

University of Oregon
Summer Session
Bulletin
Eugene 1975



Note

Registration Request cards are in the back of this catalog.

All students must file a *Registration Request* with the Office of the Registrar before registration procedures can begin. Filing the *Registration Request* before June 1 insures that personal registration materials will be available for registration on June 23.

Filing the *Registration Request* does not constitute admission to the University of Oregon. Admission information appears on pages 8 and 9.

Complete registration information appears on page 14.

General Catalog Information

The 1975-76 *University of Oregon General Catalog* will be available about July 1. Copies may be obtained by mailing \$2.25 to University of Oregon, Box 3449, University Station, Eugene, Oregon, 97403. Zip code must be included in the return address.

On-campus purchases may be made for \$2.00 from the U of O Bookstore or from the Erb Memorial Union.

The University of Oregon is a member of the Oregon State System of Higher Education

Address for all University offices is:
University of Oregon
Eugene, Oregon 97403

Telephone (University Information) is:
(Area Code 503) 686-3111

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Number 10
Spring 1975



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Registration Request ■ 1975 Summer Session only**University of Oregon, Eugene**Social Security No. _____ (required) Information **MUST** Be LegibleFull Legal Name _____ / _____ / _____
First Middle Last

Any other name for you in our files? If yes, what name? _____

Mailing address _____
Street and Number City ZipSex: male; female Telephone _____
State or CountryHave you ever attended the UO? Yes, ; No, .
If yes, indicate the last term and year attended (do not include Division of Continuing Education). Fall Winter Spring Summer 19____Indicate your **present class level**
(check one) Special or freshman Sophomore Senior
 Freshman Junior GraduateDo you now have, or will you receive a degree by the beginning of Summer Session? _____
if yes, what degree _____Do you plan to attend a pre-session workshop June 16-20? Yes, ; No, .**Registration Request ■ 1975 Summer Session only****University of Oregon, Eugene**Social Security No. _____ (required) Information **MUST** Be LegibleFull Legal Name _____ / _____ / _____
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(check one) Special or freshman Sophomore Senior
 Freshman Junior GraduateDo you now have, or will you receive a degree by the beginning of Summer Session? _____
if yes, what degree _____Do you plan to attend a pre-session workshop June 16-20? Yes, ; No, .

All Summer Session students intending to enroll for credit in 1975 Summer Session must file a **Registration Request** with Summer Session Office or the Registrar's Office before official registration procedures can be started.

Personalized registration materials will be prepared from the information on this form. *In order to avoid delays in completing the registration process the **Registration Request** must be filed with the Summer Session Office or the Registrar's Office by June 1 for all eight-week or eleven-week courses.*

Students registering for courses that begin June 16 (usually workshops) or after June 23 must file a **Reg-**

istration Request at least three weeks prior to the beginning of the course. Filing of a **Registration Request** in no way constitutes admission; the **Request** is for registration purposes only. For information about admission, see pages 8 and 9 of this catalog.

Complete registration information appears on page 14.

For additional **Registration Request** cards, please write to:

Summer Session
64 Prince Lucien Campbell
University of Oregon
Eugene, Oregon 97403

Summer Session
64 Prince Lucien Campbell
University of Oregon
Eugene, Oregon 97403



Summer Session
64 Prince Lucien Campbell
University of Oregon
Eugene, Oregon 97403



University of Oregon Catalogs 1975-76

This Volume Contains :

University of Oregon Summer Session Catalog 1975
University of Oregon General Catalog 1975-76
University of Oregon School of Law Catalog 1975-76
University of Oregon Official Degree Lists for
August 1975, December 1975, March 1976, June 1976
Time Schedule of Classes for 1975, 1975-76

Note : The Dental, Medical, and Nursing Schools have been reorganized into a single and independent administration, the University of Oregon Health Sciences Center. Catalogs for those institutions will no longer be a part of this series.

Oregon State System of Higher Education



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1975 University of Oregon Summer Session Catalog

The University of Oregon is a member
of the following associations:
Association of American Universities
Northwest Association of Secondary and Higher Schools

Association of University Summer Sessions
National Association of Summer Sessions
Western Association of Summer Session Administrators

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Academic Calendar Summer 1975

June 16, Monday . . . Pre-session workshops begin
June 23, Monday . . . Registration
June 24, Tuesday . . . Classes begin
June 25, Wednesday . . . Last day to pay fees without penalty
July 4, Friday . . . Independence Day, Holiday
July 11, Friday . . . Last day to apply for all degrees
August 1, Friday . . . Last day to schedule final doctorate presentations in Graduate School Office
August 14-15, Thursday-Friday . . . Final examinations, eight-week courses
August 16, Saturday . . . Summer Graduation Convocation
August 22, Friday . . . Last day to submit to Graduate School the *Statement of Completion of Requirements for Master Degree*
August 22, Friday . . . Last day for final presentation, doctorate
September 1, Monday . . . Labor Day, Holiday
September 2, Tuesday . . . Last day to file theses in Graduate School
September 4-5, Thursday, Friday . . . Final examinations, eleven-week courses
September 5, Friday . . . Summer Session ends



General Information

History

THE HISTORY of the University of Oregon dates from October 19, 1872, when the University was established by an act of the Oregon Legislature. The institution formally opened its doors to its first 177 students on October 16, 1876; the University will observe its centennial anniversary in 1976. Currently, there are over 16,000 students enrolled, including some 3,600 in graduate studies; an additional 1,557 students attend the Health Sciences Center on the University's Portland campus. The University has over 1,300 faculty members engaged in teaching and research during the regular academic year. The summer session has a faculty of 500, and an average enrollment of 7,000. The first University summer session class met in 1904.

From a small curriculum limited almost entirely to classics and literature, the University has continued to expand to a current curriculum covering a broad range of knowledge. There are now thirty-five departments and special programs in the liberal arts; nine professional schools and colleges; twelve research bureaus, institutes, and centers; and a graduate division.

The quality of the programs of instruction at the University of Oregon was recognized in 1969 when the institution was named to membership in the Association of American Universities. The University has full accreditation from the Northwest Association of Secondary and Higher Schools.

Funds for the support of higher education in Oregon are derived primarily from state appropriations for the operation of institutions, specified sums from the national government assigned for definite purposes by Congressional

acts, income from student tuition and other fees, and such sources as gifts, grants, sales, and service charges.

Summer 1975

The University of Oregon summer session is designed to meet the educational needs of a broad range of students; therefore, the curriculum is organized into a calendar of varying lengths of time.

The **eight-week session** is the primary calendar period. In 1975, it begins on June 23 and concludes August 15.

The **eleven-week session** begins on June 23 and concludes on September 5. The majority of course offerings for this period are undergraduate, three-term sequence courses. The first term of sequence courses is scheduled for June 23-July 18; the second term is July 21-August 15; and the third term is August 18-September 5.

Additional courses of varying lengths of time are offered throughout the summer. Most are scheduled for four weeks, but a number of two-week and one-week courses are also offered.

Students may register for courses in any combination of time periods.

The maximum credit hour load for undergraduate students is 21 credit hours for the total summer session.

For the 1975 summer session, all students will pay Oregon resident fees; the nonresident fee is waived. Complete fee information begins on page 14.

For further information about the 1975 summer session, direct inquiries to the Director of Summer Session, Room 64, Prince Lucien Campbell, University of Oregon, Eugene, Oregon 97403. The telephone is (503) 686-3475.

Equal Opportunity. The University of Oregon is committed to provide equal opportunity and access to University facilities to everyone, without regard to race, creed, color, age, sex, handicap, or national origin. In an affirmative action policy statement adopted on October 15, 1971, and revised in December 1974, the University pledged as follows:

Policy. It is the policy of the University of Oregon that discrimination based on race, color, religion, sex, age, handicap, or national origin shall not exist in the University. This applies to all facets of the University, and is intended to carry out explicitly all state and federal laws and executive orders which pertain to discrimination. Through an Affirmative Action Program, the University is pledged to actively seek new and creative ways to combat discrimination and to insure that nondiscrimination is a pervasive part of the University environment. The primary objectives of the Affirmative Action Program are to:

- (1) increase substantially the employment of women and minority-group persons in all segments of the University's work force to levels at least equal to their availability within comparable work forces.
- (2) insure that women, minority-group, handicapped, and older workers receive equal opportunity and treatment with other employees in respect to appointments, salary, promotion, advancement, and all other aspects of employment.
- (3) improve admissions of minority and female students, particularly to Ph.D. and other graduate and professional programs.

The University of Oregon has established an Office of Affirmative Action to carry out this program.

The University Library. The services of the University of Oregon Library are organized in broad subject divisions: Social Science, Science, Humanities, and General Reference. Each of the divisions has its own reading areas, conveniently integrated with its book collections. All University students have access to the book stacks.

The services of the subject divisions are supplemented by the Audiovisual Media Center which provides facilities for the production, preservation, and use of recordings, films, and similar materials, and by the Special Collections Division which is responsible for the development and care of collections of Pacific Northwest historical materials, rare books, manuscripts, and University archives.

The Library's facilities for undergraduate work are excellent, and strong collections for advanced study and research are being built in the various fields of liberal and professional scholarship. All of the books in the libraries of the institutions of the Oregon State System of Higher Education are available to the students and faculty of the University.

Books other than reference books and those especially reserved for use in the Library may be borrowed for a period of two weeks, with the privilege of renewal if there is no other demand. Library privileges are extended to all University students and staff members, and may be granted to other persons upon application.

Library hours will be announced just prior to the summer session.

Museum of Art. The University of Oregon Museum of Art was erected in 1930 with private funds provided by the generosity of friends throughout the state. The primary purpose for the museum was the promotion among the students and faculty at this University, and the public at large, of an active and continuing interest in the visual arts, both past and present. The adjoining courtyard of contemporary sculpture was dedicated to the memory of Prince Lucien Campbell, fourth president of this University, and construction was funded exclusively by his many friends and supporters.

The Murray Warner Collection of Oriental Art was the nucleus of the museum's collections in the early 1930s and includes over 6,000 objects, representing principally the cultures of China and Japan, but also works from Cambodia, Korea, Mongolia, Russia, and American and British works of Oriental influence. Over 801 acquisitions, through gift and purchase, have been acquired in the Oriental and Greater Pacific Basin areas since the completion of the Warner bequest in 1940. The Oriental and Greater Pacific Basin collections are constantly growing in quality and number. Recent additions to these collections have been made in Ghandaran and Indian sculpture, Chinese jade, Persian miniatures and ceramics, Syrian glass, and contemporary Japanese arts and crafts.

In addition, this museum has been actively and successfully collecting in the contemporary American, European and Greater Pacific Basin areas, with particular emphasis on contemporary artists and craftsmen from the Pacific Northwest; a major new collection of African crafts is primarily from Ghana and Nigeria. Over 1,943 works are currently contained in a growing collection of Contemporary Pacific Northwest and American art. In 1970, a permanent gallery was devoted exclusively to this area. Included in this collection are the over 500 works, both archival and major, executed by the internationally renowned Northwest artist, Morris Graves, and over 137 photographs of buildings throughout this nation designed by the internationally famous Northwest architect, Pietro Belluschi.

The museum serves as an extension service and a resource center for students and faculty at this University in all academic disciplines, but primarily serves those in the School of Architecture and Allied Arts and in Asian Studies. Art History and Art Education classes and seminars make frequent use of this museum. The museum maintains a student study center where small exhibitions of particular works may be viewed upon request by faculty and students. Study carels for student, faculty, and visiting scholars are available. A Museology course is offered annually on a three-quarter basis by the Director of this museum through the Department of Art History, and is available to seniors and graduate students primarily from the School of Architecture and Allied Arts. Master of Fine Arts candidates from the Department of Fine Arts are provided the opportunity annually to exhibit their projects at this museum.

An extensive changing exhibitions program is maintained. Exhibitions are local, national, and international in scope. All exhibitions and programs are funded privately with assistance from The Friends of the Museum. The Friends of the Museum, which was organized in 1957, maintains an active statewide membership which helps to support such activities as an outreach program, Statewide Services, the Docent Council, and the staffing of the New Rental-Sales Gallery and Rainbow Gift Shop. Membership in the Friends of the Museum is open to

the public with dues ranging from \$3 (Student) to \$250 and higher (Benefactor).

The Museum of Art constantly strives to maintain diverse exhibitions and programs to provide for the many and varied needs and interests of the students, faculty, and public at large. Attendance has steadily grown from 8,200 visitors in 1953 (when the museum first opened to the public on a regular basis) to over 70,000 this past year. The museum is closed to the public on Mondays; from the middle of August until the opening of the University fall term; and during all University holidays. The public is always welcome. Admission is free.

Museum of Natural History. The Museum of Natural History is a faculty and facility devoted to the study and promotion of the several disciplines of natural history through collections, research, exhibitions, and furtherance of public understanding. The Museum, a subdivision of the College of Liberal Arts, incorporates the Herbarium, the Museum of Zoology, the Condon Museum of Geology, and the Oregon State Museum of Anthropology. The Museum holds significant collections in the fields of Anthropology, Archaeology, Botany, Geology, Mammalogy, Ornithology, Paleobotany, and Vertebrate Paleontology. These collections are housed mainly in the Museum building in the Science Complex, just south of Franklin Boulevard. There are small, representative portions of the collections exhibited in a display-area open to the public. The curators make collections available to members of the faculty, University classes, individual students, visiting scholars, and qualified persons generally. Specimens are loaned to individuals at qualified institutions throughout the United States and Canada, and suitable specimens are loaned to school teachers for enhancement of their classes.

The public-display area is visited by about fifteen thousand people yearly, as groups and as individuals. The staff of the Museum answer inquiries from the public about plants, animals, rocks, fossils, and artifacts, and offer consultation in natural-history matters.

The Museum has facilities for field-work and research in Archaeology, Botany, Geology, Paleobotany, and Vertebrate Paleontology. Current topics of research by the staff include regional botany, archaeology of the lower Columbia Basin and the northern Great Basin, evolution of early land-plants, and geology of volcanic rocks.

The Union. The Erb Memorial Union (EMU) is a combination of facilities, services, and programs dedicated to making the extracurricular life of students an integral part of their education. The EMU provides group meeting rooms, a variety of food service units, an art

gallery, lounges, and a recreation center, as well as a staff of program consultants to help groups and individuals in planning programs. Student government and activities offices are located on the ground floor of the EMU. Also housed in the building are a branch of the U.S. Postal Service, an information center, a small store, a ticket outlet, and the University lost-and-found office. The headquarters of the Outdoor Program are located in the EMU, as well as an Outdoor Resource Center store. The Crafts Center, offering informal work and instruction in ceramics, jewelry, graphics, woodworking and photography is located on the ground floor. Also a part of the EMU, but not housed in the building, is the Canoe Shack providing canoe rental for use on the millrace and elsewhere.

Student Health Center. The purposes of the Student Health Center are to assure students of the University of Oregon a healthy environment in which to live and work, to safeguard the general health of the students, and to teach them the value of preventive and curative medicine through health education and individual, informal, health counseling.

The student health services in the institutions in the Oregon State System of Higher Education are supported by student health fees. Every student registered for credit during Summer Session is entitled to all the services offered by the Student Health Center. Health histories and immunizations are not required of summer students. Summer Session students enrolling in fall term should consult the general catalog for immunization and health-history requirements. Health Center hours are 8:00 a.m. to 4:30 p.m., Monday through Friday and 8:00 a.m. to 11:30 a.m. on Saturdays. Visits are by appointment, except for emergencies.

Office of Academic Advising. This office serves as the center for the advising program, and as a clearing house for information on academic requirements and regulations. Students may direct inquiries on these matters to the Director, Office of Academic Advising, 107 Samson H. Friendly Hall.

The Office of Academic Advising coordinates the advising of students who have not yet chosen a major field. When previously uncommitted students select a major field, they are referred to the appropriate school or department for advising. Information is available on all Pre-Health science areas through the coordinator for Pre-Health Science who works in the office. The advising for Educational Opportunity Students and special academic information for these students is also available in this office.

Undergraduate Studies

Admission as an Undergraduate. Formal admission to the University is not required for enrollment in the summer session. However, the summer student who wishes to become a candidate for a degree from the University or intends to continue studies in the fall, winter, or spring term is encouraged to complete regular University admission procedures. This is especially critical now, for some programs open to enrollment in the summer will be closed to further enrollment in the fall. At least thirty days before the opening of the summer session, there should be sent to the Director of Admissions: (1) an application on an official University form; (2) a \$10.00 application fee (not refundable); (3) official transcripts of all high-school and college records. Specific admission requirements are available from the office of the Director of Admissions.

Admission through Prefreshman Program. A resident of Oregon, unable to qualify for fall-term admission on the basis of a high-school record or the test scores of either SAT or ACT, may qualify for admission by completing acceptable work during summer session. Those students seeking to qualify for fall-term admission may choose between a 12 credit-hour structured program or a 15 credit-hour unstructured program of elective course work. The structured program must include 3 credit hours of writing and any 9 credit-hour combination of humanities, social science, or science. To qualify for fall-term admission, students are required to earn a 2.00 (C) grade-point average. A nonresident may qualify for fall-term admission with either of these programs, but is required to earn a grade-point average of 2.25. Complete information about the prefreshman program is available from the Director of Admissions.

Orientation for New Students. New students are encouraged to attend an orientation meeting at 6:30 p.m. on Sunday June 22 in Room 150 Science Building. Resource personnel will be present. This session is planned to assist new students in understanding the general academic policies and procedures of the University.

