues in Recreation. 3 hours.

Current basic issues and problems in recreation leadership and administration; trends in recreation programs; social forces affecting recreation. 7-9 p.m.
MW. Rodney.

Physical Education (Service Courses)**PE 180, 190, PE 380, 390. Swimming.** 1 hour.

For men and women. 10 MTuWTh. Schendel.

PE 180, 190, PE 380, 390. Swimming. 1 hour.

For men and women. 11 MTuWTh. Borchardt.

PE 180, 190, PE 380, 390. Golf. 1 hour.

For men and women. 1-3 TuTh. Borchardt.

PE 180, 190, PE 380, 390. Golf. 1 hour.

For men and women. 3-5 MW. Borchardt.

PE 180, 190, PE 380, 390. Golf. 1 hour.

For men and women. 3-5 TuTh. Borchardt.

PE 180, 190, PE 380, 390. Golf. 1 hour.

For men and women. 1-3 MW. Borchardt.

PE 180, 190, PE 380, 390. Tennis. 1 hour.

For men and women. 1-3 MW. Schendel.

PE 180, 190, PE 380, 390. Tennis. 1 hour.

For men and women. 3 MTuWTh. Schendel.

PE 180, 190, PE 380, 390. Tennis. 1 hour.

For men and women. 3-5 MW. Munroe.

PE 180, 190, PE 380, 390. Tennis. 1 hour.

For men and women. 3-5 TuTh. Munroe.

PE 180, 190, PE 380, 390. Tennis. 1 hour.

For men and women. 4 MTuWTh. Schendel.

PE 180, 190, PE 380, 390. Tennis. 1 hour.

For men and women. 1-3 TuTh. Schendel.

History

Visiting Faculty: BAUMAN, DAY, EVANS, HARBERT, HOOGENBOOM, MILLER, REMAK, D. SMITH, WRIGHT.

Professor: BREEN.

Associate Professors: ALEF, R. SMITH.

Assistant Professors: PERRIN, PETERSON.

Instructor: BAKER.

Hst 101. History of Western Civilization. 3 hours.

First four weeks, June 21-July 16. Origins and development of Western Civilization from ancient times to the end of the Middle Ages. 1-3 MTuWTh. Bauman.

Hst 102. History of Western Civilization. 3 hours.

Second four weeks, July 19-August 13. The development of Western Civilization from the Renaissance to the end of the Napoleonic era. 1-3 MTuWTh. Bauman.

Hst 103. History of Western Civilization. 3 hours.

8 MTuWTh. Perrin.

Hst 201. History of the United States. 3 hours.

First four weeks, June 21-July 16. The thirteen colonies, the American Revolution, and the United States to about 1840. 10-12 MTuWTh. Evans.

Hst 202. History of the United States. 3 hours.

Second four weeks, July 19-August 13. Survey of United States history from 1840 to 1900. 10-12 MTuWTh. Evans.

Hst 301. Europe since 1789. 3 hours.

First four weeks, June 21-July 16. Political, social, economic, and cultural trends from the French Revolution to 1870. 10-12 MTuWTh. Day.

Hst 302. Europe since 1789. 3 hours.

Second four weeks, July 19-August 13. Political, social, economic, and cultural trends from 1870 to 1918. 10-12 MTuWTh. Day.

Hst 350. Hispanic America. 3 hours.

First four weeks, June 21-July 16. A study of Hispanic America from the early Indian civilizations through the periods of Spanish conquest and colonization. 8-10 MTuWTh. Wright.

Hst 351. Hispanic America. 3 hours.

Second four weeks, July 19-August 13. A survey of Hispanic America during the nineteenth century. 8-10 MTuWTh. Wright.

Hst 391. Far East in Modern Times. 3 hours.

First four weeks, June 21-July 16. Political, economic, and diplomatic history of China, Japan, and Korea, with some attention to Asiatic Russia and the Philippines, from the middle of the nineteenth century to 1895. 1-3 MTuWTh. Harbert.

Hst 392. Far East in Modern Times. 3 hours.

Second four weeks, July 19-August 13. Political, economic, and diplomatic history of China, Japan, and Korea from 1895 to 1931. 1-3 MTuWTh. Harbert.

Hst 405. Reading and Conference. Hours to be arranged.**Hst 407. Seminar: American History.** 3 hours.

3-5 Tu. Peterson.

Hst 407. Seminar: Russian History. 3 hours.

3-5 M. Alef.

Hst 407. Seminar: American Foreign Relations. 3 hours.

3-5 Th. D. Smith.

Hst 407. Seminar: Twentieth-Century Europe. 3 hours.

3-5 W. Remak.

Hst 407. Seminar: The American West. 3 hours.

Miller.

Hst 418. Studies in Western Civilization. (g) 3 hours.

Political, economic, and intellectual problems in the history of Western civilization from the Middle Ages to 1815. Intended primarily for teachers; attention to aspects that are particularly applicable to teaching assignments. 10 MTuWTh. Perrin.

Hst 432. Reformation. (G) 3 hours.

The Protestant and the Catholic reform of the sixteenth century. 9 MTuWTh. Breen.

Ed 440. History of Education. (G) 3 hours.

A general review of the development of education in relation to civilization; emphasis on development of educational philosophies. 11 MTuWTh. Breen.

Hst 445. Twentieth-Century Europe. (G) 3 hours.

The revolutionary consequences of World War I for society, politics, and the

economy; World War II and its aftermath; the Soviet satellites; rebuilding the European economy. 1 MTuWTh. Remak.

Hst 448. History of Russia. (G) 3 hours.

Creation of the Russian Empire, political, social, and economic developments. Second term of a three-term sequence. 11 MTuWTh. Alef.

Hst 458. The Era of the Civil War. (G) 3 hours.

Intensive study of the critical decade before the Civil War and of the course of that conflict. 11 MTuWTh. Hoogenboom.

Hst 469. Twentieth-Century England. (G) 3 hours.

Social, political, economic, and intellectual changes in Great Britain in the twentieth century. 8 MTuWTh. R. Smith.

Hst 475. American Foreign Relations. (G) 3 hours.

The origins, character, and consequences of American foreign policies in the twentieth century. 10 MTuWTh. D. Smith.

Hst 480. The United States in the Twentieth Century to 1919. (G) 3 hours.

9 MTuWTh. Hoogenboom.

Hst 487. American Economic History. (G) 3 hours.

The economic development of the United States to about 1820. First term of a three-term sequence. 8 MTuWTh. Peterson.

Hst 501. Research. Hours to be arranged.

Hst 503. Thesis. Hours to be arranged.

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

Hst 507. Seminar: American History. 3 hours.

3-5 Tu. Peterson.

Hst 507. Seminar: Russian History. 3 hours.

3-5 M. Alef.

Hst 507. Seminar: American Foreign Relations. 3 hours.

3-5 Th. D. Smith.

Hst 507. Seminar: Twentieth-Century Europe. 3 hours.

3-5 W. Remak.

Journalism

Professors: HULTENG, PRICE, WALES.

Associate Professors: FREEMESSER, NELSON, RARICK, WEBB.

Assistant Professor: EWAN.

Instructor: NORTON.

J 341. Principles of Advertising. 3 hours.

First four weeks. Advertising as a factor in the distributive process; the advertising agency; the "campaign"; the function of research and testing; the selection of media. 8-10 MTuWTh. Wales.

J 361. Reporting. 3 hours.

Newsgathering and reporting for newspapers and other media; reporting of public affairs; laboratory experience. 11 daily; additional hours to be arranged. Norton.

J 403. Thesis. 1-3 hours.

J 405. Reading and Conference. 1-3 hours.