Grading System. Student course work is graded as follows: A, excellent; B, good; C, satisfactory; P, satisfactory or better; N, unsatisfactory; I, incomplete; W, withdrawn; X, no grade reported by instructor; Y, no basis for grade. Students ordinarily receive one of the four passing grades or N. When the quality of the work is satisfactory, but some minor yet essential requirement of the course has not been completed for reasons acceptable to the instructor, a report of I may be made and additional time granted for completion of the work; except in extraordinary circumstances, the extension of time will not exceed three terms. In certain no-grade courses, students receive marks of P (pass) or N (no

pass). W indicates official withdrawal from a course; this requires filing the proper forms in the Office of the Registrar in accordance with University regulations which appear in the *Summer Session Time Schedule of Classes*. Eighty-five per cent of all work graded A, B, C, D, F, N (I, X, Y, are marks and are not counted as work completed) completed at the University of Oregon must be passed satisfactorily for all degrees.

Students are required to complete at least 90 undergraduate credits on a graded basis (45 credit hours of graded work at the University of Oregon). Graduation requirements for most undergraduate majors include 186 credit hours of satisfactorily completed work. Students have the option of electing certain of their courses on an ungraded basis (P or N). Each department, school, or special program has its own regulations on ungraded courses for majors. Before exercising the ungraded option, students should confer with advisers.

Program Planning. Essential tools for planning the summer's academic program are this catalog and the *Summer Session Time Schedule of Classes*. Students planning to attend fall term should also check the University's general catalog, available for purchase after July 1. The 1975-1976 catalog will contain statements of official policy and practices for all aspects of the University's operation, including admission to the regular session and degree requirements and the courses of instruction offered in schools and departments of the University.

The *Time Schedule* will note the time and place for class meetings. It will also contain the summer academic calendar, the summer term examination schedule, notes on prerequisites, and sections of the Student Conduct Code. The *Time Schedule* is dispensed by the Office of the Registrar. The catalog is sold to persons on-campus at the University of Oregon Bookstore; it is sold off-campus by mail addressed to the Publications Office.

Meeting with an Adviser. All students are welcome to confer with members of the teaching faculty. All new students admitted on a regular basis are required to present a program of study signed by an adviser before registration can be completed.

Objectives of the advising program are to help all students make the most of their educational opportunities, and to assist each student with the planning of an academic program and the interpretation of the University's academic requirements and regulations.

Students who have selected a major field should consult the appropriate instructional department. Students who have not declared a major should report to the Office of Academic Advising.

Study Loads. Students may take courses in both the eleven-week and eight-week sessions concurrently. A maximum of 21 credit hours is allowed for undergraduates during the summer session. No exceptions will be made.

Major. Students need not declare an official major during the summer session.

Graduate Studies

Many summer courses are available for graduate students; in some departments and professional schools, all, or nearly all, of the work for a master degree may be completed in summer sessions.

Admission to Graduate School. Admission to the Graduate School is necessary before credits earned in summer sessions may be counted toward an advanced degree at the University. Admission to the Graduate School requires graduation from an accredited four-year college or university, and acceptance by the professional school or major department in which the student proposes to study. (Students from unaccredited institutions which offer the equivalent of baccalaureate instruction, but not the degree itself, may be admitted under special procedures if they are accepted by a school or department.) Acceptance is subject to the approval of the dean of the Graduate School. Schools and departments establish their own specific requirements for graduate admission; it is the responsibility of the student to be familiar with these before applying for admission. Initial acceptance may be conditional.

Students planning to work on a graduate program only in summer sessions should submit a Graduate Application for Admission to the appropriate school or department well in advance of arrival on campus; otherwise, the application must be submitted as early as possible in the first summer of enrollment. Students must be accepted by a school or department and admitted to the Graduate School by July 15 to ensure that credits earned during the summer session will apply toward a graduate degree at the University.

Former University of Oregon students must be formally admitted to the Graduate School in compliance with the same regulations governing applicants from other colleges and universities. Students who have been formally admitted to the Graduate School and who wish to change their major must file a *Change of Major* form with the new department and any additional documents the department may require.

A fee of \$10.00 is required of students not previously enrolled at the University of Oregon, payable when the application for admission is submitted.

Inquiries concerning graduate admission should be directed to the school or department in which the student plans to study, not to the Graduate School or the Office of Admissions.

Documents Supporting Application. Application for admission to the Graduate School must be submitted on an official University form, together with transcripts of previous college work. The first copy of the form and an official transcript of the most recent degree are to be sent to the Office of Admissions, University of Oregon. The remaining copies of the application form, and an official transcript of all earlier college work, both undergraduate and graduate, must be sent to the school or

department in which the student plans to study. At the option of the school or department, the student may also be required to furnish such additional material as transcripts of test scores (Graduate Record Examination, Miller Analogies, etc.), evidence of foreign language proficiency, and letters of reference. The applicant should ascertain from the school or department what additional material, if any, is expected.

Continuing Study in Fall Term. Students who enroll as Graduate School students in the summer session, and who wish to continue their studies in the fall term, must submit an *Intent to Re-enroll* form no later than July 15. Because acceptance for the summer session does not of itself comprise acceptance for the succeeding fall, the *Intent to Re-enroll* form must be approved by both the Graduate School and the school or department in which the student plans to study.

Admission as a Transient Graduate Student. Students with a baccalaureate or higher degree who wish to take graduate courses at the University summer session, but who do not plan to work for a degree, need not apply for admission to Graduate School. They will be designated as transient graduate students. Work completed will appear on official records as graduate credit, and may be transferred to other institutions subject to their regulations; this work may not be used toward an advanced degree at the University of Oregon. Transient students may enroll in graduate courses under the same conditions that apply to all students admitted to Graduate School; but in courses where class size is limited, Graduate School students will be given preference in enrolling.

Continuous Enrollment. Students who have been admitted to the Graduate School either to work toward an advanced degree, or to take a specific program of graduate courses in pursuit of a nondegree objective (certificate, credential) must enroll continuously (except for summer session) in the University from the time of first registration until the completion of all requirements for the degree or for the certificate or credential. Registration for extension courses in the Division of Continuing Education does not satisfy the continuous enrollment requirement.

In any term in which students are making use of University services and facilities, they must be enrolled for a minimum of 3 credit hours of graduate course work and pay the appropriate fees. It is usually expected that this work be done in residence. However, registration by proxy is permitted for authorized course work to be completed in absentia, when, for example, the student is living elsewhere while writing a thesis and sending portions of it to an adviser for criticism.

If a program of study is interrupted for one or more terms (excluding the summer session), the student must register for on-leave status in order to maintain graduate standing. On-leave status requires no fees, but neither does it permit demands on University staff and facilities. Failure to register for on-leave status leads to automatic cancellation of standing in the Graduate School. Return at a later date will require application for readmission,

via the major department and the Graduate School. Re-admission is subject to quota limitations in effect for the term requested.

On-leave status is granted for a stated period of time. Graduate students enrolled in the regular academic year may be granted on-leave status not to exceed one calendar year. Students who are doing all of their graduate work in summer sessions must secure leave for each ensuing academic year, and may request extensions of leave until a degree is received, subject only to the seven-year time limit for master degrees. An application for on-leave status, endorsed by the major school or department, must be received by the Graduate School not later than the last day to register for classes in the pertinent term as stated in the *Time Schedule of Classes*.

Credit Requirements. The master degree requires completion of an integrated program of study totaling not less than 45 credit hours in courses approved for graduate credit; at least 24 of these hours must be earned in University of Oregon graded graduate courses. Integration may be achieved either through a departmental major or through a program of interdisciplinary studies. The master degree with a departmental major ordinarily requires a minimum of two-thirds of the work (30 credit hours) in the major field. A student earning the first master degree from the University of Oregon may receive the second master degree in a different field by taking not less than 30 graduate credits in the new major at the University of Oregon, of which 24 must be in University graded graduate courses. Schools and departments may require more than this minimum in individual cases. If the first master degree is from another institution, the second master must comply with the normal University master-degree requirements. Graduate courses graded P may be counted in the 45 credit hours required for a master degree (or the 30 for a second master), but may not be counted in the required 24 credit hours of University pass-differentiated graduate courses.

Grade Requirement. A graduate student is required to earn at least a 3.00 average in all University pass-differentiated graduate courses taken for graduate credit in a degree program. A grade-point average of less than 3.00 at any time during the student's graduate studies or an accumulation of more than five hours of N grades, regardless of the grade point, is considered unsatisfactory, and may result in disqualification by the dean of the Graduate School after consultation with the student's major school or department. Disqualification means that the student is dropped from the Graduate School and the degree program terminated. Graduate credit is not granted for a course in which the student earns a grade of N.

Residence Requirement. The minimum residence requirement for the master degree is 30 credit hours of work on the Eugene campus after admission to the graduate program. Master-degree work must extend over a minimum of three terms if the individual has less than 12 credit hours of transfer graduate credit or less than 12 hours of a combination of transfer graduate credit and transfer of baccalaureate credit (transfer of baccalaureate credit not to exceed 9 hours); or a minimum of two terms if the individual has 12 or more hours of transfer graduate credit or a combination of transfer graduate credit and transfer of baccalaureate credit (transfer of baccalaureate credit not to exceed 9 hours) total 12 or more credit hours. The residence requirement for the M.F.A. degree in studio arts is two academic years (six terms). The

residence requirement for a second master degree is a minimum of two terms of full-time study on the Eugene campus. Graduate credits taken in undergraduate status and reserved for a master's program do not count as part of the residency requirement.

For the Ph.D. degree, at least three years of full-time work beyond the bachelor degree are required, of which at least one academic year (three consecutive terms of full-time study, with a minimum of nine credit hours per term) must be spent in residence on the Eugene campus. In the event the master degree is conferred by the University of Oregon, the three consecutive terms in continuous full-time residence must be after all requirements for all master degrees are completed.

Transferred Credit. Credit earned while a graduate student at other accredited graduate schools, or in the Division of Continuing Education of the Oregon State System of Higher Education, may be counted toward the master degree under the following conditions: (1) the total of transferred credit may not exceed 15 credit hours in a 45-hour master degree program; (2) the courses must be relevant to the degree program as a whole; (3) the transfer must be approved by the student's major department and the Graduate School; (4) the grades earned must be A, B, or P; (5) transferred credit may not be used to meet the requirement of 24 term hours of credit in University graduate pass-differentiated courses. Graduate credit is not allowed for correspondence courses. Credit granted for work completed at another institution is tentative until validated by work in residence.

Distinction Between the M.A. and M.S. Degrees. For the M.A. degree, the student must show a competence in one foreign language; the level of proficiency and the method of determining that level are decided by the school or major department. There is no language requirement for the M.S. and professional degrees unless specified by the school or department.

Course Requirement. For the M.A. or M.S. degree with a departmental major, at least 9 credit hours in 500-599 courses taken on the University of Oregon campus are required; for the interdisciplinary master degree, at least 6 credit hours in 500-599 courses are required.

Time Limit. All work for a master degree must be completed within a period of seven years. This includes work for which credit is transferred, the thesis, and final examination.

Course Load. The normal full-time course load for a graduate student is 16 credit hours. Students wishing to register in excess of this level must obtain permission from the appropriate School or Department and must pay additional fees at a rate of \$25.00 for each credit hour in excess of the 16. Included in the 16-hour total are credits earned in pre-session and post-session workshops, seminars, and other credit-yielding activities. Graduate students holding Graduate Teaching Fellow appointments are limited in maximum credit hours registration. (15 hours for 0.15 FTE appointments, 12 hours for 0.30 FTE, and 10 hours for .50 FTE). Exceptions to these GTF maximum course levels must be approved by the Graduate School.

All graduate students using campus facilities or studying under the supervision of a member of the faculty are required to register for a minimum of 3 credit hours of course work per term. This rule applies also to students taking comprehensive or final examinations or present-

ing recitals or terminal projects for advanced degrees. If all degree requirements, including examinations and completion of thesis, have been met in the term before that in which the degree is awarded, the student need only register for on-leave status. Final copies of the thesis must be filed at the Graduate School three days before registration for the next term or the student will be required to register for the minimum 3 hours.

Thesis Registration. All graduate students working toward an advanced degree for which a thesis is required must register for Thesis (503). The candidate for a master degree with thesis is required to register for a minimum of 9 credit hours in Thesis (503) before completing the program for the degree. A student working toward a doctorate is required to register for a minimum of 18 credit hours in Thesis before completing the program for the degree. With school or department approval, up to 3 of the 9 hours of Thesis required for the master degree and up to 6 of the 18 required for the doctorate may be in Research (501) instead. Credit for Thesis (503) and Research (501) is granted on a pass/no-pass basis.

Graduate Program for Teachers

A special program of graduate study for students working toward the satisfaction of the Oregon state requirement of a fifth year of college work for standard secondary teacher certification is offered as one of the University's programs of interdisciplinary studies. Students must have a reasonable background of undergraduate study in education and in the field in which they propose to work, as evidenced by holding a basic certificate of secondary teaching, and must complete prerequisites for specific courses. Certification requirements for the institutional recommendation for the standard certificate are separate from the University of Oregon master degree requirements. However, some courses completed in a master degree program may be applied in meeting certification requirements. Depending upon individual student background, additional courses at either graduate or undergraduate levels may be required for certification. All students admitted to this program should file their planned program to meet certification requirements with the Office of Teacher Certification in the College of Education. The requirements for a master degree in the program for teachers are as follows:

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

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

Option 1. A minimum of 36 credit hours in one of the following fields: computer science, English, Romance Languages, geography, history, mathematics, and school librarianship.

Option 2. Between 15 and 21 credit hours in each of two subject fields.

Option 3. A minimum of 36 credit hours in the composite field of social studies or the composite field of science. A program in social studies must include work in at least three of the following fields: anthropology, economics, geography, history, political science, psychology, and sociology. A program in science must include work in at

least three of the following fields: biology, chemistry, geology, mathematics, and physics.

In each of the options listed above, at least 6 credit hours of work must be taken in 500-level courses. The remaining courses may include, with some restrictions, both the 400 (G) and 400 (g) series. The student's program must be planned to provide well-rounded knowledge, and must not be made up of scattered, unrelated courses.

For the first two options, 18 credit hours in each of the subject fields involved must be presented as an undergraduate prerequisite. For option 3, the prerequisite is 12 credit hours in each of the specific fields involved.

(b) Between 9 and 15 credit 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.

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 graduate credit hours.

Inquiries about programs under option 1, above, should be directed to the chairman of the appropriate department. General inquiries about programs under the other options should be directed to the Committee on Interdisciplinary Studies, Graduate School.

Administrative Certificates

By act of the Oregon Legislature, all persons employed in the Oregon public schools in administrative positions must hold an Oregon administrative certificate. The University of Oregon and Portland State University currently offer the only approved programs for the preparation of elementary and secondary-school principals, and the University of Oregon offers the only approved program for the preparation of school superintendents in Oregon. These programs, requiring a minimum of 33 credit hours for school principals and 45 credit hours for school superintendents, include upper-division and graduate courses in appropriate combination to meet the approved programs of the department.

Requirements for the Basic Administrative Certificate (Two-Year). A Basic Administrative Certificate valid for a period of not more than two school years will be issued to an applicant: (1) Who verifies completion of a master degree or its equivalent in an institution approved by the Teacher Standards and Practices Commission for Oregon. (2) Who is recommended by an approved institution. The recommendation may be granted by the institution after the candidate has demonstrated competency or verified completion of 9 credit hours of graduate study in (or accepted by) a college or university approved for the preparation of school administrators by the Commission. (3) Who, upon request of the Commission, submits evidence satisfactory to the Commission of good moral character, mental and physical health, and such other evidence as the Commission may deem necessary to establish the applicant's fitness to serve as an administrator.

Requirements for the Standard Administrative Certificate (Five-Year). A Standard Administrative Certificate valid for a period of not more than five school years will be issued to an applicant: (1) Who verifies completion of a master degree or its equivalent in an institution approved by the Commission. (2) Who verifies

three years of successful experience in a supervisory or administrative capacity at the level for which the certificate is sought. One of the three years may be in an administrative internship at the appropriate level. (3) Who is recommended by the approved college or university in which the applicant completed the program of preparation for school administrators as having the qualifications essential to a school administrator.

The Sixth-Year Certificate. The University's sixth-year program in educational administration calls for a total of 60 credit hours of upper-division and graduate study beyond the master degree. Those who complete the 60-credit-hour program earn a Sixth-Year Certificate from the College of Education.

Sixth-Year Certificates may be earned by superintendents, principals, or any other professional-school employee upon completing the 60-credit-hour planned program. This certificate will, in most cases, meet any membership requirements in state or national organizations of principals, superintendents, supervisors, or other educational specialists. The candidate and adviser may always arrange programs to cover special needs and interests. More complete information about programs, requirements, and admission may be obtained from the Center for Educational Policy and Management.

Personnel Service Certificate

Counselors, school psychologists, and supervisors must hold Personnel Service Certificates. This certificate qualifies the holder to serve in the public schools in any personnel service assignment from preprimary through grade 12 for which the appropriate endorsement has been completed. For information on this certificate, consult the Office of Teacher Certification in the College of Education.

Counselor's Program

A Basic or Standard Counselor's Endorsement on a Personnel Service Certificate will be recommended for an applicant who successfully completes the University's program for school counselors and who meets the prerequisites as established by the Teacher Standards and Practices Commission. For information on the prerequisites and referral to the designated faculty adviser for this University program, consult the Office of Teacher Certification in the College of Education.

School Psychologist's Program

A Standard School Psychologist's Endorsement on a Standard Personnel Service Certificate will be recommended for an applicant who successfully completes the University's program for School Psychologists and who meets the prerequisites as established by the Teacher Standards and Practices Commission. For information on the prerequisites and referral to the designated faculty adviser for the University program, consult the Office of Teacher Certification in the College of Education.

Supervisor's Program

A Supervisor's Endorsement on an Oregon Personnel Service Certificate is required of persons whose major

responsibilities (one-half time or more) lie in any one or more of the following: organization and maintenance of professional growth program for certificated personnel; leadership responsibility for planning and development of curriculum; improvement of instructional practices; continuous evaluation of instruction and curriculum; and direction or supervision of special education. A Principal's Certificate may also be used for these assignments instead of a Supervisor's Endorsement.

Basic Supervisor's Endorsement. A Basic Supervisor's Endorsement on a Personnel Service Certificate will be recommended for an otherwise qualified applicant who successfully completes the University's program for supervision training. Candidates for the Supervisor's Endorsement must meet the following prerequisites: (a) basic teaching certificate; (b) a Standard teaching endorsement within the area to be supervised; (c) three years successful experience in a public school classroom, or in the area of specialization in which the Supervisor's endorsement is requested. A candidate who meets the prerequisites in (a), (b), and (c) above and (1) has at least three quarter hours of work in each of the areas of supervision, curriculum, and practicum in supervision (total nine hours) and (2) has developed and placed on file in the College of Education Office of Certification a program planned to meet the Standard endorsement requirements for Supervisors will be eligible for University recommendation for the Basic Supervisor's Endorsement without completing further course work requirements.

Standard Supervisor's Endorsement. A Standard Supervisor's Endorsement on a Personnel Service Certificate will be recommended for an otherwise qualified applicant who successfully completes the University's program. Candidates for the Standard Supervisor's Endorsement must meet the following prerequisites: (a) two years of successful experience in a certificated position on the staff of a public school, and (b) a Standard Teaching Certificate with a standard endorsement in an area to be supervised; a minimum of fifteen quarter hours distributed as follows must be completed:

CI 574 School Supervision AND

Three credits selected from (or equivalent):

EPsy 424 Measurement in Education

CI 507 Techniques of Evaluation

CI 507 Evaluation of Elementary School Programs

EdAd 559 Evaluation of Secondary School Programs AND

Three credits selected from (or equivalent):

CI 507 Clinical Supervision

CI 575 Systematic Procedures of Classroom Observation

CI 507 Analysis of Instruction

EdAd 580 School Personnel Administration AND

Three credits selected from (or equivalent):

CI 507 Interpersonal Communication

Coun 407 Counseling Communication Skills

Soc 431 Group Dynamics

CSPA 430 Group Work Methods

CSPA 431, 432, 433 Communication Analysis in Social Systems

EdAd 507 Change in Educational Organizations AND

At least three credits:

CI 509 Practicum: Clinical Supervision

Student Personnel Services

Under the general direction of the dean of Student Personnel Services, assistance and counseling with students are provided in all aspects of student life at the University: orientation, study skills, academic probation and reinstatement, personal difficulties, career planning and placement, education abroad, and others. Students are encouraged to call on the dean or his staff for assistance in these areas.

Office of Student Services. The Office of Student Services assists students in resolving problems which interfere with academic progress and in utilizing the varied campus resources which enhance learning. The staff serves as ombudsman, helping resolve administrative and academic conflicts. They provide general information about the University and are ready to help with specific concerns, including counseling students with individual problems, providing written recommendations for students, and advising students about scholastic deficiency problems and reinstatement to the University. The office also coordinates orientation programs for new undergraduate students, and provides specialized registration and personal assistance for physically disabled students.

The Office of Student Services is located on the first floor Oregon Hall.

University Counseling Center. The University Counseling Center, staffed by professional counselors, is available to university students, faculty, and staff. Resources, including testing, are provided to assist in making decisions regarding personal and academic concerns, career choices, problems in interpersonal relationships, marriage and premarital counseling. Staff members are also available to consult with faculty members or students on either behavioral or mental health problems.

The Counseling Center is a coordinator for most of the national testing programs, such as CLEP, College Entrance Examinations Boards, Graduate Record Examination, and Law School Admission Test. Application forms and registration materials for these programs are available at the Counseling Center, 150 Susan Campbell Hall.

The Center's regular hours are 8:00 a.m. to 5:00 p.m., Monday through Friday. The Crisis Center, a telephone service supervised by the Counseling Center, operates during the evenings and weekends.

Learning Resources Center. This learning and study skills service, located on the second floor of Condon Hall,

offers a limited program of assistance during summer session. Primary emphasis is placed upon speed reading, a six-week, no-credit course focusing upon improvement in reading rate, retention, recall, and comprehension. Noncredit classes in spelling and vocabulary and limited tutorial assistance are also available during summer session. A fee is charged.

International Student Services. The Director of International Student Services and his staff are prepared to counsel students from abroad who are attending the University, to assist them with their personal problems and with adjustments to the customs and procedures of American higher education. They are prepared to give advice and help in connection with visas, government regulations, scholarships, employment, and general orientation to American life. The staff also provides information and advice for American students planning study abroad, including information and selection procedures for Fulbright grants. The Office of International Student Services is on the first floor of Oregon Hall.

Career Planning and Placement Service. Career planning assistance is available to undergraduates deciding on a major or to persons seeking a second career. Actual placement assistance is available to graduating students and alumni seeking new or better positions.

Students who are currently enrolled or have completed 12 credit hours of class work at the University are eligible to register for placement services. Initial placement services are granted without charge to graduating seniors and graduate students during their last year at the University. Alumni must pay a yearly fee.

The Career Planning and Placement Service serves students in all schools and departments in the University, including those trained in business, education, and other professions, and the liberal arts. The office is located on the second floor of Susan Campbell Hall.

Student Conduct. To deal with student misconduct matters, the University maintains a progressive "peer review" system that encourages self-direction and maturity among students while also protecting the University's educational objectives and the health and safety of individuals within the University community.

A faculty-student committee has primary responsibility for formulating and reviewing student conduct policies and procedures. Cases of alleged misconduct are heard by the Student Court and may be appealed to the University Appeals Board. The entire program is administered by the Coordinator of Student Conduct, whose office is located on the fourth floor of Oregon Hall.

The Code of Student Conduct appears in the *Summer Session Time Schedule of Classes*.

Student Administrative Services

Registration

All students planning to enroll for credit in the 1975 Summer Session must file a *Registration Request* with the Registrar's Office so that registration materials may be prepared. *Registration Request* forms will be found in the back of this catalog.

Personalized registration materials will be prepared from the information supplied on this form. In order to avoid delays in completing the registration process, the *Registration Request* must be filed with the Registrar's Office by May 15 for all eight-week or eleven-week courses. Students registering for courses (usually workshops) scheduled to begin June 16 or after June 23 must file their *Registration Request* at least three weeks prior to the beginning of the course. Filing of a *Registration Request* in no way constitutes admission nor provides registration materials for Fall Term 1975; the notice is for summer session registration purposes only. For information about admission, see pages 8 and 9 of this catalog.

Registration will be held in McArthur Court on Monday, June 23, for all summer courses. The arena registration process permits students to register by student identification number (Social Security number) in periods of time reserved for them. The entire registration process, except for payment of fees, may be completed in McArthur Court in about one hour's time. The schedule below lists the time-blocks reserved for student registration. Detailed registration procedures will appear in the *Summer Session Time Schedule of Classes*; this publication will be available at the end of May.

Registration Schedule, Monday, June 23, 1975

Terminal Digit (last four digits of student's Social Security Number) :	Registration Time :
5000-5699	8:00 a.m.
5700-6399	8:30 a.m.
6400-7099	9:00 a.m.
7100-7699	9:30 a.m.
7700-8299	10:00 a.m.
8300-8899	10:30 a.m.
8900-9499	11:00 a.m.
9500-9999	11:30 a.m.
0000-0499	12:00 noon
0500-0999	12:30 p.m.
1000-1499	1:00 p.m.
1500-1999	1:30 p.m.
2000-2499	2:00 p.m.
2500-2999	2:30 p.m.
3000-3499	3:00 p.m.
3500-3999	3:30 p.m.
4000-4499	4:00 p.m.
4500-4999	4:30 p.m.

Late Registration. For those who do not complete registration for eight-week or eleven-week courses on Monday, June 23, late registration will begin Tuesday, June 24. Students registering after Monday, June 23, may pick up their registration materials at the Office of the Registrar.

Late registration fee penalties will be charged beginning Thursday, June 26. See page 15 for late registration fee schedule.

Students registering in short courses which begin after June 23 may register on the first day of class; late registration fees will not be charged.

Fees

Regular and special fees associated with summer session registration are listed below. Fee schedules are subject to change by the State Board of Higher Education.

Financial Policies. The regular fees charged to students enrolled in the institutions of the Oregon State System of Higher Education include (1) tuition, and (2) health service, incidental, and building fees.

Tuition and other regular fees are paid by all students under the usual conditions of undergraduate or graduate study, and are payable in full at the time of term registration. Special fees are paid under the conditions noted.

Payment of the stipulated fees entitles students enrolled for academic credit to services maintained by the University for the benefit of students. These services include: instruction in University courses; use of the University Library; use of laboratory and course equipment and materials for courses in which the student is registered; medical attention at the Student Health Center; use of gymnasium equipment and laundry service, subscription to the student newspaper, and admission to concerts and lectures sponsored by the University. No reduction in fees is made to students who may not wish to use these services.

General Deposit. All persons who enroll for academic credit (except staff members) must make a general deposit of \$10.00, payable at the time of registration. The general deposit is required for protection of the University against loss of or damage to institutional property such as dormitory and laboratory equipment, military uniforms, Library books, locker keys, and against failure to pay promptly nominal fines and assessments such as Library fines, campus traffic fines, and Health Center charges. If at any time charges against this deposit become excessive, the student may be called upon to re-establish the original amount.

Tuition Fee Schedule

Nonresident fees are waived for the 1975 summer session. Any student holding a baccalaureate degree is considered to be a graduate student whether or not formally enrolled in the Graduate School.

Undergraduate (resident and nonresident)

Full time registration: 12-21 credit hours	\$193.00
Part time registration: 1-2 credit hours	48.00
	3 credit hours	61.00
	4 credit hours	75.00
	5 credit hours	89.00
	6 credit hours	102.00
	7 credit hours	117.00
	8 credit hours	132.00
	9 credit hours	147.00
	10 credit hours	162.00
	11 credit hours	178.00

Graduate

Full time registration: 9-16 credit hours	\$288.00
Part time registration: 1-2 credit hours	78.00
	3 credit hours	106.00
	4 credit hours	135.00
	5 credit hours	165.00
	6 credit hours	194.00
	7 credit hours	226.00
	8 credit hours	257.00

Each additional credit hour over 16 29.00

Graduate fellow (summer appointment, at least .15 FTE), per term 48.00

Fee Refunds. Fee refunds may be made only to a student withdrawing from the University or reducing a course schedule to part-time status for reasons beyond the student's control. Withdrawal or reduction of course load does not automatically result in a refund; a specific written request must be made. The refund schedule has been established by the State Board of Higher Education, and is on file in the University Business Office. All refunds are subject to the following regulations: (1) any claim for refund must be made in writing before the close of the term following the term of withdrawal; (2) refunds in all cases are calculated from the date the student officially withdraws from the University, not from the date when the student ceased attending classes, except in unusual cases when formal withdrawal has been delayed through causes largely beyond the control of the student; (3) no refunds will be made for any amount less than \$1.00; (4) refunds of incidental fees are subject to return of the Certificate of Registration.

General Deposit Refund. The \$10.00 general deposit, less any deductions which may have been made, is refundable not earlier than the sixth week after the close of the term.

Special Fees

The following fees are assessed to University summer session students under the special conditions noted.

Late Registration: \$5.00 plus. Students who register on and after June 26 will be charged a late-registration fee of \$5.00 for the first late day plus \$1.00 for each late day thereafter. The regulation applies to both full-time and part-time students.

Change of Program: \$1.00. This fee may be required for each change in the student's official program.

Exceptions to Procedures: \$1.00-\$25.00. Approved exceptions to procedural deadline are subject to this fee.

Special Examination: \$15.00. This fee is assessed for the privilege of taking an examination for advanced credit, regardless of the number of credit hours involved. The fee applies to each special examination.

Graduate Qualifying Examination: \$1.00 to \$15.00. This fee is assessed to students taking the Graduate Record Examination or other standard tests of ability to do graduate work.

Transcript: \$2.00. The first copy of an official copy of a student's University academic record is \$2.00; each additional copy furnished at the same time is \$1.00. The University reserves the right to withhold transcripts for persons who have not met financial obligations to the institution.

Replacement of I.D. Card: \$4.00.

Replacement of Certificate of Registration: \$1.50.

Reinstatement: \$2.00. The fee is assessed whenever a student is permitted to continue studies after having had registration cancelled for failure to comply with the regulations of the institution.

Returned Check: \$5.00. A penalty is imposed if any institutional charges are met by a check which is returned because of an irregularity for which the person submitting it is responsible. Any accumulated late-registration fees will be assessed also.

Auditor: Regular tuition. Persons who have permission to attend classes without receiving academic credit are subject to the regular full-time or part-time tuition fees. Auditors are not considered to be enrolled students.

Senior Citizens: \$5.00 per credit hour. Persons 65 years of age and older not seeking credit or working toward a degree are authorized to attend classes on a space-available basis. Charges for any special materials are in addition to the credit hour rate. Incidental fee services are not provided. The fee is nonrefundable.

Staff: \$5.00 per credit hour. University employees are permitted to enroll in University classes. Academic staff enroll with the approval of the Payroll Department. Civil service staff enroll with the approval of the Personnel Office. Full-time employees are usually limited to 3 credit hours of work in any term; part-time employees may enroll for a maximum of 10 credit hours. The fee is non-refundable.

Parking Regulations. Students, both full-time and part-time, who use University parking lots, must purchase and display the proper parking permit. Student parking permits are \$4.50 during the summer session. Permits may be purchased at any time from the Office of Campus Security, Straub Hall. Hours are from 8:00 a.m. to 5:00 p.m., Monday through Friday.

Financial Aid. Limited funds for loans and part-time employment through the College Work-Study Program are available for summer session. Students who are enrolled during the preceding academic year are given priority. Application forms for summer session financial aid and required supporting documents will be available after March 15, 1975, and must be filed before April 15, 1975. They may be obtained at the Office of Student Financial Aid, 270 Oregon Hall.

Veterans' Benefits. Information about the G.I. Bill, Oregon State Veterans' Aid, and War Orphans' Educational Assistance is available at the Office of the Registrar. Those who wish to receive benefits for summer attendance should see the veterans' clerk promptly to process the necessary papers and to obtain information about Veterans' Administration rules which affect summer bene-

fits. Veterans registered spring term do not automatically receive benefits for summer session unless they register with the veterans' clerk.

Student Employment. The Student Employment Office, in cooperation with the State of Oregon Employment Division, assists University of Oregon students in finding part-time or temporary work while attending school, and assists spouses or other dependents of students in finding full-time or part-time work. There is no fee charged for this service. The office is located on the second floor of Oregon Hall.

Living Accommodations

University of Oregon students choose their own living arrangements.

Dormitories. The University dormitories will open at 9:00 a.m. on Sunday, June 22. Room assignments will be available from the Housing Office, Carson Hall at Thirteenth Avenue and Emerald Street. Regular summer-session dormitory accommodations do not require reservations, deposits, or advance payment. Both single and double rooms are available; it is usually possible for friends to arrange to room together. Persons wishing to live in a particular dormitory unit should write the Housing Office; every effort will be made to honor the request.

A new dormitory, University Inn, 1000 Patterson Street, will be available this summer. It offers luxurious accommodations at rates about twenty per cent higher than the regular schedule shown below. There will be no food service provided in the building.

Terms and Conditions of Occupancy

Dormitory residents agree to abide by the terms and conditions of occupancy—which explain rights, privileges, responsibilities, and obligations of dormitory residency. These terms are based on consideration for other residents, health and safety standards, and compliance with established laws and the University Student Conduct Code. Failure to comply with the terms and conditions of occupancy may lead to eviction.

Housing is available only to those persons who agree to room and board throughout their length of stay. In the event of withdrawal from the University, or approved withdrawal from the dormitory, unused room and board payments will be refunded up to ten days from the end of the length of stay; there is no refund if space is vacated during the last ten days of a length of stay. Students leaving the University during their designated length of stay will be released from contract.

Dormitory Facilities

Dormitories furnish the following items: (1) beginning with breakfast on Monday, June 23, service of twenty meals each seven-day week, none on Sunday evenings; (2) bed linens, one pillow, one blanket, weekly laundry service; (3) draperies, desk, lamp, study chair, mirror, wastebasket, water glass; (4) recreation equipment, including color television sets, table tennis, vending machines, basketball and tennis courts; (5) coin-operated washers, free dryers, ironing boards; (6) locked storage space for luggage; (7) refrigerators to rent; (8) tele-

phones on each floor for campus calls only, coin-operated telephones in lobbies for local and long-distance calls; (9) arrangements for private telephone service; application cards are available from the room-assignment desk.

Housing for married students is reported on page 17.

Food Service

Dormitory residents may choose a seven-day board or a five-day board; the five-day week includes Monday breakfast through Friday lunch; five-day boarders may purchase weekend meals on a per-meal basis.

Mailing Address

Mailing address for summer dormitory residents includes the notation "Summer Session Housing." "Hold for Arrival" may also be noted on the address when applicable.

Dormitory Fee Schedule

The summer session rates for the University dormitories appear below. Dormitory residents must contract for both room and board. The last meal of each contract period is Friday lunch for both five-day and seven-day board. A local room tax of five per cent is assessed for a stay of less than thirty days.