J 407. Seminar: Public Opinion Measurement. (G) 2 hours.

Techniques of public opinion polling; sample construction; field methods. 1-3:30 Tu. Rarick.

J 407. Seminar: High School Journalism. (g) 6 hours.

June 21-July 10. A special three-week seminar for high-school teachers of journalism or publications advisers who have been awarded Newspaper Fund fellowships enabling them to attend the seminar. Class sessions and daily workshops. 8-12, 1-4 daily.

J 407. Seminar: High School Journalism. (g) 6 hours.

July 19-August 7. A second offering of the seminar described above. 8-12, 1-4 daily.

J 459. Publicity and Public Relations. (G) 3 hours.

Basic techniques and methods in publicity programs for business, professional and social organizations and interest groups; relationship of publicity to the broader concepts of public relations. 10 MTuWTh. Ewan.

J 503. Thesis. 1-3 hours.**J 505. Reading and Conference.** 1-3 hours.

Librarianship

Associate Professors: FINDLEY, ROECKER.

Assistant Professors: LANE, PIERRON.

Lib 481. Bibliography and Reference. (G) 3 hours.

Introduction to reference services; evaluation and use of reference materials; correct bibliographical forms; practical problems in the use of reference books in school and other small libraries. 8 MTuWTh.

Lib 483. Principles of Book Selection. (G) 3 hours.

Analysis of criteria for book selection in the light of library objectives; reading habits and interests of adults; use of selection aids and reviewing media; censorship. Practice in oral book reviewing and written annotations. 10 MTuWTh. Lane.

Lib 484. School Library Administration. (G) 3 hours.

Introduction to school librarianship and to the objectives of the school library in the instructional program; problems relating to budget and finance, housing and equipment, personnel, etc. Emphasis on national and state standards for the instructional materials center. 2 MTuWTh.

Lib 486. Introduction to Cataloging and Classification. (G) 3 hours.

Instruction and practice in simplified procedures for the classification and cataloging of books, films, filmstrips, phonorecords, and maps. Procedure for ordering and using Library of Congress and Wilson cards. 3-5 MW.

Lib 487. Cataloging and Classification. (G) 3 hours.

More difficult problems in the cataloging and classification of books and other library materials; brief survey of theories and experiments in cataloging and classification and their implications for the future. Prerequisite: Lib 486 or consent of the instructor. 3-5 TuTh.

Lib 488. Books and Related Materials for Young People. (G) 3 hours.

Survey of books and nonbook materials suitable for students of junior and senior high school age; emphasis on selection and evaluation of books, adolescent reading interests, and reading guidance for curricular and personal needs. 1 MTuWTh.

Lib 490. Children's Literature. (G) 3 hours.

Survey of children's literature, with emphasis on selection and evaluation of books suitable for public and school libraries; reading guidance in relation to both personal and curricular needs. 9 MTuWTh.

Lib 491. **Storytelling.** (G) 3 hours.

Fundamental principles of the art of storytelling, including the planning of a story hour, location of suitable materials for use, and the techniques of learning and presenting the story; study and selection of literature appropriate for oral presentation to children of all ages. 11 MTuWTh. Lane.

Lib 494. **Literature of the Sciences.** (G) 3 hours.

Survey and evaluation of library materials in the fields of science and technology; problems of scientific documentation; literature searching methods; compilation, classification, and reporting of information. 3-5 MW. Roecker.

Lib 496. **The Library in the Modern Community.** (G) 3 hours.

The development of American libraries; their present-day functions as educational and cultural institutions; legal structure; interlibrary cooperation; relations with the mass media; librarianship as a profession. 9 MTuWTh. Pierron.

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

Lib 512. **Government Publications.** 3 hours.

The acquisition, organization, and use of government publications of the United States, selected foreign countries, and international organizations, with special attention to United States government documents. Prerequisite: Lib 481 or consent of instructor. 8 MTuWTh. Findly.

Mathematics

Visiting Faculty: DIVINSKY, JENNINGS.

Professors: GHENT, MOORSUND, NIVEN.

Associate Professors: MAIER, WARD.

Instructor: SHERMAN.

Upper-division and graduate courses offered by the Department of Mathematics during the summer session differ from those offered during the regular session. Usually, however, the needs of all students can be met. Regular-session students should consult the head of the department before planning their programs.

Candidates for the M.A., M.S., and Ph.D. degrees may obtain detailed information on requirements for those degrees at the Mathematics Office.

The following sequences are designed primarily for teachers working toward a special master's degree:

Mth 457 (g), 458 (g), 459 (g). Foundations of Mathematics. 12 hours.

Mth 468 (g), 469 (g). Probability and Statistics. 8 hours.

Mth 478 (g), 479(g), 579, 580. Algebra. 16 hours.

Mth 487 (g), 488 (g), 489 (g), 589. Geometry. 16 hours.

Mth 498 (g), 499 (g), 598, 599. Analysis. 16 hours.

The department offers these courses on a rotating basis, so that a student may complete all of them in at most four summers. This summer Mth 457, Mth 458, Mth 479, Mth 487, and Mth 489 are being offered. Mth 121, a special course for elementary-school teachers, is offered every summer.

Each summer the special courses are supplemented by regular-session courses and seminars of interest to teachers. An increased number of such courses are being offered this summer. See also the courses listed under MATHEMATICS INSTITUTE (a limited number of teachers who are not in the institute may enroll for these courses with approval of the director.)

Mth 95. Intermediate Algebra. 3 hours.

Intended for students who have had only one year of high-school algebra or have not had algebra for some time. 8 MTuWF.

Mth 104. Introductory College Mathematics. 4 hours.

The first term of the standard freshman course. Primarily college algebra and trigonometry. Prerequisite: one and one-half years of high-school algebra, or intermediate algebra in college. 9 daily.

Mth 106. Introductory College Mathematics. 4 hours.

Elementary calculus of polynomials with necessary topics from analytic geometry. Prerequisite: Mth 104 or four years of high-school mathematics. 11 daily.

Mth 121. Mathematics for Elementary Teachers. 3 hours.

Basic concepts of arithmetic, elementary algebra, and plane geometry. A required course in the elementary teacher training program. 10 daily. Sherman.

Mth 200. Calculus with Analytic Geometry. 4 hours.

The first term of a four-term sequence. Prerequisite: Mth 105, or four years of high-school mathematics and consent of instructor. 1 daily.

Mth 200. Calculus with Analytic Geometry. 4 hours.

First four weeks, June 21-July 16. Enrollment restricted to students who are sufficiently well prepared to do the work with little class instruction. 8 MTuWTh.

Mth 201. Calculus with Analytic Geometry. 4 hours.

Second four weeks, July 19-August 13. The second term of a four-term sequence. Prerequisite: Mth 200 or consent of instructor. 8 MTuWTh.

Mth 205. Analytic Geometry and Calculus. 5 hours.

The second term of a three-term sequence of a unified treatment of the subject. Prerequisite: Mth 204 or consent of instructor.

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

Mth 413. Modern Algebra. (G) 3 hours.

Elementary ring theory, including study of ideals, quotient rings, polynomial rings, commutative algebra and rings with chain conditions. Introduction to modules and endomorphism rings. 1 daily.

Mth 419. Functions of Several Variables. (g) 3 hours.

Partial differentiation, multiple integrals, and other related topics. Prerequisite: calculus or analytic geometry and calculus. 9 MTuWTh.

Mth 425. Elements of Statistical Methods. (g) 3 hours.

An introductory course in statistics. Integrated with Educational Statistics (Ed 515). Desk calculators are available. Prerequisite: Mth 100 or one and one-half years of high-school algebra. 1 MTuWTh. Truax.

Mth 457. Foundations of Mathematics. (g) 3 hours.

Foundations of arithmetic and elementary algebra. Intended primarily for junior high-school teachers. Prerequisite: Mth 104 or equivalent. 11 MTuWTh.

Mth 458. Foundations of Mathematics. (g) 4 hours.

Finite mathematics, elements of logic, the algebra of sets. Prerequisite: a year of freshman mathematics or consent of instructor. 10 daily.

Mth 479. Algebra. (g) 4 hours.

An introduction to linear algebra, vector spaces, matrices, applications to coordinate geometry. Prerequisite: a year of freshman mathematics or consent of instructor. 11 daily.

Mth 487. Geometry. (g) 4 hours.

Difficult points in elementary geometry, early introduction of coordinate geometry, locus problems, and other selected topics. Prerequisite: a year of freshman mathematics or consent of instructor. 8 daily.

Mth 489. **Geometry.** (g) 4 hours.

Topics selected from non-Euclidean geometry. Prerequisite: a year of freshman mathematics and consent of instructor. 8 daily.

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

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

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

Mth 507. **Seminar: Number Theory.** 3 hours.

Requires knowledge acquired in a one-term course in the subject. Prerequisite: consent of instructor. Hours to be arranged.

Mth 507. **Seminar: Logic and Set Theory.** 3 hours.

Propositional calculus, algebra of sets, functions and relations, cardinal numbers, ordinal numbers, point sets on the real line. Prerequisite: calculus and consent of instructor. 10 MTuWTh. Ward.

Mth 507. **Seminar: Algebra.** 3 hours.

Selected topics. 2 MTuWTh.

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

Mathematics Institute

The University has been granted funds by the National Science Foundation to hold a Summer Institute for Teachers of High-School Mathematics, with Professor A. F. Moursund as director. The Institute will be held during the eight-week summer session. Stipends of \$75 per week, partial exemption from fees, allowances for dependents, and travel allowances are available for a number of teachers. Institute courses are open to a limited number of teachers who are not stipend holders. Some of the institute courses parallel regular summer session courses listed above. Courses designed specifically for the Institute are listed below.

Mth 444. **Computing.** (g) 3 hours.

IBM 1620 programming and computing. Prerequisite: consent of instructor. 2 MWF.

Mth 462. **Combinatorial Analysis.** (g) 2 hours.

First four weeks, June 21-July 16. The number of ways of doing a well-defined operation. A knowledge of permutations and combinations is assumed. Prerequisite: consent of instructor. 9 daily. Niven.

Mth 463. **Foundations of Calculus.** (g) 2 hours.

Second four weeks, July 19-August 13. Basic principles of differential and integral calculus. Prerequisite: consent of instructor. 9 daily. Jennings.

Mth 507. **Seminar: NSF Teachers.** 1 hour.

3:30-4:30 Tu. Maier.

Mth 554. **Complex Variable Theory.** 4 hours.

Introductory complex variable theory. Prerequisite: mathematics beyond calculus and consent of instructor. 9 daily. Moursund.

Military and Air Science

Professors: FOSSUM, KREITZ.

Military Science

Mil 121, 122, 123. **Military Science I.** 1 hour.

By special arrangement with the professor of military science. Organization of the Army and the Army R.O.T.C.; individual weapons and marksmanship;

the Army and national security; counterinsurgency; leadership laboratory. Students enrolled must also take a course within the general academic area of effective communications, general psychology, science comprehension, or political institutions and political development which carries 2 or more term hours of credit and satisfies the University group requirement.

Mil 221, 222, 223. Military Science II. 1 hour.

By special arrangement with the professor of military science. Map and aerial photograph reading; American military history; introduction to basic tactics and techniques; counterinsurgency; leadership laboratory.

Mil 311, 312, 313. Military Science III. 4 hours.

By special arrangement with the professor of military science. Leadership; military teaching principles; branches of the Army; small-unit tactics and communications; counterinsurgency; precamp orientation; leadership laboratory.

Mil 411, 412, 413. Military Science IV. 4 hours.

By special arrangement with the professor of military science. Operations; logistics; Army administration; military law; the role of the United States in world affairs; counterinsurgency; service orientation; leadership laboratory.

Air Science

AS 121, 122. Air Science I. 1 hour.

By special arrangement with professor of air science. An introductory course dealing with aerospace power orientation, conflict in the aerospace age, organization in the national security, and the Air Force as a profession.

AS 123, 221, 222. Air Science I, II. 1 hour.

By special arrangement with professor of air science. Students enrolled must also take a course which satisfies the University group requirement, contributes to the professional education of an Air Force officer, and carries 2 or more term hours of credit.

AS 223. Air Science II. 1 hour.

By special arrangement with professor of air science. Study of world military forces and the political-military issues surrounding the existence of these forces; analysis of the trends and implications of world military power.

AS 311, 312, 313. Air Science III. 3 hours.

By special arrangement with professor of air science. The nature of war; development of air power in the United States; mission and organization of the Defense Department; Air Force concepts, doctrine, and employment; astronautics and space operations; the future development of aerospace power.

Modern and Classical Languages

Visiting Faculty: WILSON.

Professors: COMBELLACK, JOHNSON.

Associate Professors: HATZANTONIS, KRATZ, NICHOLLS, POWERS.

Assistant Professors: BEDWELL, HAHN, MCWILLIAMS, PASCAL, TOLSON.

Instructors: CARTER, COOPER, KAPS, MANNING, NOBILE, SOKALSKI.

Assistants: BACH, BEIT-ISHOO, DUNBAR.

Classics

CL 60. First-Year Latin (First Term). 4 hours.

First four weeks, June 21-July 16. Fundamentals of Latin grammar. 8-10 daily. Pascal.

- CL 61. **First-Year Latin (Second Term).** 4 hours.
Second four weeks, July 19-August 13. Continuation of CL 60, fundamentals of Latin grammar. 8-10 daily. Pascal.
- AL 407. **Seminar: Classic Myths.** (G) 3 hours.
July 5-23. The three major myths of the classical world: Troy, Thebes, and the Golden Fleece. Lectures and readings in English. 8-10 daily. Combella.
- CL 408. **Latin Seminar.** (G) 3 hours.
Study of Latin poets selected with special attention to the needs and interests of teachers. Hours to be arranged. Pascal.

French

- RL 50. **First-Year French (First Term).** 4 hours.
First four weeks, June 21-July 16. Introduction to the language, stressing reading, comprehension of the spoken tongue, and the basic principles of French grammar. Equivalent of the first term of First-Year French given during the regular academic year. Two sections: 8-10 daily. Beit-Ishoo. 10-12 daily. Manning.
- RL 51. **First-Year French (Second Term).** 4 hours.
Second four weeks, July 19-August 13. Continuation of RL 50. Equivalent of the second term of First-Year French given during the regular academic year. Two sections: 8-10 daily. Beit-Ishoo. 10-12 daily. Manning.
- RL 101. **Second-Year French (First Term).** 4 hours.
First four weeks, June 21-July 16. Study of selections from representative authors; review of grammar; considerable attention to oral use of the language. Two sections: 8-10 daily. Cooper. 10-12 daily. Sokalski.
- RL 102. **Second-Year French (Second Term).** 4 hours.
Second four weeks, July 19-August 13. Continuation of RL 101. Equivalent of the second term of Second-Year French given during the regular academic year. Two sections: 8-10 daily. Cooper. 10-12 daily. Sokalski.
- RL 314. **Intermediate French Composition and Conversation.** 3 hours.
Emphasis on exercises and review drills. Conducted in French. Prerequisite: two years of college French or equivalent. 9 MTuWTh. Sokalski.
- RL 331. **French Pronunciation and Phonetics.** 2 hours.
An introduction to the fundamentals of French pronunciation. Prerequisite: two years of college French or equivalent. 11 MTuTh. Kaps.
- RL 405. **Reading and Conference.** (G) 3 hours.
- RL 407. **Seminar: Lyric Poetry.** (G) 3 hours.
Study of the development of the genre from Villon. 10 MTuWTh. Johnson.
- RL 503. **Thesis.** Hours to be arranged.
- RL 505. **Reading and Conference.** 3 hours.
- RL 507. **Seminar: Lyric Poetry.** 3 hours.
Study of the development of the genre from Villon. 10 MTuWTh. Johnson.
- RL 546. **Molière.** 3 hours.
Study of the principal comedies of Molière. 11 MTuWTh. Johnson.