Room Rates (Subject to change)

Length of Session	Double Occupancy	Single Occupancy
Eleven Weeks	\$125.00	\$188.00
Ten Weeks	118.00	170.00
Nine Weeks	110.00	161.00
Eight Weeks	102.00	152.00
Seven Weeks	94.00	139.00
Six Weeks	86.00	126.00
Five Weeks	78.00	113.00
Four Weeks	70.00	99.00
Three Weeks	54.00	76.00
Two Weeks	38.00	53.00
One Week	20.00	28.00
Daily	6.00	8.00

Board Rates (Subject to change)

Length of Session	Five-day Week	Seven-day Week
Eleven Weeks	\$216.00	\$238.00
Ten Weeks	198.00	218.00
Nine Weeks	180.00	198.00
Eight Weeks	162.00	178.00
Seven Weeks	143.00	158.00
Six Weeks	124.00	137.00
Five Weeks	105.00	116.00
Four Weeks	86.00	95.00
Three Weeks	66.00	72.00
Two Weeks	45.00	48.00
One Week	23.00	—
Daily	5.75	—
Breakfast	1.25	
Lunch	1.75	
Dinner	2.75	

Total Daily Room and Board for a single room is \$13.75; for a double room, \$11.75.

Charges for room and board are payable in advance at the opening of the summer session. Students attending eight-week or eleven-week sessions, may, however, elect to pay in two equal installments; the first is due June 23, payable not later than July 2, the second is due July 21, payable not later than July 30. A penalty charge of \$1.00 per day up to a maximum of \$5.00 is made if the payments are not prompt. Dormitory residents enrolled for short courses pay total charges upon arrival.

Charges for room and board are payable at the University Cashier's Office, Administrative Services Building; business hours are 9:00 a.m. to 4:00 p.m., including the noon hour, Monday through Friday.

NOTE: When the actual expense of operating housing exceeds the budget by 3 per cent or more, the Oregon State Board of Higher Education may exercise its right to increase rates.

Housing for Married Students. The University operates housing units for married students, some of which are available for the summer session. Married students

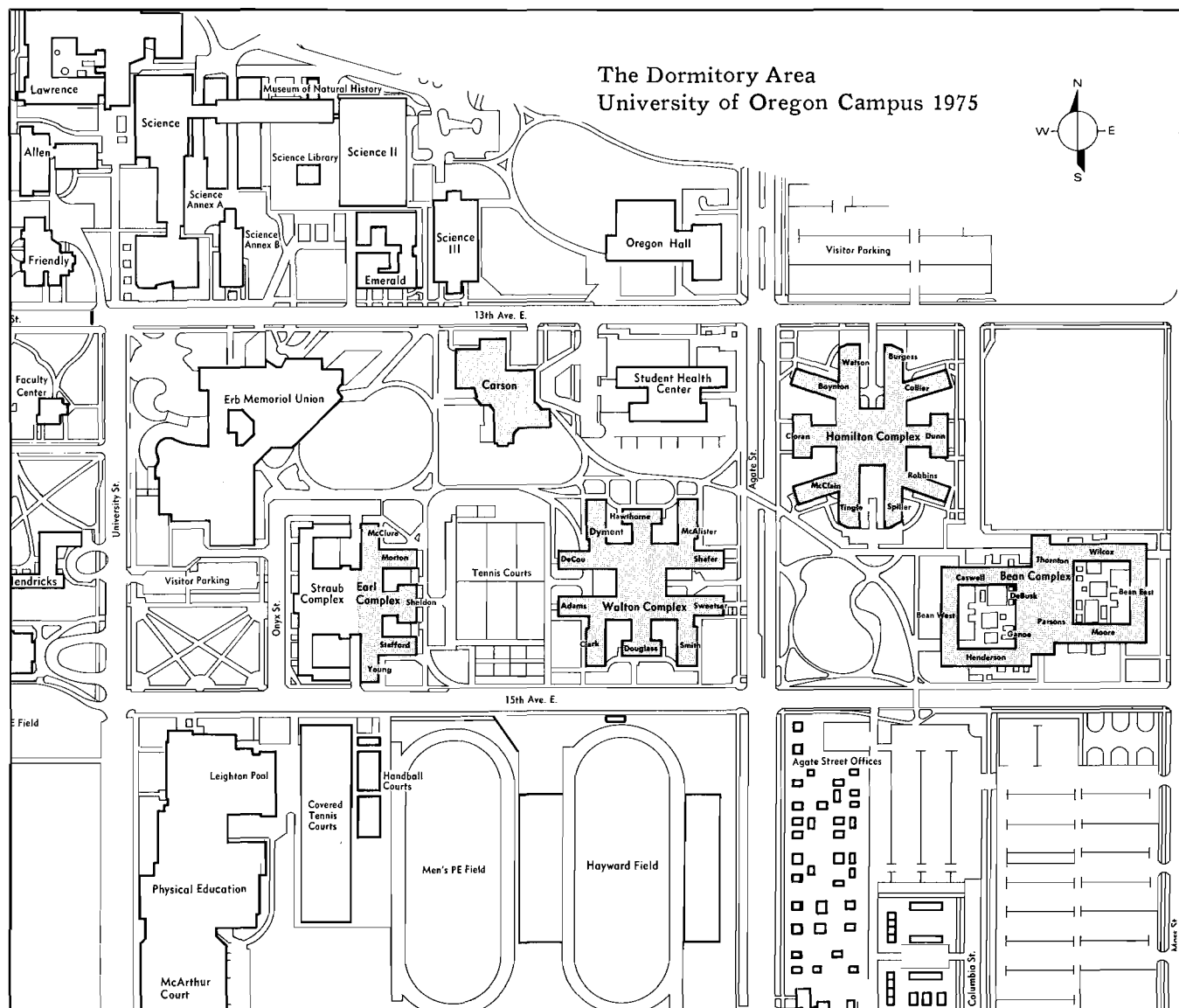
interested in these quarters should write as soon as possible to the Director of Housing, Carson Hall.

Dormitory facilities are available for married couples without children at the regular double-room and board rate for each person. Married couples, to be certain of accommodation, must make advance reservations with the Director of Housing.

Summer Workshops and Conferences. Organizers and sponsors of summer session workshops or conferences may consult the Conference Coordinator, Housing Office, Carson Hall, to arrange for housing and food service for those in attendance. Limited dormitory facilities are available for housing conference groups together.

Off-Campus Housing. Because of budgetary limitations, the University does not maintain a list of off-campus rentals. The local newspapers may be consulted for available community rentals.

Students may also consult the ASUO Off-Campus Housing Office, a student government program that provides rental referral and listings, and distributes information and advice on landlord-tenant law and lease contracts. The office is located in the EMU.





Courses of Instruction

Course Numbering System

100-299 Lower-division courses; freshman-sophomore level.

300-499 Upper-division courses; junior-senior level.

500-599 Graduate courses; all courses numbered in the 500s carry graduate credit, as do those in the 400s which have been approved by the Graduate Council. Approved courses in the 400s are designated in this catalog by (G) or (g) following the course title.

Courses designated (G) may form a part of either a major or a minor; courses designated (g) may be taken toward a minor or as graduate service courses, or, in certain circumstances, as part of an interdisciplinary master program.

Undergraduate enrollment in 400 courses designated (G) is generally restricted to seniors; undergraduate enrollment in 400 courses designated (g) is generally restricted to juniors and seniors.

Courses numbered in the 500s and designated (p) represent instruction offered at a level of intellectual maturity suitable for graduate students who have earned a bachelor degree in a field other than their professional field. Such courses carry credit toward a master degree, but this credit may not be counted toward the minimum requirement of 30 credit hours in the major.

Selected courses from the 400-410, 500-510 series which may be enrolled in for variable time periods have been assigned multiple *Term Line Numbers (TLN)* by the Office of the Registrar to indicate the intended date of completion (weeks 0-8 and 0-11). Grades are to be reported on the basis of the final week indicated, i.e., either week 8 or week 11.

The faculty listing includes only those known at the time of printing. If others are appointed, their names will appear in the *Summer Session Time Schedule of Classes*.

All classes meet on weekdays, unless evenings or weekends are specially noted.

Weekend Institutes

As an experiment, several weekend institutes are being offered in which topics of concern to business and professional people as well as to students and faculties and administrators of schools will be studied. These institutes will enable persons who are employed full-time to enroll in resident-credit programs designed to increase competencies and to expand their intellectual horizons.

In general, the institutes are scheduled every other weekend to provide time between sessions for students to complete class assignments. A student may earn 3 credits, preferably ungraded, in an institute meeting three weekends; or 2 credits in an institute meeting two weekends. During each weekend, an institute will usually be in session for 11 hours: 8:00-10:00 p.m., Fridays; 9:00-12:00, 1:00-4:00, Saturdays, and three hours to be arranged on Sundays.

The structure of institutes is flexible. Although professors will provide an outline of the work to be completed, a bibliography, and suggested assignments, these guides may be subject to change in line with interests of members of the institutes.

The following topics are scheduled for the 1975 weekend institutes. Course descriptions appear under the appropriate departments in the pages that follow.

Biology

Bi 407. Science and Religion. 2 credit hours.

Weekends of August 22-23 and August 29-30. Meets 7:00-10:00 Friday evenings; 8:00-12:00 and 1:00-5:00 Saturdays. Scheer.

Bi 407. Topics in Biology of Reproduction. 2 credit hours.

Weekends of July 11-12 and July 18-19. Meets 6:30-10:20 Friday evenings; 8:30-12:00 and 1:00-4:20 Saturdays. Soderwall.

Community Service & Public Affairs

CSPA 408. Social Services for Youth: A Functional Overview with Specific Strategies for Linking Needs and Resources. (G) 3 credit hours.

Weekends of June 27-28, July 11-12, July 25-26 and August 8-9.
Meets 8:00-5:00 Fridays and Saturdays. Viegas.

CSPA 408. Life Alternatives for Mature Men. (G) 1 credit hour.
Weekend of July 12-13. Meets 9:30-4:20 Saturday and Sunday.

CSPA 408. Volunteer Program Coordination. (G) 1 credit hour.
Weekend of August 8-9. Meets 8:30-5:20 Friday and Saturday.
Miller.

Educational Psychology

EPsy 508. Evaluation of Teachers and Teacher Performance. 1 credit hour.

Weekend of July 11-12. Meets 7:00-10:00 Friday evening and 8:00-5:00 Saturday. Dizney/Gaite.

Physical Education

PE 408. Nondiscrimination in Educational Activities. (G) 2-3 credit hours.

July 11, 12, 18. Meeting times to be announced.

For further information about the institutes being offered and how to register, write Summer Session, University of Oregon, Eugene, Oregon 97403.

Vacation College

The 1975 Vacation College, in its twelfth annual session, will be held from August 17 to August 24. Designed for adults, Vacation College has no entrance requirements and no examinations. It offers no college credit. Class sessions and many of the recreational activities are held in the building in which participants live.

Each year the general theme of Vacation College is "Understanding Contemporary America." In 1975, Group I, led by Lawrence Ross, Jr., lawyer and business-law specialist, will study "Crime and Justice." Group II, led by Margaret Simeral, economist, will study "Conflicts in the American Economy."

In addition to the group leaders, faculty and lay consultants will lecture on their specialties and join Vacation College enrollees for lunch and dinner conversations. The specialists for 1975 are Robert Campbell, economist; Irvin Fletcher, labor leader; Patrick Fraleigh, psychologist; Richard Gale, sociologist; Paul Goldman, sociologist; Miriam Johnson, sociologist; Carolin Keutzer, psychologist; Edward Leavy, judge; Fred Merrill, lawyer; Kenneth Polk, sociologist; Robert Smith, economist; Donald Kilson, lawyer; and George Zaninovich, political scientist.

Classes are in session from 9:00 a.m. until 12:15 p.m. Later each day, Swedish Slim and Trim classes are taught by Gerta Ross, and Yoga relaxation groups are led by Leigh Engstrom. Recreation director Bill Jones conducts afternoon tours, but afternoons are free for those who prefer to seek their own diversions. Special cultural and recreational programs are provided for entertainment every evening.

A fee of \$178 covers all expenses, including board and room, tuition, and theater tickets, golf and bowling fees, and the like. Persons who do not take rooms nor breakfast in the College, pay \$125; those sharing a room pay \$165. Sons and daughters of high-school age may register and participate for the same fees.

For further information, write Grace Graham, director, Vacation College, 64 Prince Lucien Campbell, University of Oregon, Eugene, Oregon 97403.

Honors College

Director, Edward Diller, D.M.L., Professor.

A program of independent study in the Honors College provides an unusual opportunity for a small number of highly qualified students to pursue an academic program entirely of their own design. Inquiries for more detailed information should be made at the Honors College office. Offered only for students accepted in the program, who may enroll under the following course number:

HC 402. Independent Study. 1-17 credit hours.

Interdisciplinary Studies

In addition to specialized graduate work in the traditional fields of learning, the University provides opportunities for integrated interdisciplinary studies leading to an M.A. or M.S. degree. Included are programs planned according to the individual student's interests, and established programs of studies organized and administered through interdepartmental faculty committees.

Graduate students pursuing a program of interdisciplinary studies during the summer session may supplement courses offered by the several departments and schools with individualized studies, for which they may enroll under the following course numbers:

ISSt 501. Research.

Credit hours to be arranged. No-grade course.

ISSt 503. Thesis.

Credit hours to be arranged. No-grade course.

ISSt 505. Reading and Conference.

Credit hours to be arranged. No-grade course.

ISSt 507. Seminar.

Credit hours to be arranged. No-grade course.

Direct inquiries to the Committee on Interdisciplinary Studies, University of Oregon Graduate School.

Special Programs

Women's Studies

Chairwoman, Patricia B. Pond, M.A., Associate Professor (librarianship, education).

Olga Broumas, M.F.A., Visiting Instructor (women's studies).

Eight-week session (June 24-August 15)

WS 199. Special Studies. 1-3 credit hours.

Topics to be arranged.

Additional courses

WS 101. Introduction to Women's Studies. 3 credit hours.

June 24-July 18. An interdisciplinary investigation of the status and contribution of women, and the expanding options open to them. The course provides a basic framework for understanding the women's movement, historically and today, and attempts to connect the public issues it raises with the personal experience of women. Required course for Women's Studies Certificate. Includes one-hour discussion group sessions during each class meeting. O. Broumas. Meets 7:00-10:30 M, W evenings.

College of Liberal Arts

Acting Dean, Robert C. Albrecht, Ph.D.
Associate Deans, Stoddard Malarkey, Ph.D.; Charles R. B. Wright, Ph.D.
Director of Academic Advising, Beverly Fagot, Ph.D.

The College of Liberal Arts includes the traditional disciplines in the humanities, sciences, and social sciences. Courses range from general introductions to various fields, to such specialized courses as Theoretical Nuclear Physics or Sociolinguistics. Many departments offer courses in the Summer Session designed for teachers and college faculty members. Although specific courses and programs may be vocational, the purpose of the College is to prepare its students to perform intellectual and imaginative operations. To study, to analyze, to create are three of the functions of mind supported and nurtured by the disciplines of the College. To foster these habits of mind in their students is the primary dedication of the faculty members of the College. Some offerings are designed especially for the Summer Session, but the courses satisfy the degree requirements and are given by the faculty in the same spirit as those in other terms.

Anthropology

Department Head, Don E. Dumond, Ph.D., Professor (New World archaeology).
C. Melvin Aikens, Ph.D., Associate Professor (New World archaeology).
Richard P. Chaney, Ph.D., Associate Professor (cross-cultural studies, social anthropology).
Charles J. Hoff, Ph.D., Assistant Professor (physical anthropology).
Geraldine Moreno-Black, Ph.D., Visiting Assistant Professor (physical anthropology).
Ann G. Simonds, Ph.D., Assistant Professor (physical anthropology).
Paul E. Simonds, Ph.D., Associate Professor (physical anthropology, primate behavior).
Philip D. Young, Ph.D., Associate Professor (Latin America, social anthropology).

Eleven-week session (June 24-September 5) courses offered in sequence, first term June 24-July 18; second term July 21-August 15; third term August 18-September 5.

Anth 101. Introduction to Physical Anthropology. 3 credit hours.
 June 24-July 18. Man as a living organism; biological evolution; fossil man. Moreno-Black. Meets 8:30-10:20 M, Tu, W, Th.

Anth 102. Introduction to Prehistory. 3 credit hours.
 July 21-August 15. Archaeological evidence for the evolution of human culture. Carter. Meets 8:30-10:20 M, Tu, W, Th.

Anth 103. Introduction to Cultural Anthropology. 3 credit hours.
 August 18-September 5. Organization and functioning of society and culture. Staff. Meets 8:30-10:20 M, Tu, W, Th.

Eight-week session (June 24-August 15)

Anth 408. Field Work in Anthropology (Archaeology). (G) 6-12 credit hours.

Introduction to archaeological field techniques through excavation of local sites; lectures and laboratory techniques. Daily travel to sites outside Eugene. Consent of C. M. Aikens required. An extra fee of \$25.00, payable to the Department of Anthropology, covers transportation. Circular and application material available from department. Applications should be accompanied by a non-refundable deposit of \$25.00 (the transportation fee) and should be submitted by April 1, 1975. Staff. Meets 8:30-5:20 M-F.

Anth 501. Research.
 Credit hours to be arranged.

Anth 503. Thesis.
 Credit hours to be arranged.

Anth 505. Reading and Conference.
 Credit hours to be arranged.

Additional courses

Anth 207. Introduction to Human Ethology. 3 credit hours.
 June 24-July 18. The study of human behavior from the basis of animal ethology. Material is drawn primarily from primate behavior, cultural anthropology, and recent work on human behavioral biology. P. Simonds. Meets 2:30-4:20 M, Tu, W, Th.

Anth 322. Biology of Living Human Populations. 3 credit hours.

August 18-September 5. Genetic and biological structure of human populations; population dynamics and causes of diversity; analysis of genetically differentiated human populations and their geographic distribution. Prerequisite: 9 credit hours in anthropology, or consent of instructor. Hoff. Meets 10:30-12:20 M, Tu, W, Th.

Anth 407. Seminar. Culture and Personality. (G) 3 credit hours.

July 21-August 15. Interrelationship of group and individual conceptual frameworks in the study of human behavior. Prerequisite: 9 credit hours in social science, or consent of instructor. Chaney. Meets 2:30-4:20 M, Tu, W, Th.

Anth 417. The American Indian: North America. (G) 3 credit hours.

July 21-August 15. Indian and Eskimo life in America before White contact; contemporary life. Prerequisite: 9 hours in anthropology, or consent of instructor. A. Simonds. Meets 10:30-12:20 M, Tu, W, Th.

Anth 418. The American Indian: Mexico and Central America. (G) 3 credit hours.

June 24-July 18. Contact period and contemporary ethnography of native peoples; demography, socio-economic organization, and culture change. Prerequisite: 9 credit hours in anthropology, or consent of instructor. Young. Meets 10:30-12:20 M, Tu, W, Th.

Biology

Department Head, Sanford S. Tepfer, Ph.D., Professor (plant meristems; organ culture).

William N. Copeland, M.S., Visiting Instructor (higher plant ecology; plant taxonomy; soil development).

Michael I. Cousens, Ph.D., Visiting Assistant Professor (fern ecology and genetics).

Gregory L. Fowler, Ph.D., Visiting Assistant Professor (genetics and cytology of meiosis and developmental regulation of spermatogenesis in *Drosophila*).

Gordon J. Murphy, M.S., Senior Instructor (natural history; teacher education).

Joyce Owen, Ph.D., Visiting Assistant Professor (mechanism of frameshift mutation; mutational hot-spots).

Bradley T. Scheer, Ph.D., Professor (hormonal control of moulting and metabolism in crustaceans; ionic regulation; membrane transport).

James M. Sidie, Ph.D., Visiting Assistant Professor (physiological basis of behavior, social behavior).

Arnold L. Soderwall, Ph.D., Professor (aging and reproduction of mammals).

J. Daniel Udovic, Ph.D., Assistant Professor (population biology; mathematical ecology).

Herbert P. Wisner, M.A., Senior Instructor (general natural history; in particular, distribution and breeding biology of birds of Oregon).

Eleven-week session (June 24-September 5)

Bi 401. Research.

Credit hours to be arranged. No-grade course.

Bi 403. Thesis.

Credit hours to be arranged. No-grade course.

Bi 405. Reading and Conference.

Credit hours to be arranged. No-grade course.

Bi 407. Seminar. (G)

Credit hours to be arranged. No-grade course.

Bi 408. Laboratory Projects. (G)

Bi 501. Research.

Credit hours to be arranged. No-grade course.

Bi 503. Thesis.

Credit hours to be arranged. No-grade course.

Bi 505. Reading and Conference.

Credit hours to be arranged. No-grade course.

Bi 507. Seminar.

Credit hours to be arranged. No-grade course.

Eight-week session (June 24-August 15)

Bi 101. Behavioral Biology. 3 credit hours.

An introduction to animal behavior which includes the neural bases of behavior. Topics covered include: animal communication, learning, social behavior, evolution of behavior, and development of behavior in the individual. (This course does not meet requirements for the major in biology.) Sidie. Meets 10:30-12:20 Tu, Th.

Bi 199. Special Studies. 1-3 credit hours.

Bi 199. Special Studies in Field Ecology. 2 credit hours.

Collection and analysis of information from natural systems relating to current ecological theories concerning populations, communities, and ecosystems. Course will involve several all-day field trips on weekends. A fee of \$10 will be collected at the time of registration to cover transportation. Prerequisite: Concurrent enrollment or previous credit for Bi 272. Consent of instructor is required. Udovic. Meets 10:30-3:20 F.

Bi 222. Genetics and Man. 3 credit hours.

Basic concepts of genetics, especially as they relate to man, and a discussion of related topics such as blood group immunology, medicolegal problems, transplantation and the immune reaction, prenatal effects, genetic effects of radiation and drugs, and moral

and ethical implications of genetic findings. Biology majors interested in this subject or students who have completed a genetics course or any of the courses Bi 101 through Bi 107 should consult the instructor. Fowler. Meets 9:30 M, Tu, W, Th.

Bi 232. The Biology of Common and Useful Plants. 4 credit hours.

Survey of the origin, culture, and biology of the major groups of plants of importance to man, and a discussion of basic requirements for plant growth, principles of plant breeding and genetics, plant morphology, plant viruses, fungal diseases, herbicides and pesticides, weeds, alkaloids and drugs, soils and systems of agriculture, organic gardening, conservation of natural plant communities. This course is intended for students majoring in areas other than biology, and is not recommended for biology majors. One weekend field trip will be scheduled (dates to be arranged). A \$10 fee will be charged to cover field trip costs. Copeland. Meets 11:30-1:00 M, W, F, plus one three-hour laboratory or field trip 1:30-5:20 M or W each week.

Bi 272. Introduction to Ecology. 3 credit hours.

The interactions of organisms with the environment; the capture and transfer of energy; the cycling of nutrient materials; species interrelations; ecological succession. Designed for students majoring in areas other than biology; not recommended for biology majors. Students desiring additional experience in actual field studies should enroll concurrently for 2 hours of credit under Bi 199, Special Studies in Field Ecology. Udovic. Meets 8:30 Tu, W, Th, F.

Bi 321. Human Physiology. 3 credit hours.

An elementary presentation of mammalian physiology, with emphasis on the following organ systems and functions: nerve, muscle, circulation, kidney, respiration and metabolism, sense organs, central nervous system, and endocrine glands. Required for majors in physical education, elective for others qualified. Prerequisites: one year of college biology and one year of general chemistry, or consent of instructor. This course is not normally taken by premedical students or biology majors. Scheer. Meets 10:30 M, W, Th, with laboratory 1:30-5:20 Th.

Bi 376. Natural History of Oregon. 4 credit hours.

Plants and animals of Oregon: their identification and study of factors relating to their occurrence, distribution, and abundance. Of particular value to prospective teachers planning to teach in Oregon. Four all-day field trips will be scheduled on weekends (dates to be arranged). Transportation charges in addition to registration fees are \$10. Prerequisite: one year of college biology, or consent of instructor. Murphy. Meets 10:30-12:00 M, W, F for lecture, and 9:30 F for discussion.

Bi 401. Research.

Credit hours to be arranged. No-grade course.

Bi 403. Thesis.

Credit hours to be arranged. No-grade course.

Bi 405. Reading and Conference.

Credit hours to be arranged. No-grade course.

Bi 407. Seminar. (G)

Credit hours to be arranged. No-grade course.

Bi 408. Laboratory Projects. (G)

Credit hours to be arranged. Special laboratory training in research methods.

Bi 439. Field Botany. (G) 4 credit hours.

Field study and identification of the flora of Northwest Oregon. Vascular plants will be emphasized, but algae, fungi, and mosses will be considered as they are met in the field. Recognition of diverse plant communities; utilization of materials for laboratory teaching. All-day field trips to the Cascades and to the Coast, local trips. Fee for transportation costs. Prerequisite: one year of biology, or consent of instructor. Cousens. Meets 11:30 Tu, Th, with laboratory 1:30-5:20 Tu, Th.

Bi 459. Field Ornithology. (G) 4 credit hours.

Natural history and identification of birds involving field work and supporting laboratory activities. Study will include aspects of structural adaptation, behavior, distribution, migration, and ecology. Consideration of the relationship of human activities to breeding success of birds; birds as possible indicators of environmental

conditions. Of special value to teachers. Consent of instructor is required. All-day field trips on four weekends (dates to be arranged); possible fee to cover transportation costs. Wisner. Meets 6:00-9:20 Tu, Th (early morning), and 7:00 Tu evenings for discussion.

Bi 485. Microbial Ecology. (G) 3 credit hours.

The role of microorganisms in recycling. The processes of nitrogen fixation, ammonia and methane production, accumulation of trace materials, and conversion of solar energy to chemical energy in various forms will be considered. The relationship of these processes to food production, nutrition, solid waste disposal, sewage treatment, and pollution will be considered. Prerequisite: one year of general chemistry and one year of college biology. Owen. Meets 9:30 M, Tu, W, Th.

Bi 486. Microbial Ecology Laboratory. (G) 2 credit hours.

Isolation, culture, and identification of selected microorganisms. Some field trips are planned to nearby sites; possible fee to cover transportation costs. Consent of instructor is required. Owen. Meets 12:30-4:20 M, W.

Bi 501. Research.

Credit hours to be arranged. No-grade course.

Bi 502. Supervised College Teaching.

Credit hours to be arranged. No-grade course.

Bi 503. Thesis.

Credit hours to be arranged. No-grade course.

Bi 505. Reading and Conference.

Credit hours to be arranged. No-grade course.

Bi 507. Seminar.

Credit hours to be arranged. No-grade course.

Additional courses

Bi 407. Science and Religion. 2 credit hours.

Weekends of August 22-23 and August 29-30. A short course to include comparative analysis and discussion of the metaphysical bases, sources, methods, principles, and conclusions of natural science and theology, with special attention to the possibility of resolution of apparent conflicts. Scheer. Meets 7:00-10:00 F (evening) and 8:00-12:00; 1:00-5:00 S.

Bi 407. Topics in Biology of Reproduction. 2 credit hours.

Weekends of July 11-12 and July 18-19. A short course dealing with the basic concepts of germ cell production, the role of hormones in the reproductive processes, growth, maturation and manifestation of reproductive behavior. Current lines of investigation will be presented and discussed. A number of pertinent films will be shown describing some of the findings as they relate to reproductive processes, population "explosion" considerations and, in particular, some biological and endocrine control measures. Laboratory and demonstration exercises will be included. Soderwall. Meets 6:30-10:20 F (evening) and 8:30-12:00; 1:00-4:20 S.

Bi 525. Principles of Microscopic Techniques. 3 credit hours.

June 24-July 18. Theory and practice of techniques of electron microscopy, including fixation, embedding, microscope operation, negative and positive staining, metal shadowing, and freeze-etching. Enrollment limited to ten students. Consent of instructor is required. Schabtach. Meets 8:30-12:00 M-F; laboratory to be arranged second through fourth weeks.

Oregon Institute of Marine Biology

Paul P. Rudy, Ph.D., Director of Oregon Institute of Marine Biology, Associate Professor of Biology (coastal biology).

Robert C. Terwilliger, Ph.D., Assistant Director of Oregon Institute of Marine Biology, Associate Professor of Biology (comparative physiology).

John S. Barclay, Ph.D., Assistant Professor of Zoology, Oklahoma State University (marine birds and mammals). Visiting Assistant Professor of Biology.

K. Charles Hunter, Ph.D., Visiting Assistant Professor of Biology, Southwestern College, Winfield, Kansas (invertebrate zoology).

Eight-week session (June 24-August 15)

The following courses will be offered at the Oregon Institute of Marine Biology, Charleston, Oregon. A detailed description of these courses is published in a special announcement, available upon request to the Director, Oregon Institute of Marine Biology, Charleston, Oregon, 97420. An application, available with the announcement, must be submitted as soon as possible in order to enroll at this institute.

Bi 401, 501. Research.

Credit hours to be arranged. No-grade course.

Bi 403, 503. Thesis.

Credit hours to be arranged. No-grade course.

Bi 405, 505. Reading and Conference.

Credit hours to be arranged. No-grade course.

Bi 407. Seminar.

Topics in Marine Biology. 2 credit hours.

Coastal Biology. 4 credit hours.

A field and seminar course designated to demonstrate basic biological principles through a comparative study of coastal environments. The open ocean, rocky intertidal, sand beach, and estuarine environments will serve as basis for this comparative course. Prerequisite: one year college biology. Class limited to ten students. Rudy. Meets 8:00-4:50 Tu, Th, plus other times to be arranged. No-grade course.

Bi 408. Laboratory Projects.

Credit hours to be arranged.

Bi 413. Comparative Physiology. (G) 8 credit hours.

Lectures and laboratory experiments with emphasis on digestion, respiration, osmoregulation, excretion, and muscle physiology of major animal groups. Prerequisites: Cell or general physiology, organic chemistry, college zoology or consent of the instructor. Class will be limited to 12. Terwilliger. Lectures and laboratory meet 8:00-4:50 M, W, F, plus other times to be arranged.

Bi 458. Marine Birds and Mammals. (G) 4 credit hours.

An introduction to some general principles of ecology, ethology, and systematics as demonstrated through study of birds and mammals of the Oregon coast. First-hand observation and identification of animals in the field. Study of comparative faunas from the open sea to the inland dry communities. Students are advised to register also for an additional two to four credits of Bi 408 Laboratory Projects for study of related topic. Prerequisites: An introductory biology course and good boots. Barclay. Meets 8:00-4:50 Tu, Th, plus other times to be arranged.

Bi 461. Invertebrate Zoology. (G) 8 credit hours.

Survey of representative invertebrate groups, with emphasis on marine forms, morphology, systematics, life history, and ecology. Hunter. Meets 8:00-4:50 M, W, F, plus other times to be arranged.

Bi 478. Marine Ecology. (G) 8 credit hours.

An examination of the characteristics of marine and estuarine habitats and organisms, with emphasis on primary and secondary productivity and on community structure and dynamics. Field emphasis will be on local intertidal and shallow-water communities; an independent field research project is required. Prerequisites: Invertebrate Zoology and/or Algae; College Algebra; Statistics, Calculus desirable. Instructor to be announced. Limited to 24 students. Meets 8:00-4:50 M, W, F, plus other times to be arranged.

Bi 502. Supervised College Teaching.

Credit hours to be arranged. No-grade course.

Bi 507. Seminar.

Credits and topics to be arranged. The following seminar is scheduled.

Topics in Marine Biology. 2 credit hours.

Bi 551. Biology of Fishes. 8 credit hours.

Anatomy, development, and systematics of fishes found in the Coos Bay region. Instructor to be announced. Meets 8:00-4:50 M, W, F, plus other times to be arranged.

Chemistry

Department Head, William T. Simpson, Ph.D., Professor (physical chemistry).

Donald F. Swinehart, Ph.D., Professor (physical chemistry).

Eleven-week session (June 24-September 5) courses offered in sequence, first term June 24-July 30; second term July 31-September 5.

Ch 331, 332. Organic Chemistry. 3 credit hours each term.

Two-term sequence. Study of the compounds of carbon, their structure, reactions, and applications. Designed primarily for pre-medical students. Prerequisite: Ch 106 or Ch 206 with a grade of C or better. Meets 10:30 M-F.

Ch 337, 338. Introductory Organic Laboratory. 2 credit hours each term.

Two-term sequence. The principles and techniques of laboratory practice in organic chemistry. Prerequisite: Ch 109 or Ch 209 with a grade of C or better. Meets 1:30 M, W and 2:30-5:20 M, W or Tu, Th.

Ch 401, 501. Research.

Credit hours to be arranged.

Ch 403, 503. Thesis.

Credit hours to be arranged.

Ch 405, 505. Reading and Conference.

Credit hours to be arranged.

Ch 409. Special Laboratory Problems. (G)

Credit hours to be arranged. Students wanting laboratory instruction not classifiable as research or thesis may enroll under this number.

Eight-week session (June 24-August 15)

Ch 324. Quantitative Analysis. 5 credit hours.

Laboratory work devoted mainly to volumetric analysis. Satisfies the requirements in quantitative analysis for admission to medical or dental schools. Swinehart. Meets 9:30 M, Tu, W, Th, plus laboratory 1:30-4:20 M, Tu, Th.

Ch 401. Research.

Credit hours to be arranged.

Ch 403. Thesis.

Credit hours to be arranged.

Ch 405. Reading and Conference.

Credit hours to be arranged.

Ch 409. Special Laboratory Problems. (G)

Credit hours to be arranged. Students wanting laboratory instruction not classifiable as research or thesis may enroll under this number.

Ch 429. Survey of Analytical Chemistry. (g) 5 credit 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 majoring in chemistry. Swinehart. Meets 9:30 M, Tu, W, Th, plus laboratory 1:30-4:20 M, Tu, Th.

Ch 501. Research.

Credit hours to be arranged.

Ch 503. Thesis.

Credit hours to be arranged.

Ch 505. Reading and Conference.

Credit hours to be arranged.

Chinese and Japanese Languages

Department Head, Angela Jung Palandri, Ph.D., Professor of Chinese (Chinese poetry).

Dell R. Hales, Ph.D., Visiting Assistant Professor of Chinese (Chinese fiction).

Liang-huei Fan, M.A., Graduate Teaching Fellow in Chinese (Chinese language).

Eleven-week session (June 24-September 5) courses offered in sequence, first term June 24-July 18; second term July 21-August 15; third term August 18-September 5.

Chn 101, 102, 103. Second-Year Chinese. 5 credit hours each term.

The eleven-week course develops skills in grammar and basic sentence patterns as well as increasing the speed of reading and writing Chinese characters. Meets 8:30-11:20 M-F each term.

First term. Second-Year Chinese. Hales.

Second term. Second-Year Chinese. Hales.

Third term. Second-Year Chinese. Fan.

Chn 405. Reading and Conference.

Credit hours to be arranged.

Classics (Latin and Greek)

Department Head, Angela Jung Palandri, Ph.D., Professor of Chinese (Chinese poetry).

Teresa C. Carp, Ph.D., Visiting Assistant Professor of Classics (Greek and Latin literature, Roman history).