German

- GL 50. **First-Year German (First Term).** 4 hours.
First four weeks, June 21-July 16. The fundamentals of grammar, oral drill, translation of prose selections; equivalent of the first term of First-Year German given during the regular academic year. Recommended for students who wish to acquire a reading knowledge. Two sections: 8-10 daily. McWilliams. 10-12 daily. Bedwell.

GL 51. First-Year German (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of GL 50. Equivalent of the second term of First-Year German given during the regular academic year. Two sections: 8-10 daily. McWilliams. 10-12 daily. Bedwell.

GL 101. Second-Year German (First Term). 4 hours.

First four weeks, June 21-July 16. Review of grammar and composition; reading of selections from representative authors; conversation. Two sections: 8-10 daily. Hahn. 10-12 daily. Kratz.

GL 102. Second-Year German (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of GL 101. Equivalent of the second term of Second-Year German given during the regular academic year. Two sections: 8-10 daily. Hahn. 10-12 daily. Kratz.

GL 301. Survey of German Literature (First Term). 2 hours.

First four weeks, June 21-July 16. German literature from the Middle Ages to the present time; readings from representative authors. Prerequisite: two years of college German. 8 MTuWTh. Bedwell.

GL 302. Survey of German Literature (Second Term). 2 hours.

Second four weeks, July 19-August 13. Continuation of GL 301. Equivalent to the second term of Survey of German Literature given during the regular academic year. 8 MTuWTh. Bedwell.

GL 320. Scientific German (First Term). 3 hours.

First four weeks, June 21-July 16. Intensive practice in the reading of scientific texts of increasing difficulty. Prerequisite: satisfactory completion of First-Year German or consent of instructor. 10 MTuWTh. Nicholls.

GL 321. Scientific German (Second Term). 3 hours.

Second four weeks, July 19-August 13. Continuation of GL 320. 10 MTuWTh. Nicholls.

GL 334. German Composition and Conversation. 3 hours.

Extensive practice in speaking and writing. Conducted in German. Prerequisite: two years of college German or consent of instructor. 11 MTuWTh. McWilliams.

GL 405. Reading and Conference. 3 hours.

Reading and reports in selected periods of German literature. For German majors. Time to be arranged. Nicholls.

GL 421. German Literature of the Twentieth Century (First Term). (G) 2 hours.

First four weeks, June 21-July 16. Representative prose, poetry, and drama by contemporary German authors and those of the recent past; particular attention to experimental forms in the theater, from Hauptmann to Zuckmayer, and to the novels of Thomas Mann and Herman Hesse. Prerequisite: Survey of German literature. 9 MTuWTh. Nicholls.

GL 422. German Literature of the Twentieth Century (Second Term). (G) 2 hours.

Second four weeks, July 19-August 13. Continuation of GL 421. 9 MTuWTh. Nicholls.

GL 503. Thesis. Hours to be arranged.**GL 505. Reading and Conference.** 3 hours.

Readings and reports in selected periods of German literature. Time to be arranged. Nicholls.

GL 508. Workshop: Methods and Materials for Teaching Modern Languages. 3 hours.

June 21-July 2. Designed to assist secondary school teachers in the effective use of current textbooks and materials, including those approved for Oregon. Offered in cooperation with the Oregon State Department of Education by the

former supervisor of foreign languages in the Glastonbury, Conn. public schools. Supplementary laboratory assignments. 9-10:30, 10:45-12 daily. Wilson.

Italian

RL 70. First-Year Italian (First Term). 4 hours.

First four weeks, June 21-July 16. Grammar, pronunciation, composition, and translation of modern authors. Equivalent of the first term of First-Year Italian given during the regular academic year. 10-12 daily. Hatzantonis.

RL 71. First-Year Italian (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of RL 70. Equivalent of the second term of First-Year Italian given during the regular academic year. 10-12 daily. Hatzantonis.

RL 405. Reading and Conference. 3 hours.

Advanced study in Italian language and literature. Students interested should consult the instructor. Time to be arranged. Hatzantonis.

Russian

SL 50. First-Year Russian (First Term). 4 hours.

First four weeks, June 21-July 16. The elements of the Russian language; elementary reading, composition, and conversation. Equivalent of the first term of First-Year Russian given during the regular academic year. 8-10 daily. Tolson.

SL 51. First-Year Russian (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of SL 50. Equivalent of the second term of First-Year Russian given during the regular academic year. 8-10 daily. Tolson.

Spanish

RL 60. First-Year Spanish (First Term). 4 hours.

First four weeks, June 21-July 16. An introduction to Spanish, stressing speaking and reading; exercises in elementary composition. Equivalent of the first term of First-Year Spanish given during the regular academic year. Two sections: 8-10 daily. Dunbar. 10-12 daily. Nobile.

RL 61. First-Year Spanish (Second Term). 4 hours.

Second four weeks, July 19-August 13. Continuation of RL 60. Equivalent of the second term of First-Year Spanish given during the regular academic year. Two sections: 8-10 daily. Dunbar. 10-12 daily. Nobile.

RL 107. Second-Year Spanish (First Term). 4 hours.

First four weeks, June 21-July 16. Intensive oral and written exercises designed to help the student acquire an accurate and fluent use of Spanish. Study of selections from representative authors. 8-10 daily. Carter.

RL 108. Second-Year Spanish (Second Term). 4 hours.

Second four weeks, July 19-August 13. Equivalent of the second term of Second-Year Spanish given during the regular academic year. Continuation of RL 107. 8-10 daily. Carter.

RL 405. Reading and Conference. (G) 3 hours.

RL 407. Spanish Seminar: Tirso de Molina and the Spanish Comedia. 3 hours.

Wide reading in the Spanish drama of the seventeenth century leading to an analysis of several plays by Tirso. 11 MTuWTh. Powers.

RL 461. Advanced Spanish Composition and Conversation. (G) 3 hours.

Normally required of Spanish majors. Prerequisite: RL 347, 348, 349 or equivalent. Conducted in Spanish. 9 MTuWTh. Nobile.

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

Powers.

RL 505. **Reading and Conference.** 3 hours.

RL 508. **Spanish Seminar: Tirso de Molina and the Spanish Comedia.** 3 hours.

See RL 407 above. There will be opportunity for graduate students to pursue individual research in the drama. 11 MTuWTh. Powers.

RL 508. **Workshop: Methods and Materials for Teaching Modern Languages.** 3 hours.

June 21-July 2. Designed to assist secondary-school teachers in the effective use of current textbooks and materials, including those approved for Oregon. Offered in cooperation with the Oregon State Department of Education by the former supervisor of foreign languages in the Glastonbury, Conn. public schools. Supplementary laboratory assignments. 9-10:30, 10:45-12 daily. Wilson.

Music

Visiting Faculty: SALZER.