Susan N. Cohen, B.A., Graduate Teaching Fellow in Classics (Latin and Greek literature).

C. Bennett Pascal, Ph.D., Associate Professor of Classics (Latin and Greek literature, Roman religion).

Latin

Eleven-week session (June 24-September 5) courses offered in sequence, first term June 24-July 18; second term July 21-August 15; third term August 18-September 5.

Lat 50, 51, 52. First-Year Latin. 4 credit hours first two terms; 3 credit hours third term. Meets 8:30-10:20 M, Tu, W, Th, F.

First term. First-Year Latin. Carp.

Second term. First-Year Latin. Carp.

Third term. First-Year Latin; readings in Latin prose and poetry. Cohen.

Eight-week session (June 24-August 15)

Lat 199. Special Studies. 1-3 credit hours.

Development in reading skills, for students who have just completed the first or second year of Latin; refresher course for students who have not studied Latin recently. Prerequisite: Lat 52 or one year of college Latin, or the equivalent. Hours to be arranged. Cohen and staff.

Lat 405. Reading and Conference.

Credit hours to be arranged. Staff.

Lat 503. Thesis.

Credit hours to be arranged. Staff.

Lat 505. Reading and Conference.

Credit hours to be arranged. Staff.

Greek

Grk 405. Reading and Conference.

Credit hours to be arranged. Staff.

Grk 503. Thesis.

Credit hours to be arranged. Staff.

Grk 505. Reading and Conference.

Credit hours to be arranged. Staff.

Classics in Translation

G Lit 407. Seminar.

Hercules: A Cross-Cultural Study. (g) 3 credit hours.

Reading the myth of Hercules in classical literature, including Greek and Roman tragedy and comedy; treatment of the theme in English and Continental literature; analogies to this heroic type in other cultures. Pascal. Meets 9:30 M, Tu, W, Th.

Computer Science

Department Head, David Moursund, Ph.D., Associate Professor (computers in education).

Michael Dunlap, M.S. and M.A.T., Instructor (computers in education).

Art Farley, Ph.D., Assistant Professor (artificial intelligence).

Gary Ford, Ph.D., Assistant Professor (parallel processing).

Charles Klopfenstein, Ph.D., Associate Professor (minicomputers and laboratory instrumentation).

Richard Millhollin, B.S., Instructor (applications programming).

Peter Moulton, Ph.D., Assistant Professor (programming languages and methods).

Michael Neill, M.S., Visiting Instructor Lane County Intermediate Education District (computers in education).

Larry Reeker, Ph.D., Assistant Professor (programming language and computational linguistics).

The Computer Science Department offers a wide variety of service courses and courses applicable towards a bachelor degree in computer science or an interdisciplinary master degree in computer science-education. The master degree in computer science-education is particularly suitable for teachers in the secondary school, community college, or small college. This program may be completed in three summers if the candidate has an adequate background in computer programming. Candidate with little or no background in computer programming usually will require four summers to complete the program.

All of the courses listed below have been scheduled for Summer 1975. In subsequent years, the intent is to alternate three or four of these courses with some additional courses especially designed for either teachers or undergraduates, or both, in computer science.

The University of Oregon has good computing facilities, mostly housed in a modern air-conditioned building. Facilities include an IBM 360/50 used for batch processing, a PDP-10 with a number of remote terminals used for time shared computing, and a number of mini-computers supplementing laboratory equipment.

Direct inquiries for additional information about degree programs to the department head, David Moursund.

Eight-week session (June 24-August 15)

CS 121. Concepts of Computing. 4 credit hours.

Introduction to the capabilities and limitations of computers, and of the social, vocational, and educational implications of computers. Includes some introduction to programming in the language BASIC. Meets 10:30 M, Tu, W, Th.

CS 131. Introduction to Business Data Processing. 4 credit hours.

A first course in programming in the language BASIC, with examples and applications drawn from the area of business data processing. Prerequisite: Mth 101 or equivalent. Meets 9:30 M, Tu, W, Th.

CS 133. Introduction to Numerical Computation. 4 credit hours.

A first course in FORTRAN programming and fundamental principles of problem analysis and solution via digital computer. Prerequisite: Mth 101 or equivalent. Two sections: 9:30 M, Tu, W, Th; 12:30 M, Tu, W, Th.

CS 199. Self-instruction FORTRAN. 2 credit hours.

An introduction to batch processed FORTRAN at the UO for students who have had previous work in timeshared BASIC, or some previous work in FORTRAN at some other school. A self-instruction course, with no formal class meetings. A no-grade course.

CS 199. Self-instruction WATFLECS. 1 credit hour.

An introduction to the WATFIV version of the FORTRAN Language with Extended Control Structure (developed by Terry Beyer). Prerequisite: CS 133 or equivalent. A self-instruction course, with no formal class meetings. A no-grade course.

CS 245. Time-shared Computing. 2 credit hours.

Introduction to time-shared computing on a large time-shared computer. Use of line and text editors to create files; manipula-

tion of files; programming in several time-shared languages. Prerequisite: CS 133 or equivalent knowledge of programming in a batch-processing mode. A self-instruction course with no formal class meetings. A no-grade course.

CS 405. Reading and Conference.

Credit hours to be arranged.

CS 407. Seminar.

The following seminar topics are scheduled.

Information Systems. (g) 4 credit hours.

An introductory survey of computerized information storage and retrieval systems. Will include a study of locally available systems such as ERIC, OIAS, OTIS and the UO's student record system. Prerequisite: One term of computer programming. Moursund. Meets 11:30 M, Tu, W, Th.

Computer Graphics Devices. (g) 4 credit hours.

An introductory course in computer graphics which will include work with graphics terminals and plotters. The major emphasis will be upon packaged programs and subprograms available in the computer library. Prerequisite: One term of computer programming. Millhollin. Meets 12:30 M, Tu, W, Th.

Introduction to Computers in Education. (g) 4-12 credit hours.

An introduction to educational uses of computers designed for teachers and school administrators with little or no previous work in computing. An individualized program of study, of 4-12 credit hours, will be designed for each class member. This program of study may depend heavily upon formal participation in one or more of the courses CS 121, 131, 133, 199 or 245, and will also include work with computer education curriculum materials. Prerequisite: The course is restricted to in-service and pre-service educators. Neill. Meets 8:30 M, Tu, W, Th.

Mini-computers. (g) 4 credit hours.

An introduction to mini-computers, to include mini-computer architecture, comparison of several systems and machines, and study of assembler language on a mini-computer. Prerequisite: 8-12 credit hours of computer science. Neill. Meets 10:30 M, Tu, W, Th.

Structure of Programming Languages. (g) 4 credit hours.

An introduction to the syntax and semantics of programming languages. Formal representation of grammars, and comparison of programming languages' designs. Prerequisite: 12 credit hours of computer science and knowledge of two languages (one of which must be other than BASIC or FORTRAN). Farley. Meets 8:30 M, Tu, W, Th.

Assemblers and Compilers. (g) 4 credit hours.

A study of the function and structure of assemblers, compilers, loaders, and other systems programs in programming language processors. Prerequisite: 12 credit hours of computer science, including at least two weeks of machine or assembler language. Dunlap. Meets 11:30 M, Tu, W, Th.

CS 410. PL/I Programming. (g) 4 credit hours.

An introduction to the programming language PL/I. Prerequisite: Six to eight credit hours of computer science courses. Ford. Meets 9:30 M, Tu, W, Th.

CS 421. FORTRAN in an Operating Environment. (g) 4 each term.

Discusses advanced programming techniques and the capabilities and limitations of FORTRAN IV in an IBM 360 operating environment. Meet 8:30 M, Tu, W, Th.

CS 505. Reading and Conference.

Credit hours to be arranged.

CS 505. Reading and Conference. 4-8 credit hours.

Formal reading and conference in each of seven different areas. Each course has as prerequisite at least 20 credit hours of computer science, and each provides for a weekly meeting with the course instructor. The courses are designed for upper-division undergraduates and graduate students who have a serious interest in computer science and the ability to do independent study in this field.

Automata Theory.

Introduction to mathematical models of computing machines.

(CS 505 Reading and Conference topics continued)

Finite-state automata, pushdown automata, linear-bounded automata, Turing machines, Wang machines, RAMs, RASPs, cellular automata. Relationships between automata and formal languages, recursive functions, computability. Ford. Meets 2:30 M.

Computational Complexity.

Abstract computational complexity: recursive functions, Blum's measure, speedup theorem, gap theorem, honesty theorem. Concrete computational complexity: measures of computing resources: time, arithmetic instructions, memory; arithmetic algorithms, matrix algorithms, graph algorithms, sorting algorithms, complexities of sequential and parallel algorithms. Ford. Meets 2:30 Tu.

Combinatorial Switching Theory.

Introduction to computer hardware components and circuit synthesis. Elementary propositional logic. Astable, monostable, and bistable components. Gates, universal gates; flipflops; shift registers; up, down, and ring counters; data transfers. Karnaugh maps, don't-care conditions. Multivalued logic and components. Ford. Meets 2:30 W.

Searching.

An analysis and evaluation of various methods of search and of data representations facilitating search. The course will be primarily based upon Chapter 6 (Volume 3) of Knuth, with the additional consideration of heuristic search techniques. Required work will be reading and solving problems in Knuth, plus the implementation of a search method and its associated information representation. Farley. Meets 1:30 M.

Artificial Intelligence.

A current research theme of artificial intelligence will be thoroughly investigated by the reading of relevant literature. The goal will be to reach an understanding of the state of research such that new questions and proposal solutions or directions can be offered. Topics (themes) include: speech recognition, vision, cognitive simulation, chess (game playing), theorem proving, problem solving. Farley. Meets 1:30 Tu.

Production Systems.

Production systems are a type of control structure which has been used to model cognition. Several existent production systems will be studied to gain understanding of control characteristics. Special attention will be given to how production systems can be made to learn. An attempt will be made to implement a rudimentary learning production system. Farley. Meets 1:30 W.

Mini-computers in the Laboratory.

Use of mini-computers for science laboratory information collection and processing and for process control. The major emphasis will be upon the use of Varian mini-computers in a chemistry laboratory. Klopfenstein. Hours to be arranged.

CS 507. Seminar.**Computer Literacy for Educators. 4-8 credit hours.**

The development, implementation, and dissemination of computer education and computer literacy materials for teachers and school administrators. Participants will help design and run workshops for school administrators and for teachers of science, social science, and business. Prerequisite: Substantial knowledge and experience in the computer education field. Dunlap and Moursund. Meets 3:30 M, Tu, W, Th.

Additional courses**CS 199. Environmental Modeling and Simulation. 4 credit hours.**

June 24-July 18. This introductory service course is designed for people with little or no background in computer science. It includes an introduction to modelling techniques, with applications to such areas as population, energy, and other resources. This is not a computer programming course, but some models will be constructed and simulated on a computer. Prerequisite: one year of college mathematics, or equivalent. Moulton. Meets 1:30-3:20 M, Tu, W, Th.

CS 199. Natural Language Processing. 4 credit hours.

July 21-August 15. An introductory service course in natural language processing for people with a low level of computer back-

ground. A computer language (SNOBOL), suitable for use on problems in this area, will be presented. Principles of sentence analysis and some linguistic theory will be included. Prerequisite: CS 121 (3 hours) or any one term computer programming course. Reeker. Meets 1:30-3:20 M, Tu, W, Th.

CS 407. Seminar. (g) 2 credit hours.

The following seminar topics are scheduled for the dates shown, and for 2 credit hours each.

Introduction to Computers for Elementary School Teachers.

June 16-June 20. A one-week introductory workshop on computers and electronic calculators, and their uses in the elementary school, designed for in-service and pre-service teachers. Dunlap. Meets 8:30-11:20 and 12:30-3:20 M-F. A no-grade course.

Introduction to Computers for School Administrators.

June 23-June 27. A one-week introductory workshop on computers, especially designed for school administrators who have little or no previous experience in the computer area. Will include both administrative and instructional capabilities, limitations, and implications of computers. Moursund. Meets 8:30-11:20 and 12:30-3:20 M-F. A no-grade course.

Introduction to Computers for Science Teachers.

July 21-July 25. A one-week introductory workshop on computers, especially designed for pre-college level science teachers with little or no previous experience in the computer area. Will include an overview of computer capabilities, limitations, and implications in science instruction. Moursund. Meets 8:30-11:20 and 12:30-3:20 M-F. A no-grade course.

Introduction to Computers for Business Teachers.

July 28-August 1. A one-week workshop on computers for business teachers with little or no previous experience in the computer area. Includes an overview of computer capabilities, limitations, and implications in business education, with major emphasis upon secondary school education. Moursund. Meets 8:30-11:20 and 12:30-3:20 M-F. A no-grade course.

Introduction to Computers for Social Science Teachers.

August 4-August 8. A one-week workshop for social science teachers with little or no previous experience in the computer area. Includes an overview of the capabilities, limitations, and implications of computers in the social sciences, with major emphasis upon what teachers should be doing about it. Moursund. Meets 8:30-11:20 and 12:30-3:20 M-F. A no-grade course.

Economics

Department Head, Robert Campbell, Ph.D., Professor (history of thought).

Myron A. Grove, Ph.D., Professor (economic theory, public finance).

Chulsoon Khang, Ph.D., Professor (international trade theory, mathematical economics).

Barry N. Siegel, Ph.D., Professor (monetary theory, economics of education).

Margaret Simeral, Ph.D., Visiting Assistant Professor (labor economics, human resource economics).

Eleven-week session (June 24-September 5)**Ec 503. Thesis.**

Credit hours to be arranged. Siegel.

Eight-week session (June 24-August 15)**Ec 201. Introduction to Economic Analysis. 3 credit hours.**

A systematic introduction to the tools and methods of economic analysis, designed to provide the nonmajor student with the basis for an understanding of economic issues and problems. Campbell. Meets 10:30 M, Tu, W, Th.

Ec 321. Money and Banking. 3 credit hours.

Operations of commercial banks, the Federal Reserve System, and the Treasury that affect the United States monetary system. Siegel. Meets 1:30 M, Tu, W, Th.

Ec 375. Intermediate Economic Analysis. 3 credit hours.

Income and employment theory. Prerequisite: Ec 201. May be

taken concurrently with Ec 376. Grove. Meets 11:30 M, Tu, W, Th.

Ec 376. Intermediate Economic Analysis. 3 credit hours.

Theory of the consumer; theory of the firm; determination of prices in various kinds of markets. Prerequisite: Ec 201. May be taken concurrently with Ec 375. Khang. Meets 10:30 M, Tu, W, Th.

Ec 405. Reading and Conference.

Credit hours to be arranged. Grove.

Ec 407. Seminar.

Scientific Revolutions in the History of Economics. (G) 3 credit hours.

A brief survey of the major changes in economic ideas from the ancient world to the Keynesian "Revolution" of this century. Emphasis placed on the changing patterns with which people have tried to understand their economic systems. Campbell. 8:30 M, Tu, W, Th.

Ec 445. Organized Labor. (G) 3 credit hours.

Analysis of macroeconomic problems and issues in the labor market including unions and their impact on the economy. Topics include the structure of unions and collective bargaining and the impact of unions on inflation and unemployment. Simeral. 10:30-12:20 Tu, Th.

Ec 501. Research.

Credit hours to be arranged. Siegel.

Ec 503. Thesis.

Credit hours to be arranged. Siegel.

Ec 505. Reading and Conference.

Credit hours to be arranged. Khang.

Ec 507. Seminar.

Credit hours to be arranged. Campbell.

English

Department Head, Roland Bartel, Ph.D., Professor (English education, romanticism).

James L. Boren, Ph.D., Assistant Professor (Old and Middle English).

Edwin L. Coleman, Jr., Ph.D., Assistant Professor (Black literature).

Marilyn Farwell, Ph.D., Assistant Professor (Renaissance, criticism).

John A. Haislip, Ph.D., Associate Professor (poetry writing).

William J. Handy, Ph.D., Professor (modern American, criticism).

James Heynen, M.F.A., Visiting Instructor (creative writing).

James E. Hoard, Ph.D., Associate Professor (linguistics).

Joseph A. Hynes, Ph.D., Professor (modern literature, fiction).

Gloria E. Johnson, Ph.D., Associate Professor (English drama).

Glen A. Love, Ph.D., Professor (rhetoric, American literature).

Richard M. Lyons, M.F.A., Associate Professor (fiction writing).

Derry Malsch, Ph.D., Assistant Professor (linguistics).

Stanley R. Maveety, Ph.D., Professor (Renaissance, Bible literature).

William Rockett, Ph.D., Associate Professor (Renaissance).

Ralph J. Salisbury, M.F.A., Professor (creative writing).

Ciarence Sloat, Ph.D., Associate Professor (linguistics).

Richard C. Stevenson, Ph.D., Associate Professor (English novel).

William C. Strange, Ph.D., Associate Professor (Romantic poets).

Charles Sullivan, M.A., Teaching Fellow (science fiction).

Donald S. Taylor, Ph.D., Professor (eighteenth century).

Nathaniel Teich, Ph.D., Assistant Professor (romanticism, literary criticism).

J. Barre Toelken, Ph.D., Professor (folklore).

A. Kingsley Weatherhead, Ph.D., Professor (modern poetry, fiction).

Christof A. Wegelin, Ph.D., Professor (modern fiction, American literature).

George Wickes, Ph.D., Professor (twentieth century).

Eight-week session (June 24-August 15)

Literature

Eng 104. Introduction to Literature. 3 credit hours.

Study of literature and the nature of literary experience through the reading of great works of fiction, drawn from English and other literatures. Works representing the principal literary types are read in their entirety when possible, with emphasis on such elements as structure, style, characterization, imagery, and symbolism. Stevenson. Meets 9:30 M, Tu, W, Th.