Professors: CYKLER, HOPKINS, KELLER, NYE, VAGNER.

Associate Professors: GUSTAFSON, HLADKY, LEE, RISINGER, SALTZMAN.

Assistant Professors: CUNNINGHAM, MAVES.

Instructors: MARTIN, ROST, TROMBLEY.

Fees. The following special fees are charged for private lessons in applied music (Mus 190, Mus 290, Mus 390, Mus 490, Mus 590): piano, violin, viola, cello, voice, one lesson a week for eight weeks, \$20.00; two lessons a week, \$33.00. Wind instruments, one lesson a week for eight weeks, \$14.00; two lessons a week, \$28.00. Practice-room fee: one hour daily for eight weeks, \$2.75.

Mus 50. **Basic Piano.** 1 hour.

Classroom instruction for music majors who receive a low rating on a test of keyboard proficiency, and for other students ineligible for piano instruction at the level of Mus 190. No-grade course. 8 MW. 8 TuTh.

Mus 51. **Basic Voice.** 1 hour.

Classroom instruction for students ineligible for voice instruction at the level of Mus 190. No-grade course. 8 MW. 8 TuTh.

Mus 190. **Performance Studies (Private Instruction).** 1-4 hours.

Individual instruction in the technical and stylistic aspects of artistic solo performance. Information concerning required levels of proficiency at each level (Mus 190 through Mus 590) may be obtained in the School of Music office. Prerequisite: audition.

Piano—Hopkins.

Flute—Trombley.

Voice—Martin.

Woodwind Instruments—Cunningham, Vagner.

Violin—Maves.

Brass Instruments—Lee, Rost.

Cello—String Bass—Hladky.

Mus 195. **Band.** 1 hour.

Prerequisite: audition for consent of instructor. 12 daily. Vagner.

Mus 196. **Orchestra.** 1 hour.

Prerequisite: audition; consent of instructor. 2 MTuTh; 7 p.m. W. Maves.

Mus 197. **Chorus.** 1 hour.

Preparation of a major choral work in the large form for public performance. Prerequisite: audition; consent of instructor. 1 MTuWTh. Risinger.

Mus 290. Performance (Private Instruction). 1-4 hours.

Prerequisite: proficiency required for satisfactory completion of Mus 190. For further information, see Mus 190. 1 MTuWTh.

Mus 321. Music Fundamentals. 2 hours.

Study of musical notation and terminology; rudiments of sight singing and ear training; introduction to simple melodic and rhythmic instruments. Designed to provide students without previous musical training with some insight into musical language and basic performance skills. Not open to music majors. Required in the elementary-education program and for majors in recreation leadership and in camping and outdoor education. 1 recitation; 1 two-hour laboratory. 1 MWF. Gustafson.

Mus 390. Performance Studies (Private Instruction). 1-4 hours.

Prerequisite: proficiency required for satisfactory completion of Mus 290 and audition. For further information, see Mus 190.

Mus 391. Performance Studies (Secondary Instrument). 2 hours.

Prerequisite: successful completion of Mus 290. For instructors, see 190.

Mus 394. Chamber Ensemble. 1 hour.

Study of masterpieces of music through small group rehearsal. For stringed instruments, wind instruments, piano, and voice. Prerequisite: audition for consent of instructor.

Mus 395. Band. 1 hour.

Audition for consent of instructor. 12 MTuWThF. Vagner.

Mus 396. Orchestra. 1 hour.

Prerequisite: upper-division standing; audition. 2 MTuTh. 7 p.m. W. Maves.

Mus 397. Chorus. 1 hour.

Prerequisite: upper-division standing; audition. 1 MTuWTh. Risinger.

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

Prerequisite: consent of dean.

Mus 407. Seminar: Structural Hearing. (G) 3 hours.**MuE 407. Seminar.** (G) Hours to be arranged.**Mus 436. Advanced Orchestration.** (G) 2 hours.

Emphasis on the scoring of original work and on the arranging of major works from other media; study of various styles of scoring by master composers. Prerequisite: Mus 338, or consent of instructor. 11 MWF. Keller.

Mus 439. Choral Arranging. (G) 3 hours.

Techniques of arranging for various types of choral groups, both accompanied and a cappella. Prerequisite: Mus 223, or consent of instructor. 10 MTuThF. Keller.

Mus 450. Listening with Understanding. (g) 3 hours.

Introduction to basic concepts of a rational approach to music listening; collateral reading; class study of selected masterpieces; laboratory. Not open to music majors. 2 MTuThF. Trombley.

Mus 459. Wind-Instrument Literature. (G) 3 hours.

Survey of literature for woodwinds and brass instruments from the sixteenth century to post-World War II; emphasis on style as it affects performance and on the development of bases for critical judgment. Prerequisite: Mus 361 or consent of instructor. 11 MTuWTh.

Mus 467. Church Music Literature. (G) 2 hours.

The functions of music in the worship service; liturgies of the Western church; hymnology; history of church and organ architecture; repertoire and style in choir and solo performance. Prerequisite: Mus 361. 11 MTuThF. Saltzman.

Mus 485. Advanced Instrumental Conducting. (G) 3 hours.

Prerequisite: Mus 388 or equivalent; consent of instructor. 9 MTuWTh. Vagner.

Mus 490. Performance Studies (Private Instruction). 1-4 hours.

Prerequisite: proficiency required for satisfactory completion of Mus 390; consent of instructor. For further information, see Mus 190.

Mus 493. Collegium Musicum. (G) 1 hour.

Study of music literature of the mediaeval, Renaissance, and baroque periods through rehearsals and extensive sight reading; vocal and instrumental repertoire. 6-8 TuTh. Cykler.

Mus 501. Research. Hours to be arranged.**Mus 503. Thesis.** Hours to be arranged.**Mus 505. Reading and Conference.** Hours to be arranged.**Mus 507. Seminar.** Hours to be arranged.

Composition.
Music History.
Music Theory.

Mus 511. Introduction to Graduate Study. 3 hours.

Methods of research and use of bibliographical materials in music. 10 MTuThF. Trombley.

Mus 512. Introduction to Graduate Study. 3 hours.

Primarily for music education majors. 2 MTuThF. Cykler.

Mus 570. Administration of Church Music. 3 hours.

Developing the music program of the church; relation of the ministry of music to the music committee, pastor, and parish; volunteer choir organization; music in the church school. 8 MTuWTh. Saltzman.

Mus 590. Performance Studies (Private Instruction). 2-4 hours.

Prerequisite: proficiency required for satisfactory completion of Mus 490; sufficient talent to justify the undertaking of graduate studies in performance. For instructors, see Mus 190.

MuE 383. Music Methods for Elementary Teachers. 3 hours.

Methods of teaching music activities in elementary schools. Required for students preparing for elementary-school teaching. Prerequisite: Mus 321, 322 or consent of instructor. 9 MTuWTh. Gustafson.

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

Prerequisite: consent of dean.

MuE 407. Seminar. (G) Hours to be arranged.**MuE 444. Choral Materials for Schools.** (G) 2 hours.

Repertoire for choral groups in secondary schools; problems of leadership, presentation, organization, and program planning. Prerequisite: consent of instructor. 9 MWF. Saltzman.

MuE 445. String Materials for Schools. (G) 2 hours.

Repertoire for orchestra and other stringed-instrument groups in elementary and secondary schools; problems of leadership, presentation, organization, and program planning. Prerequisite: consent of instructor. 10 MWF. Hladky.

MuE 501. Research. Hours to be arranged.**MuE 503. Thesis.** Hours to be arranged.**MuE 505. Reading and Conference.** Hours to be arranged.**MuE 507. Seminar.** Hours to be arranged.**MuE 532. Basic Concepts in the Teaching of Music.** 3 hours.

First four weeks, June 21-July 16. Problems and issues in the teaching of music at all levels. Prerequisite: consent of instructor. 2-4 MTuWTh. Nye.

MuE 533. Music in the Elementary School. 3 hours.

Theory, supervision, curriculum, materials, and procedures of vocal-music teaching in the elementary school. 2 MTuWTh. Gustafson.

MuE 535. Music in the Senior High School. 3 hours.

Curricula, organization, methods, and materials in senior high school music, both vocal and instrumental. 9 MTuWTh. Gustafson.

MuE 537. Comparative Music Pedagogy. 3 hours.

Comparative study of the teaching of school music in different cultures, designed to provide the basis for critical judgement of curricula and methods. 11 MTuThF. Cykler.

MuE 591. College Music Teaching: Brass Instruments.

Second four weeks, July 19-August 13. 9 MTuWTh. Lee.

MuE 591. College Music Teaching: Strings.

9 MTuWTh. Hladky.

Philosophy

Associate Professor : EBERSOLE.

Assistant Professor : ZWEIG.

Instructor : STEPHENS.

Phl 201. Problems of Philosophy. 3 hours.

An introduction to the study of some of the persistent problems of philosophy. 9 MWF. Stephens.

Phl 203. Elementary Logic. 3 hours.

An introduction to the study of reasoning. How to recognize, analyze, criticize, and construct the main types of argument and proof. 11 MWF. Stephens.

Phl 303. History of Philosophy. 3 hours.

Survey of Western philosophy from the Greeks to the twentieth century. 10 MWF. Zweig.

Phl 503. Thesis. Hours to be arranged.

Ebersole.

Physics

GS 104. Physical Science Survey. 4 hours.

General introduction to the physical sciences; principles of physics and chemistry, geologic processes, and man's relation to them. Special emphasis on scientific method. 10 daily.

Ph 418. Nuclear Physics. 3 hours.

9 daily.

Ph 501. Research. Hours to be arranged.**Ph 503. Thesis.** Hours to be arranged.**Ph 505. Reading and Conference.** Hours to be arranged.**Ph 507. Seminar: Foundations of Physics.** 4 hours.

Political Science

Professors : DAVIES, SELIGMAN.

Associate Professors : GOLDRICH, MITCHELL.

Assistant Professors : HANHARDT, FISZMAN.

Instructors : HARBERT, MENDELSON, POWELL.

PS 203. State and Local Government. 3 hours.

An introduction to politics at the state and community levels in the United States. 9 MTuWTh. Mendelsohn.

PS 312. Introduction to Comparative Politics. 3 hours.

Analysis of major concepts and approaches in the study of comparative government and politics. 11 MTuWTh. Hanhardt.

PS 320. World Politics. 3 hours.

Survey of the contemporary world situation, including a review of the various theories and empirical methods used in the study of the international system. 10 MTuWTh. Powell.

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

PS 407. Seminar: Latin American Politics. 3 hours.

Overview of Latin American politics, emphasizing the concepts of power structure, ideology, and political legitimacy; evaluation and analysis of primary data on Latin American politics, with particular reference to the role of students in politics. 8-10 TuTh. Goldrich.

PS 407. Seminar: Political Revolution. (G) 3 hours.

Analysis of causes of revolution, using historical, psychological, and sociological data to explain how violent changes in political power come about. Major forces will be appraised that produced the American, French, Russian, and other revolutions. 10-12 TuTh. Davies.

PS 414. Political Parties and Public Opinion. (G) 3-4 hours.

Analysis of the structure and functions of political parties and public opinion to provide an understanding of the broad area of politics in various contexts. 9 MTuWTh. Seligman.

PS 427. Government and Politics of the Soviet Union. (G) 3 hours.

Governmental institutions and political processes in the Soviet Union. 9 MTuWTh. Fiszman.

PS 456. Theory of Democracy. (G) 3 hours.

The internal functioning of democracy as a type of political system; social, economic, and psychological conditions which affect its development and maintenance. 10 MTuWTh. Mitchell.

PS 503. Thesis. Hours to be arranged.

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

PS 507. Seminar: Scope and Methods of the Social Sciences. 3-6 hours.

The background and perspectives of each of the social science disciplines—anthropology, economics, political science, psychology, and sociology. Selected aspects of social organization and process considered in detail. 8-10 MTuWTh.

PS 507. Seminar: Nature and Problems of Administrative Behavior. 3-6 hours.

For advanced graduate students; draws from the literature in the related fields of business administration, economics, social psychology, sociology, and political science; emphasis on fundamental research underlying human behavior as a basis for the theory and practice of administrative behavior. 10-12 MTuWTh. Jacobson.

Psychology

Visiting Faculty: BRAMEL, BRISSEY, LANSKY, PALMER.

Professor: LITTMAN.

Assistant Professors: BREGER, BRICKER.

Psy 201. General Psychology. 3 hours.

First four weeks, June 21-July 16. Introductory study of behavior and conscious processes. Survey of experimental studies of motivation, learning, thinking, perceiving, and individual differences. 8-10 MTuWTh.

Psy 202. General Psychology. 3 hours.

Second four weeks, July 19-August 13. Introductory study of behavior and conscious processes. Survey of experimental studies of motivation, learning, thinking, perceiving, and individual differences. 8-10 MTuWTh.

Psy 204. Psychology of Adjustment. 3 hours.

The nature and origins of differences in personality; survey of personality, abnormal and related areas. 10-11 MTuWTh.

Psy 208. General Psychology Laboratory. 1 hour.

First four weeks, June 21-July 16. Introduction to research methods. Designed to familiarize the student with scientific approaches to problems in psychology. 11-1 MW.

Psy 209. General Psychology Laboratory. 1 hour.

Second four weeks, July 19-August 13. Introduction to research methods. Designed to familiarize the student with scientific approaches to problems in psychology. 11-1 MW.

Psy 210. General Psychology Laboratory. 1 hour.

Introduction to research methods. Designed to familiarize the student with scientific approaches to problems in psychology. 11-1 Tu.

Psy 334. Social Psychology. 3 hours.

First four weeks, June 21-July 16. Analysis of psychological processes in relation to social situations. How languages, perception, learning, thinking, motivation, and attitudes determine and result from social interaction and group processes. Prerequisite: Psy 201, 202 or Soc 204, 205. 10-12 MTuWTh.

Psy 335. Social Psychology. 3 hours.

Second four weeks, July 19-August 13. Analysis of psychological processes in relation to social situations. How languages, perception, learning, thinking, motivation, and attitudes determine and result from social interaction and group processes. Prerequisite: Psy 201, 202 or Soc 204, 205. 10-12 MTuWTh. Bramel.

Psy 401. Research. Hours to be arranged.

Psy 407. Seminar: Communication. (G) Hours to be arranged.

Nonformal aspects of communication. Brissey.

Psy 436. Character and Personality. 3 hours.

First four weeks, June 21-July 16. Major theories of personality development and function. Prerequisite: Psy 204 or equivalent. 8-10 MTuWTh. Palmer.

Psy 450. Abnormal Psychology. 3 hours.

Second four weeks, July 19-August 13. Various forms of unusual behavior, including anxiety states, hysteria, hypnotic phenomena, and psychoses. 8-10 MTuWTh. Palmer.

Psy 460. Developmental Psychology I: Infancy and Childhood. 3 hours.

First four weeks, June 21-July 16. Development of behavior and psychological activity through the prenatal period, infancy, and childhood. Changes of intelligence, motor capacity, emotional response, language, and social behavior. Emphasis on social influences on development. 8-10 MTuWTh. Lansky.