Eng 109. World Literature. 3 credit hours.

Study of the literary and cultural foundations of the western world through the analysis of a selection of masterpieces of literature, ancient and modern, read in chronological order. The readings include continental, English, and American works. Third term of a three-term sequence, but may be taken out of sequence order. Teich. Meets 12:30 M, Tu, W, Th.

Eng 199. Literature and Language of Blues and Jazz. 3 credit hours.

An exploration of Afro-American culture through the literature and linguistic framework of blues and jazz, and the social, political, and economic forces in American history that helped to shape the music and to determine the course it took. Coleman. Meets 8:30 M, Tu, W, Th.

Eng 199. American Detective Fiction. 3 credit hours.

A study of selected works by Dashiell Hammett, Raymond Chandler, and Ross McDonald. The course will concentrate on the literary and cultural significance of these writers in the context of twentieth-century California. Boren. Meets 10:30 M, Tu, W, Th.

Eng 199. Special Studies. 1-3 credit hours.

Eng 202. Shakespeare. 3 credit hours.

Study of the important plays—comedies, histories, and tragedies. Required for English majors. Second term of a three-term sequence, but may be taken out of sequence order. Strange. Meets 10:30 M, Tu, W, Th.

Eng 204. Survey of English Literature. 3 credit hours.

Study of the principal works of English literature based on readings selected to represent great writers, literary forms, and significant currents of thought. Provides a background that will be useful in the study of other literatures and other fields of cultural history. Eng 204 is the first term of a three-term sequence; it concentrates on Anglo-Saxon beginnings to the Renaissance. Johnson. Meets 9:30 M, Tu, W, Th.

Eng 254. Survey of American Literature. 3 credit hours.

American literature from its beginnings to the present day. Second term of a three-term sequence, but may be taken out of sequence order. Wickes. Meets 10:30 M, Tu, W, Th.

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

A critical survey of British, American, and some European literature from 1890 to the present; significant works of poetry, drama, and fiction studies in relation to intellectual and historical development. First term of a three-term sequence. Wegelin. Meets 11:30 M, Tu, W, Th.

NOTE: A prerequisite for all Eng 400-level course numbers is junior standing or above.

Eng 401. Research.

Credit hours to be arranged.

Eng 403. Thesis.

Credit hours to be arranged.

Eng 405. Reading and Conference.

Credit hours to be arranged.

Eng 407. Seminar.

Science Fiction. (G) 3 credit hours.

A survey of science fiction from H. G. Wells to Harlan Ellison. Discussions will cover history and backgrounds, types, and socio-cultural implications of science fiction. Sullivan. Meets 10:30 M, Tu, W, Th.

Contemporary American Poetry. (G) 3 credit hours.

A detailed study of three or four contemporary American poets working in open forms. Haislip. Meets 9:30 M, Tu, W, Th.

Creative Writing for Teachers. (G) 3 credit hours.

Designed to give the experience of writing creatively, the ex-

(Eng 407 Seminar topics continued)

perience of criticizing creative writing in presence of others, and the experience of individual conferences about creative writing. The course aims to give some tried and proven procedures and, above all, some confidence and knack for helping students in their development as creative writers. Heynen. Meets 11:30 M, Tu, W, Th.

Identity in American Literature. (G) 3 credit hours.

The quest for national identity and the exploration of the American character in certain major authors of the last hundred years. Particular attention will be paid to the differences between the two halves of the period before and after World War I. Student reports and discussions. Wegelin. Meets 2:30-5:20 W.

Eng 409. Supervised Tutoring Practicum. (G) 1-3 credit hours.

Eng 414. History of Literary Criticism. (G) 3 credit hours.

Studies in the theory and practice of literary criticism from Plato and Aristotle to the present. First term of a three-term sequence. Rockett. Meets 10:30 M, Tu, W, Th.

Eng 415. History of Literary Criticism. (G) 3 credit hours.

See course description for Eng 414 above. Second term of a three-term sequence, but may be taken out of sequence order. Farwell. Meets 11:30 M, Tu, W, Th.

Eng 428. Chaucer. (g) 3 credit hours.

As much of Chaucer's work read as time permits. Boren. Meets 1:30 M, Tu, W, Th.

Eng 436. Advanced Shakespeare. (G) 3 credit hours.

Detailed study of selected plays, with a concentration on plays to be presented in Ashland. Johnson. Meets 11:30 M, Tu, W, Th.

Eng 437. The Literature of the English Bible. (G) 3 credit hours.

Study of the literary qualities of the English Bible, with some reference to its influence on English and American literature. Maveety. Meets 12:30 M, Tu, W, Th.

Eng 450. Eighteenth-Century Literature. (G) 3 credit hours.

Study of Restoration works in relation to specific literary traditions. Taylor. Meets 2:30 M, Tu, W, Th.

Eng 462. English Romantic Writers. (G) 3 credit hours.

Studies in the variety of romantic thought and expression, with concentration on Byron, Shelley, Keats, and other writers of the Second Generation. Strange. Meets 8:30 M, Tu, W, Th.

Eng 481. Major American Writers. (G) 3 credit hours.

Detailed study of two or three major authors. Wickes. Meets 12:30 M, Tu, W, Th.

Eng 491. History of the English Language. (g) 3 credit hours.

The study of the linguistic origins and development of English for prospective teachers of English. Prerequisite: Eng 492 or Ling 290. Hoard. Meets 8:30 M, Tu, W, Th.

Eng 492. Applied English Linguistics. (g) 3 credit hours.

Study of modern English linguistics for prospective teachers of English. Sloat. Meets 9:30 M, Tu, W, Th.

Eng 494. Existentialism and Modern Literature. (G) 3 credit hours.

A critical study of nineteenth- and twentieth-century works which reflect the characteristic subject matter and themes of existentialism, works by such authors as Kierkegaard, Nietzsche, Tolstoy, Camus, Sartre, Kafka, Beckett, Albee, Kesey, Pirandello. Handy. Meets 10:30 M, Tu, W, Th.

Eng 501. Research.

Credit hours to be arranged. A no-grade course.

Eng 503. Thesis.

Credit hours to be arranged. A no-grade course.

Eng 505. Reading and Conference.

Credit hours to be arranged.

Eng 507. Seminar.

Contemporary British Fiction. 5 credit hours.

A study of important British novelists since the late thirties; e.g., Beckett, Lessing, Burgess, others. Consent of instructor is required. Hynes. Meets 1:30-5:20 Tu.

Eng 588. Modern Poetry. 5 credit hours.

British poetry from Hopkins to the present. Weatherhead. Meets 1:30-5:20 Th.

Writing

Wr 121. English Composition. 3 credit hours.

Fundamentals of expository prose; frequent written themes. Special attention to substance and structure in written discourse. Four sections: meets 8:30, 10:30, 11:30, or 12:30 M, Tu, W, Th.

Wr 241. Introduction to Imaginative Writing. 3 credit hours.

Introductory course for students interested in the techniques of writing fiction, and in the development of a critical appreciation of the art of writing. Taylor. Meets 12:30 M, Tu, W, Th.

Wr 243. Introduction to Imaginative Writing. 3 credit hours.

Introductory course for students interested in the techniques of writing poetry, and in the development of a critical appreciation of the art of writing. Haislip. Meets 11:30 M, Tu, W, Th.

Wr 323. English Composition. 3 credit hours.

Advanced expository prose; frequent written themes. Special attention to the relationship between style and content in exposition. Prerequisite: Wr 121, and junior standing. Seven sections: meets 8:30, 9:30, 10:30, 11:30, 12:30, or 1:30 M, Tu, W, Th.

Wr 325. Short-Story Writing. 3 credit hours.

An upper-level course for students interested in short-story writing. Examination of the basic techniques and structure of the short story; extensive analyses of student work and established models. Consent of instructor required. Lyons. Meets 9:30 M, Tu, W, Th.

Wr 341. Poetry Writing. 3 credit hours.

Versé writing; study of various versé forms as media of expression. Analysis of class work. Consent of instructor is required. Salisbury. Meets 1:30 M, Tu, W, Th.

Wr 404. Writing and Conference.

Credit hours to be arranged.

Wr 409. Supervised Tutoring Practicum. (G) 1-3 credit hours.

A no-grade course.

Wr 503. Thesis.

Credit hours to be arranged. A no-grade course.

Wr 504. Writing and Conference.

Credit hours to be arranged.

Linguistics

Ling 150. Classical Elements of English. 3 credit hours.

The analysis of English word structure as a means of building vocabulary. The study of Latin and Greek roots, prefixes, and suffixes. Sloat. Meets 11:30 M, Tu, W, Th.

Ling 290. Introduction to Linguistics. 3 credit hours.

Introduction to the scientific study of language. Examination of the characteristics of language and language diversity, including sounds, structure, symbolic nature, linguistic change, and theories of origin. The relation of linguistic science to the social sciences and to the humanities. Malsch. Meets 8:30 M, Tu, W, Th.

Ling 501. Research.

Credit hours to be arranged. A no-grade course.

Ling 503. Thesis.

Credit hours to be arranged. A no-grade course.

Ling 505. Reading and Conference.

Credit hours to be arranged.

Additional courses

Eng 407. Seminar.

Western American Literature. (G) 3 credit hours.

June 24-July 18. The critical and cultural assumptions of Western American literature in general and Northwestern literature in particular followed by study of fiction by such novelists as A. B. Guthrie, Don Berry, Bernard Malamud, Ken Kesey, H. L. Davis, and Wallace Stegner, and such poets as Theodore Roethke, William Stafford, Richard Hugo, Caroline Kizer, and Gary Snyder. Love. Meets 1:30-3:20 M, Tu, W, Th.

Eng 419. American Folklore. (G) 3 credit hours.

July 21-August 15. A study of native American folklore; its connections in American history and culture; its role in the development of the writings of selected American authors (e.g., Hawthorne, Melville). Toelken. Meets 1:30-3:20 M, Tu, W, Th.

Geography

Department Head, Alvin W. Urquhart, Ph.D., Associate Professor (cultural geography, Africa).

Daniel W. Gade, Ph.D., Visiting Associate Professor (cultural geography, biogeography).

Deirdre D. Malarkey, M.A., Instructor (geography of the Near East).

Gary H. Searl, M.S., Instructor (Oregon geographic education).

Everett G. Smith, Jr., Ph.D., Associate Professor (social geography, urban geography).

Edward P. Thatcher, M.A., Map Librarian (cartographic resources).

John T. Townsend, M.A., Visiting Instructor (Oregon geographic education).

Patricia T. Caro, M.A., Graduate Teaching Fellow (geography of Europe).

Susan L. Pommering, M.S., Graduate Teaching Fellow (geography of the West).

William L. Preston, M.A., Graduate Teaching Fellow (physical geography).

Bruce E. Robertson, M.S., Graduate Teaching Fellow (cultural geography).

Jerry L. Williams, M.A., Graduate Teaching Fellow (urban geography).

Eight-week session (June 24-August 15)

Geog 101. The Natural Environment. 3 credit hours.

An introductory physical geography of the earth with special emphasis on vegetation, landforms, climate, and soils. Preston. Meets 11:30 M, Tu, W, Th.

Geog 103. Landscape, Environment, and Culture. 3 credit hours.

An introductory cultural geography that focuses on the ways in which various cultural groups evaluate, use, and modify the landscapes and environments they occupy. Robertson. Meets 10:30 M, Tu, W, Th.

Geog 105. Urban Environment. 3 credit hours.

An introduction to the concepts of geography and techniques of geographic analysis through the examination of urban locations and patterns. Williams. Meets 1:30 M, Tu, W, Th.

Geog 201. Geography of Europe. 3 credit hours.

An introduction to geography through the study of the physical and cultural processes that have shaped the rural and urban landscapes of Europe. Caro. Meets 9:30 M, Tu, W, Th.

Geog 303. The American West. 3 credit hours.

Areas of attraction and aversion. Forest, grass, minerals, soil, water, climate, scenery, desert, and wilderness. Pommering. Meets 1:30 M, Tu, W, Th.

Geog 401. Research.

Credit hours and topics to be arranged.

Geog 405. Reading and Conference.

Credit hours and topics to be arranged.

Geog 407. Seminar.

Middle East Landscapes. (G) 3 credit hours.

Problems of agriculture, settlement, and urbanization in S.W. Asia. Focuses on Syria, Lebanon, Jordan, Israel, and countries of the Arabian Peninsula. Malarkey. Meets 12:30 M, Tu, W, Th.

Problems in Urban Geography. (G) 3 credit hours.

A look at the subdivision and reassembly of land for urban development. Smith. Meets 2:30-3:50 M, W.

Problems in Cultural Geography. (G) 3 credit hours.

A review of the concepts of environmental perception, attitudes, values and toponyms as used in geography. Urquhart. Meets 7:30-9:50 Tu evenings.

Geog 409, 509. Supervised Tutoring Practicum.

Credit hours to be arranged.

Geog 422. Geographic Field Methods. (G) 3 credit hours.

Research techniques in geography applied to local areas and problems. Prerequisite: 9 credit hours of geography and consent of instructor. Urquhart. Meets 8:30-4:50 Fridays.

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

Impact of political institutions upon the landscape; resources and political decisions; relation of formal and informal groups to political areas. Smith. Meets 11:30 M, Tu, W, Th.

Geog 488. Biogeography. (G) 3 credit hours.

Relation of plants and animals to the environment; distribution of individual species; historical changes in plant distribution; aerial photo interpretation and mapping of vegetation; domestication of plants and animals. Gade. Meets 8:30 M, Tu, W, Th.

Geog 492. Cultural Geography. (G) 3 credit hours.

Concepts and examples of the cultural landscape. Prerequisite: 9 credit hours of geography. Gade. Meets 10:30 M, Tu, W, Th.

Geog 501. Research.

Credit hours and topics to be arranged. A no-grade course.

Geog 502. Supervised College Teaching.

Credit hours to be arranged. No-grade course.

Geog 503. Thesis.

Credit hours to be arranged. No-grade course.

Geog 505. Reading and Conference.

Credit hours and topics to be arranged.

Additional courses

Geog 280. Reading and Interpretation of Maps. 3 credit hours.

July 21-August 15. Introduction to the interpretation of physical and cultural features on maps. Critical analysis of cartographic styles employed by atlas and map makers. Searl and others. Meets 8:30-10:20 M, Tu, W, Th.

Geog 301. Geography of Oregon. 3 credit hours.

June 24-July 18. The nature of Oregon: its natural and human resources, changing patterns of settlement, urbanization and economic development, and problems of environmental use. Searl and others. Meets 8:30-10:20 M, Tu, W, Th.

Geog 507. Seminar.

Cartographic Bibliography. 3 credit hours.

June 24-July 18. Examination of the map room collections with special attention to their uses, and criteria for their evaluation as publications. Consent of instructor is required. Thatcher. Meets 7:30 M, Tu, W, Th, plus other times to be arranged.

Geog 508. Workshop.

Learning Materials from the Local Area. 3 credit hours.

June 24-July 18. The State of Oregon will be used as a resource for teaching social studies at all levels. Methods developed may then be applied to any other area. Participants will develop classroom and outdoor activities for either group or individual work. Examples of landscape simulations for classroom use will be demonstrated such as those using slides, poetry, and music. Each participant will have an opportunity to work on projects of their choosing for classroom use. Townsend and others. Meets 8:30-10:20 M, Tu, W, Th.

Visual Aids for Social Studies. 3 credit hours.

July 21-August 15. This workshop will enable participants to create their own classroom maps for handouts, overhead projections, and base maps for student projects. Only inexpensive equipment will be required and no prior skill will be expected. Each participant will have an opportunity to work on projects for their own individual classroom use. Searl and others. Meets 8:30-10:20 M, Tu, W, Th.

Geology

Department Head, Sam Boggs, Jr., Ph.D., Associate Professor (sedimentation and sedimentary petrology).

Ewart M. Baldwin, Ph.D., Professor (stratigraphy and regional geology; nonmetallic economic geology).

William T. Holser, Ph.D., Professor (mineralogy and geochemistry).

M. Allan Kays, Ph.D., Associate Professor (metamorphic and igneous petrology).

Norman M. Savage, Ph.D., Associate Professor (Paleozoic invertebrate paleontology and stratigraphy).

Gregory A. Miles, M.S., Graduate Teaching Fellow (micro-paleontology, planktonic Foraminifera and Cenozoic Radiolaria).

Eleven-week session (June 24-September 5)**Geol 501. Research.**

Credit hours to be arranged.

Geol 503. Thesis.

Credit hours to be arranged.

Geol 505. Reading and Conference.

Credit hours to be arranged.

Geol 506. Advanced Field Geology.

Credit hours to be arranged. Geologic field work chiefly in connection with graduate theses. Emphasis on individual problems. Prerequisite: graduate standing, consent of thesis adviser.

Eight-week session (June 24-August 15). Courses offered in sequence, first term June 24-July 18; second term July 21-August 15.

Geol 101, 102. General Geology. 3 credit hours each term.

A general introduction to Earth materials, processes, and landforms. One Saturday field trip each term for which the department charges a transportation fee.

First term. Earth as a planet; rock-forming minerals; igneous rocks; sedimentary rocks; geologic time-scale; gravity movements; soils and weathering; stream transportation and erosion; underground water; glaciers and glaciation. Boggs. Meets 8:30-10:20 M, Tu, W, Th.

Second term. Deserts; volcanoes; rock deformation; metamorphism; plate tectonics and orogeny; earthquakes and the earth's interior; the oceans; economic geology. Holser. Meets 8:30-10:20 M, Tu, W, Th.

Geol 501. Research.

Credit hours to be arranged.

Geol 503. Thesis.