- Psy 461. **Developmental Psychology II: Adolescence and Maturity.** 3 hours.
Second four weeks, July 19-August 13. Development of behavior and psychological activity through adolescence, maturity, and old age. Changes of intelligence, motor capacity, emotional response, language, and social behavior. Emphasis on social influences on development. 8-10 MTuWTh. Bricker.
- Psy 501. **Research.** Hours to be arranged.
- Psy 503. **Thesis.** Hours to be arranged.
- Psy 505. **Reading and Conference.** Hours to be arranged.
- Psy 507. **Seminar: The Psychology of Empathy and Altruism.** Bramel.
- Psy 507. **Seminar: Social Psychology.**
Bramel.
- Psy 507. **Seminar: Early Experience.**
Littman.
- Psy 508. **Clinic Work with Children.** 3 hours.
Breger, staff.
- Psy 509. **Practicum Experience.** 3 hours.
Breger, staff.
- Psy 524. **Individual Intelligence Testing.** 3 hours.
First four weeks, June 21-July 16. 8-10 MTuWTh. Bricker.

Sociology

Visiting Faculty: BRAMEL, JACKSON, LANSKY, THOMPSON, WENDLING.
Professor: MARTIN.
Associate Professor: JOHANNIS.
Instructor: HOWARD.

- Soc 204. **General Sociology.** 3 hours.
First four weeks, June 21-July 16. Introduction to basic sociological problems. A frame of reference, selected hypotheses, and empirical generalizations in connection with these problems; dominant characteristics of modern societies; the relation between the individual and the group. 10-12 MTuWTh. Jackson.
- Soc 205. **General Sociology.** 3 hours.
Second four weeks, July 19-August 13. Types of social groups; economic, political, and control components or groups. Prerequisite: Soc 204. 10-12 MTuWTh. Jackson.
- Soc 301. **American Society.** 3 hours.
An analysis of American society in terms of its significant structural traits and their functions; major changes in American society and selected contemporary problems examined in their relation to institutional structures. Not open to students who have completed Soc 204, 205. Prerequisite: Soc 300. 2 MTuWTh. Howard.
- Soc 305. **Contemporary Social Problems.** 3 hours.
Introduction to problems associated with the organization of social systems; deviant behavior and methods of social control. Prerequisite: Soc 204, 205, 206 or Soc 300. 1 MTuWTh. Wendling.
- Soc 334. **Social Psychology.** 3 hours.
First four weeks, June 21-July 16. Analysis of psychological processes in relation to social situations; how languages, perception, learning, thinking, motivation, and attitudes determine and result from social interaction and group processes. Prerequisite: Soc 204, 205 or Psy 201, 202. 10-12 MTuWTh. Lansky.

Soc 335. Social Psychology. 3 hours.

Second four weeks, July 19-August 13. Analysis of psychological processes in relation to social situations; how languages, perception, learning, thinking, motivation, and attitudes determine and result from social interaction and group processes. Prerequisite: Soc 204, 205 or Psy 201, 202. 10-12 MTuWTh. Bramel.

Soc 401. Research. Hours to be arranged.**Soc 403. Thesis for Honors Candidates.** Hours to be arranged.**Soc 405. Reading and Conference.** Hours to be arranged.**Soc 407. Seminar: Urban Community.** (G) 3 hours.

Sociological analysis of the modern urban community. 10-12 M. Wendling.

Soc 407. Seminar: Sociology of Leisure. (G) 3 hours.

Analysis of the impact of central social institutions, i.e., the economy, polity, family, and religion, on the patterns of use of nonwork time in society. 8-10 W. Johannis.

Soc 407. Seminar: Social Structure Analysis. (G) 3 hours.

Theory and methodology involved in measuring selected aspects of social structure for comparative purposes, including social differentiation, stratification, vertical cleavages, status integration, status equilibration, division of labor, diversification of industry, and power structure. 8-9:40 TuTh. Martin.

Soc 462. Sociology of the Family. (G) 3 hours.

The family as a social institution and its relationship to other social institutions. Prerequisite: 12 hours in sociology. 8-10 TuTh. Johannis.

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

Speech

Professors: ROBINSON, WOOD.

Associate Professors: COHEN, DeCHAIINE, KRETSINGER, NOBLES.

Assistant Professors: CHRISTENSEN, KADLEC, RYAN.

Instructor: WILE.

Rhetoric and Public Address

Sp 121. Fundamentals of Speech. 3 hours.

Projects in extempore speaking. Primary emphasis on content and organization of speeches and adjustment to the speaking situation. 9 MTuWTh or 11 MTuWTh. Nobles, Cohen.

Sp 301. Theory and Literature of Rhetoric. 3 hours.

Selected readings on the principles of rhetoric and public address from Plato to modern times. 1 MTuWTh. Cohen.

Sp 321. Argumentation. 3 hours.

Principles of effective argument, with special attention to reasoning, evidence, organization, and refutation. 11 MTuWTh. Nobles.

Sp 407. Seminar: Persuasion. 3 hours.

Nobles.

Sp 407. Seminar: Discussion and Group Methods. 3 hours.

Cohen.

- Sp 422. **British Oratory.** (G) 3 hours.
British oratory from Pitt to modern times. 10 MTuWTh. Cohen.
- Sp 501. **Research.** Hours to be arranged.
- Sp 503. **Thesis.** Hours to be arranged.
- Sp 505. **Reading and Conference.** Hours to be arranged.
- Sp 507. **Seminar.** Hours to be arranged.
- Sp 507. **Seminar: Persuasion.** 3 hours.
Nobles.
- Sp 507. **Seminar: Discussion and Group Methods.** 3 hours.
Cohen.
- Sp 507. **Seminar: Introduction to Graduate Study.** 3 hours.
9 MTuWTh. Wood.
- Sp 513. **Recent Rhetorical Criticism.** 3 hours.
The revival of the Aristotle-Cicero canon; the impact of contemporary literary criticism on rhetoric; the relevance of content analysis to rhetorical criticism. 1 MTuWTh. Nobles.

Radio and Television Broadcasting

- Sp 444. **Radio-Television Direction.** 3 hours.
Theory and technique involved in the broadcasting directional assignment. Practice in directing typical formats developed for radio and television. 10 MTuWTh. Wile.
- Sp 448. **Radio-Television and Public.** 3 hours.
The influence and importance of broadcasting as a social, political, and cultural force; the rights and duties of listeners. 8 MTuWTh. Wile.
- Sp 469. **Lighting for Television.** 2 hours.
Functions of light in the television studio; theories, methods, and special equipment for lighting television productions. 11 MTuWTh. Wile.
- Sp 501. **Research.** Hours to be arranged.
- Sp 503. **Thesis.** Hours to be arranged.
- Sp 505. **Reading and Conference.** Hours to be arranged.
- Sp 507. **Seminar.** Hours to be arranged.
- Sp 507. **Seminar: Introduction to Graduate Study.** 3 hours.
9 MTuWTh. Wood.
- Sp 508. **Workshop: Educational Television.** 4 hours.
June 14-June 25. An intensive program of class and laboratory work for teachers and administrators in the arts and skills of production and performance in the use of television in education. Time to be arranged. Kretsinger.

Speech and Hearing Therapy

- Sp 370. **Phonetics.** 3 hours.
Study of sounds used in speech; the production, symbolic nature, and determination of sounds; physical and psychological problems involved in sound perception. 2 MTuWTh. Ryan.
- Sp 371. **Speech Science.** 3 hours.
A study of the anatomy, psychology, and physics of speech. 11 MTuWTh. Wood.
- Sp 407. **Seminar.** Hours to be arranged.
- Sp 481. **Speech Pathology.** 3 hours.
Symptoms, causes, and treatment of organic speech disorders, including

deviations due to congenital malformation, injury, deafness, and neurological impairment. 10 MTuWTh. Ryan.

Sp 484, 485, 486. **Clinical Speech Therapy.** 2 hours each.

Supervised clinical work with speech defective children and adults enrolled for testing, counseling and treatment in the Speech and Hearing Clinic. (Write to Director, Speech and Hearing Clinic, University of Oregon, if you plan to register for this course in the summer session.)

Sp 487. **Audiology.** 3 hours.

The auditory function, hearing impairment, and the speech education or re-education of persons with hearing loss. 1 MTuWTh. Christensen.

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

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

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

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

Sp 507. **Seminar: Introduction to Graduate Study.** 3 hours.

9 MTuWTh. Wood.

Sp 507. **Seminar: Auditory Disorders.** 3 hours.

11 MTuWTh. Christensen.

Theater

Sp 264, 265, 266. **Production Workshop.** 2-3 hours.

Practical experience in the construction, painting, and handling of scenery and in the lighting of plays. 2-5 TuTh. Kadlec.

Sp 311. **Advanced Interpretation.** 3 hours.

Instruction in the discovery and oral expression of meaning and feeling in prose, poetry, and dramatic literature. 9 MTuWTh. DeChaine.

Sp 352. **Technique of Acting: Characterization.** 3 hours.

Problems in the analysis and presentation of characters. 10 MTuWTh.

Sp 407. **Seminar.** Hours to be arranged.

Sp 407. **Seminar: Creative Dramatics.** 3 hours.

Sp 407. **Seminar: Advanced Technique Practice.** 3 hours.

Kadlec.

Sp 460. **Advanced Play Direction.** 3 hours.

Advanced theory and practice in direction of plays for public performance. Robinson.

Sp 465. **History of Theater.** 3 hours.

An historical study of the theater from ancient times to the Renaissance. 11 MTuWTh. DeChaine.

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

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

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

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

Sp 507. **Seminar: Introduction to Graduate Study.** 3 hours.

9 MTuWTh. Wood.

Sp 507. **Seminar: Advanced Technical Practice.** 3 hours.

Kadlec.

Sp 507. **Seminar: Creative Dramatics.** 3 hours.

Sp 552. **Theory of Dramatic Production.** 3 hours.

Analysis and study of theory of acting. 8 MTuWTh. Robinson.

Juvenile Courts Program

The Juvenile Court Summer Institute will be held on the University campus the week of August 16 through 20. This program is sponsored jointly by the Oregon Juvenile Judges Association and the University of Oregon. It is planned as a training program for juvenile correctional personnel and as undergraduate and graduate training for students interested in the juvenile correction field.

A special fee on a daily or a five-day basis is required for participation. Two term hours of University credit may be obtained by registering with advisers' approval in "Seminar: Juvenile Delinquency," offered in the 507 seminar series by the departments of Psychology and Sociology and the School of Education.

For additional information write to: Director, Juvenile Court Summer Institute, 1901 Garden Avenue, Eugene, Oregon.

Soc, Psy, Ed 507. **Seminar: Juvenile Delinquency.** 2 hours.

August 16-20. Designed for undergraduate and graduate students interested in juvenile correction. Daily lecture and workshop sessions present an interdisciplinary, behavioral-science approach to prevention and treatment of juvenile delinquency. Distinguished social and behavioral scientists featured. Prerequisite: consent of instructor. Daily. Polk, staff.

Problems of Modern Africa

Anth 507. **Seminar: Problems of Modern Africa.** 6-8 hours.

This seminar will be focused on a series of broad problems such as (a) the development of educational programs in Africa, (b) the provision of welfare services for a rapidly expanding population, (c) economic development problems, (d) the role of science and technology for the developing economies of Africa, (e) issues and alternatives in providing political stability, (f) participation in Pan-African and international organizations and conferences, (g) the prospects for African cultural "integrity" and vitality, and (h) the relations between African countries and the United States. On all these broad questions attention will be given to recent activities and prospective new activities, with critical evaluation of established goals and the means for realizing these goals. The experience of various African countries will be compared with the experience of non-African countries in comparable problems of development. Dorjahn.

Summer Academy of Contemporary Arts

The seventh annual Summer Academy of Contemporary Arts will be held on the University campus during the 1965 summer session. A series of two-week courses devoted to various aspects of contemporary arts will be taught by distinguished lecturers and practicing artists. The focus of all courses will be on present trends and significant work in this century; lectures will be supplemented by class discussions and observation. As a culminating part of each course, the artist-in-residence or commentator will present a public performance appropriate to his field.

Students may enroll for the complete Summer Academy program or for selected courses at the beginning of the summer session or at the beginning of each two-week course. The courses are open to auditors as well as students registered for credit. Each course carries 1 or 2 term hours of undergraduate or graduate credit. In all courses, a bibliography is furnished as a guide to the student's future

reading. The fee for regular University credit or for audit is \$28.00 for each two-week session.

Some of the course lectures are scheduled from 3:00 to 4:00 p.m. Monday through Thursday, with discussion periods from 4:00 to 5:00 p.m. on the same days; other lectures are scheduled from 1:00 to 2:00 p.m. with discussion periods from 2:00 to 3:00 p.m.

All Summer Academy lectures are open to the public. The fee for visitors is \$8.00 for each two-week session; tickets will be on sale at the door or at the University Business Office. Visitor's comments or questions are welcome during the question sessions. No distinction in seating is made between auditors, regularly enrolled students, and visitors.

For further information see the Summer Academy brochure, which will be furnished on request to the Summer Session Office.

Mus 443. **Contemporary Music.** (G) 1-2 hours.

3-5 MTuWTh. 2 weeks.

Sp 439. **Contemporary Drama.** (G) 1-2 hours.

3-5 MTuWTh. 2 weeks.

AA 439. **Contemporary Art.** (G) 1-2 hours.

3-5 MTuWTh. 2 weeks.

Eng 437. **Contemporary Literature.** (G) 1-2 hours.

3-5 MTuWTh. 2 weeks.

PE 439. **Contemporary Dance.** (G) 1-2 hours.

3-5 MTuWTh. 2 weeks.

Vacation College

Vacation College, which was inaugurated in the summer of 1964 as the first college of its kind in the United States, will be offered August 15-22, 1965. The theme of this session is "Interpreting American Society."

Designed for adults, Vacation College has no entrance requirements, no examinations, and offers no college credit. Classes are held during the week from 9:00 a.m. until noon. The afternoons are free for reading, browsing, the Arts and Crafts class, or recreational activities. Special entertainment will be offered every evening.

Participants are expected to attend the morning classes and to eat lunches and dinners in the dormitory whether they live in the Vacation College dormitory or off campus.

The faculty is composed of Dr. Grace Graham, a recognized specialist in the social foundations of education and author of the recently published book *The Public Schools in the American Community*; Dr. James R. Klonoski, assistant professor of political science, a recent staff member of Brookings Institution and a Congressional Fellow; Dr. Robert L. Peterson, assistant professor of history, a popular lecturer on television as well as in college classes, who specializes in the economic history of the United States. In addition to the above staff, every day an exceptionally well-qualified professor from a different academic discipline will lecture on his specialty and join Vacation College students in lunch and dinner conversations.

A fee of \$120 covers all expenses, including board and room, tuition, health service, and tickets to plays, movies, and other entertainment. Linen and towels will be furnished. For students who do not room and eat breakfast in the dormitory the fee is \$83. Sons and daughters of high-school age may register and participate for the same fees.