Credit hours to be arranged.

Geol 505. Reading and Conference.

Credit hours to be arranged.

Geol 506. Advanced Field Geology.

Credit hours to be arranged. Geologic field work chiefly in connection with graduate theses. Emphasis on individual problems. Prerequisite: graduate standing, consent of thesis adviser.

Additional courses**Geol 301. Fossils and the Origin of Life. 3 credit hours.**

July 21-August 15. Lectures and assigned readings dealing with the origin of the Earth and solar system, origin of life in the Precambrian, and fossil evidence of early evolution of plants and invertebrate animals. Previous science courses not required. Miles. 1:30-3:20 M, Tu, W, Th.

Geol 352. Geology of Oregon. 3 credit hours.

June 24-July 18. Lectures, assigned reading, and field trips, to acquaint the student with some of the salient features of the geology of the state. Previous geology not required. (Field trips on weekends—choice of several; small transportation fee.) Baldwin. Meets 10:30-12:20 M, Tu, W.

Geol 353. Oceanography. 3 credit hours.

July 21-August 15. An introduction to physical, chemical, and biological processes of the world's oceans, with emphasis on the history and geology of the ocean basins. Previous science courses not required. (Field trips on weekends; small transportation fee.) Boggs. Meets 10:30-12:20 M, Tu, W.

Geol 406. Field Geology. 9 credit hours.

June 16-July 25. Geological field work in selected parts of Oregon. Emphasis on field mapping at several scales in igneous, metamorphic, and sedimentary terrains in Oregon. Mapping projects using plane table and alidade, airphotos, and topographic base maps. Prerequisite: General Geology (Geol 101-2-3), Stratigraphy and Sedimentation (Geol 392), and Mineralogy (Geol 325-6-7); or consent of instructor. An extra fee of \$275, payable to the Department of Geology, covers board and transportation in the field. Circular available from department includes descriptive information and application form. Applications accompanied by a non-refundable deposit of \$35.00, which is applied to the total fee of \$275, should be submitted by April 15, 1975. Enrollment limited to 20. Kays, Savage.

German and Russian

Department Head, Roger A. Nicholls, Ph.D., Professor of German (19th-century literature).

Lana P. Buck, M.A., Instructor of Russian (19th and 20th century literature).

Walther L. Hahn, Ph.D., Professor of German (romanticism, 19th century novel and Novelle).

Beth E. Maveety, Ph.D., Assistant Professor (teacher training and German literature).

James R. McWilliams, Ph.D., Associate Professor of German (19th and 20th century literature).

James L. Rice, Ph.D., Associate Professor of Russian (folklore, 18th century literature).

German

Eleven-week session (June 24-September 5) courses offered in sequence, first term June 24-July 18; second term July 21-August 15; third term August 18-September 5.

GL 50, 51, 52. First-Year German. 4 credit hours first two terms; 3 credit hours third term.

Designed to provide a thorough grammatical foundation and an elementary reading knowledge of German, as well as an understanding of the spoken language.

First term. Meets 8:30-10:20 M-F.
10:30-12:20 M-F.

Second term. Meets 8:30-10:20 M-F.
10:30-12:20 M-F.

Third term. Meets 8:30-10:20 M-F. McWilliams.

GL 101, 102, 103. Second-Year German. 4 credit hours first two terms; 3 credit hours third term.

Review of grammar and composition; reading of selections from representative authors: conversation. Open to students who have completed GL 52 or GL 57 and GL 82, or the equivalent.

First term. Meets 8:30-10:20 M-F.

Second term. Meets 8:30-10:20 M-F.

Third term. Meets 8:30-10:20 M-F.

GL 321, 322, 323. German for Reading Knowledge. 3 credit hours each term.

Intensive practice in grammar, followed by the reading of texts in the student's major field. Intended principally for graduate students.

First term. Meets 10:30-11:20 M-F. McWilliams.

Second term. Meets 10:30-11:20 M-F. McWilliams.

Third term. Meets 10:30-11:20 M-F.

Eight-week session (June 24-August 15)**GL 403. Thesis.**

Credit hours to be arranged.

GL 405. Reading and Conference.

Credit hours to be arranged.

GL 407. Seminar.**German Language Practice. (G) 3 credit hours.**

Extensive practice in speaking and writing. Required of German majors. Conducted in German. Prerequisite: two years of college German. Hahn. Meets 10:30-11:20 M, Tu, W, Th.

GL 431, 432. German Literature of the 20th Century. (G) 3 credit hours each term.

Study of the prose, poetry, and drama of the modern period. Particular attention to literary trends (naturalism, neoromanticism, expressionism, post-World War II literature) and experimental forms of the period. Emphasis on representative authors including Hauptmann, Thomas Mann, Hesse, Rilke, Kafka, Brecht.

First term. June 24-July 8. Meets 11:30-12:20 M, Tu, W, Th. McWilliams.

Second term. July 21-August 15. Meets 11:30-12:20 M, Tu, W, Th. McWilliams.

GL 503. Thesis.

Credit hours to be arranged.

GL 505. Reading and Conference.

Credit hours to be arranged.

GL 536. Lessing. 5 credit hours.

Detailed study of Lessing's dramas, his theoretical and philosophical writings, and his contribution to German classicism. Hahn. Meets 1:30-4:20 Tu.

Additional courses**Workshop for Teachers of German****GL 407. Seminar.****Applied Linguistics. (G) 2 credit hours.**

June 24-July 18. Principles of German Language learning. Student presentations of small units with the emphasis on linguistic differences between German and English. Electronic devices used where feasible, including video taping of presentations. Maveety. Meets 8:30 M, Tu, W, Th.

CI 408. Special Secondary Methods: German. 3 credit hours.

June 24-July 18. Observation, reading, and discussion of current teaching techniques in foreign language instruction, including use of language laboratory and the electronic classroom. Films, television tapes etc., speakers from Eugene schools and the University. Demonstrations. Maveety. Meets 9:30 M-F.

Russian

Eleven-week session (June 24-September 5) courses offered in sequence, first term June 24-July 18; second term July 21-August 15; third term August 18-September 5.

SL 50, 51, 52. First-Year Russian. 5 credit hours each term. Elementary Russian grammar, reading, conversation, and composition.

First term. Meets 8:30-10:20 M-F. Buck and Rice.

Second term. Meets 8:30-10:20 M-F. Buck and Rice.

Third term. Meets 8:30-10:20 M-F.

Eight-week session (June 24-August 15)**SL 421. Modern Russian Short Story. (G) 3 credit hours.**

Development of Russian short story. All readings in English, but Russian majors are expected to do selected readings in the original. Buck. Meets 12:30-1:20 M, Tu, W, Th.

SL 403. Thesis.

Credit hours to be arranged.

SL 405. Reading and Conference.

Credit hours to be arranged.

SL 503. Thesis.

Credit hours to be arranged.

SL 505. Reading and Conference.

Credit hours to be arranged.

History

Department Head, Raymond Birn, Ph.D., Professor (European history 1600-1815).

Gustave Alef, Ph.D., Professor (Russia, medieval period).

Jeffrey Barlow, Ph.D., Assistant Professor (American foreign relations).

Robert M. Berdahl, Ph.D., Associate Professor (Germany).

Roger P. Chickering, Ph.D., Associate Professor (Germany, 20th Century).

Mark Falcoff, Ph.D., Assistant Professor (Latin America).

G. Ralph Falconeri, Ph.D., Associate Professor (Japan).

Robert Forster, Ph.D., Visiting Professor (France, 18th century).

George Hummasti, M.A., Visiting Instructor (U.S. History).

R. Alan Kimball, Ph.D., Associate Professor (modern Russia).

Robert G. Lang, Ph.D., Associate Professor (Tudor and Stuart England).

Jack P. Maddex, Ph.D., Associate Professor (Civil War).

Robert W. Smith, Ph.D., Professor (modern Britain).

Eight-week session (June 24-August 15)**Hst 101. History of Western Civilization. 3 credit hours.**

An introduction to the historical development of the Western World. The contributions of ancient Greece and Rome. Changes in the value systems, ideas, social structure, and forms of political life during the Medieval period of Western Europe. Smith. Meets 8:30 M, Tu, W, Th.

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

Development of the major political and social ideologies of the nineteenth and twentieth centuries. Chickering. Meets 12:30 M, Tu, W, Th.

Hst 201. United States History. 3 credit hours.

The colonial period, the Revolution, the Constitution, the new nation from George Washington to Andrew Jackson. Hummasti. Meets 10:30 M, Tu, W, Th.

Hst 202. United States History. 3 credit hours.

Sectional conflict and Civil War; settling of the West; industrialization; the South after 1865; political and intellectual developments to 1900. Maddex. Meets 9:30 M, Tu, W, Th.

Hst 203. United States History. 3 credit hours.

The progressive era, America as a world power, the great depression and Franklin Delano Roosevelt, postwar decades. Hummasti. Meets 8:30 M, Tu, W, Th.

Hst 214. War and Society in Ancient World. 3 credit hours.

An example of the impact of war upon political and social change in Greece and Rome. Alef. Meets 11:30 M, Tu, W, Th.

Hst 301. Europe Since 1789. 3 credit hours.

Political, social, economic, and cultural trends from 1789 to 1870. Berdahl. Meets 8:30 M, Tu, W, Th.

Hst 305. English History. 3 credit hours.

Political, religious, economic, and social change from the Tudor age to the Industrial Revolution. Lang. Meets 11:30 M, Tu, W, Th.

Hst 306. English History. 3 credit hours.

The Victorian age and the 20th century with emphasis upon the background of modern Britain's social and economic problems and position in Europe and the world. Smith. Meets 1:30 M, Tu, W, Th.

Hst 321. American Foreign Relations since 1945. 3 credit hours.

Intensive study of American foreign relations since World War II. Barlow. Meets 10:30 M, Tu, W, Th.

Hst 350. Hispanic America. 3 credit hours.

A survey of Latin American history emphasizing major economic, political, and cultural trends and continuities thru the colonial period. Falcoff. Meets 10:30 M, Tu, W, Th.

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

Political, economic and diplomatic history of China and Japan from 1912 to the present. Falconeri. Meets 9:30 M, Tu, W, Th.

Hst 405. Reading and Conference.

Credit hours to be arranged.

Hst 407. Seminar.

Credit hours to be arranged.

Hst 408. Colloquium.

The following topics are scheduled for the credit hours shown. Other topics and credits may be arranged.

Old Regime and French Revolution. (G) 3 credit hours.

The development of French society from 1715-89 and the crisis produced by the great revolution of 1789-99. Students concurrently enrolled in Hst 301 are encouraged to take this colloquium. Forster. Meets 2:30-5:20 Tu.

British Imperialism: Africa and India. (G) 1-5 credit hours.

Growth of the British Empire in the 19th century. Readings and discussion of the religious, economic, nationalistic, and idealistic influences upon colonial policy. The impact of colonialism upon the people of Africa and India. The rise of anti-imperialist sentiment and the transition from empire to independence. Students concurrently enrolled in Hst 306 are encouraged to take this colloquium. Smith. Meets 1:30-4:20 W.

(Hst 408 Colloquium topics continued)

Modern Chinese Values and Institutions. (G) 1-5 credit hours.

This course will concentrate on selected topics dealing with social roles and institutions in the People's Republic of China. Topics may include education, women, the army, etc.; readings and class discussion. Students concurrently enrolled in Hst 321 are encouraged to take this colloquium. Barlow. Meets 2:30-5:20 Th.

War: 1750 to the Present. (G) 3-5 credit hours.

Aspects of western military history since the eighteenth century: Napoleon, war and industrialization, American Civil War, mass war in the twentieth century. Chickering. Meets 2:30-5:20 W.

Hst 437. History of Germany. (G) 3 credit hours.

From 1786 to the fall of Bismarck (1890). Berdahl. Meets 9:30 M, Tu, W, Th.

Hst 449. History of Russia. (G) 3 credit hours.

Revolutionary Russia: the fall of an old regime and the establishment of a new. Kimball. Meets 10:30 M, Tu, W, Th.

Hst 464. History of Mexico. (G) 3 credit hours.

A survey of Mexican history from 1810 to 1946. Falcoff. Meets 1:30 M, Tu, W, Th.

Hst 467. History of the South. (G) 3 credit hours.

Society and culture in the slave states; the bid for independence in the Confederacy; Reconstruction and the struggle to define the South's future; the "Tobacco Road" era; civil-rights struggle and other recent changes. Maddex. Meets 11:30 M, Tu, W, Th.

Hst 496. History of China. (G) 3 credit hours.

The Chinese revolutionary experience in the twentieth century. Barlow. Meets 12:30 M, Tu, W, Th.

Hst 501. Research.

Credit hours to be arranged.

Hst 503. Thesis.

Credit hours to be arranged.

Hst 505. Reading and Conference.

Credit hours to be arranged.

Hst 507. Seminar.

Credit hours to be arranged.

Hst 508. Colloquium.

Credit hours to be arranged.

Mathematics

Department Head, Fred C. Andrews, Ph.D., Professor (statistics).

Departmental Summer Program Coordinator, James M. Van Buskirk, Ph.D., Associate Professor (topology, knot theory).

Frank W. Anderson, Ph.D., Professor of Mathematics (algebra).

Glenn T. Beelman, A.M., Senior Instructor and Assistant to the Department Head.

Robert S. Freeman, Ph.D., Associate Professor (functional analysis, partial differential equations).

Kenneth S. Ghent, Ph.D., Professor (number theory, mathematics education).

John B. Jacobs, Ph.D., Assistant Professor (algebra, Lie algebras).

Richard M. Koch, Ph.D., Associate Professor (differential geometry).

John V. Leahy, Ph.D., Associate Professor (differential and algebraic geometry).

Ivan Niven, Ph.D., Professor (number theory, Diophantine approximations and density theory).

Peter R. Sherman, M.A., Senior Instructor (mathematics education).

Jerry M. Wolfe, Ph.D., Assistant Professor (numerical analysis, optimization and approximation theory).

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 Department of Mathematics before planning their programs.

Candidates for the M.A., M.S., and Ph.D., degrees may obtain detailed information on degree requirements by directing inquiries to the Department of Mathematics.

The department, in cooperation with the College of Education, offers a master degree especially suited to secondary-school mathematics teachers. Candidates for this degree must meet teacher certification requirements in Oregon or in their home states.

Many mathematics courses are designed primarily for candidates for this degree and are offered on a rotating basis so that a student may complete several of them in three summers. This summer the department will offer Mth 468, Mth 488, Mth 499 as well as Mth 457, Mth 458, Mth 462, and several other four-week courses: eight Mth 407 seminars and one Mth 507 seminar.

The department also offers a special master degree suitable for community college, junior college, small-college, and high school teachers which does not require the candidate to meet teacher certification requirements. The program for the degree consists of a combination of regular courses and the more advanced of the special courses listed above.

Each summer, the department also offers a selection of its regular undergraduate and graduate courses and seminars, with considerable concentration on those of interest to teachers.

Courses in computer science, many of which are particularly suited to secondary school and small-college teachers, are offered by the Computer Science Department.

Eight-week session (June 24-August 15)

NOTE: A remedial course, Mth 290, is open to certain students having insufficient high school algebra to qualify for Mth 95.

Mth 95. Intermediate Algebra. 4 credit hours.

Intended for students with inadequate preparation for introductory college mathematics courses, such as Mth 101. Prerequisite: one year of high school algebra. One section meets 1:30 M-F; a second section meets 9:30 M-F, and is open only to those in disadvantaged-student programs or by special departmental consent.

Mth 101. College Algebra. 4 credit hours.

Standard course intended for satisfaction of a requirement in a student's major field, or as a prerequisite for other mathematics courses such as Mth 106. Prerequisite: one and one-half years of high school algebra, Mth 95 or equivalent. One section meets 9:30 M-F; a second section meets 12:30 M-F.

Mth 102. Elementary Functions. 4 credit hours.

Trigonometric, logarithmic, and exponential functions and their graphs. Prerequisite: Mth 101 or equivalent. Meets 10:30 M-F.

Mth 106. Elements of Calculus. 4 credit hours.

Concepts of differential and integral calculus of algebraic functions. Prerequisite: Mth 101 or equivalent. One section meets 9:30 M-F; a second section meets 12:30 M-F.

Mth 115. Preparation for Calculus. 4 credit hours.

Selected topics from algebra, trigonometry, and other areas. For the student who has had a considerable amount of high school mathematics, including trigonometry, but whose placement scores indicate the need for a brief review of precalculus mathematics before enrolling for Mth 200, 201, 202 or Mth 204, 205, 206. Departmental consent is required. Meets 8:30 M-F.

Mth 123. Mathematics for Elementary Teachers. 3 credit hours.

The basic concepts of arithmetic, algebra, geometry and problem solving, developed through discovery sessions, laboratory exploration, problem-solving activities, and lectures. It is advisable to have practicum experience with elementary school children prior to taking this class and to take this class prior to or concurrently with CI 333. Prerequisite: Mth 122 or an adequate background in algebra and geometry, and admission to the elementary teachers education program or departmental consent. Sherman. Meets 10:30 M, Tu, W, Th.

Mth 124. Mathematics of Finance. 4 credit hours.

Simple and compound interest and discount, annuities, periodic-payment plans, bonds, depreciation, mathematics of insurance, and other topics related to business. Prerequisite: Mth 101, or equivalent. Meets 10:30 M, Tu, W, Th with an additional class meeting to be arranged.

Mth 200. Calculus with Analytic Geometry (I). 4 credit hours.
The first course in a three-term sequence in differential and integral calculus with analytic geometry introduced as needed. Differentiation, problems in maxima-minima and rates of change. Prerequisite: Mth 101 and 102 or equivalent. Meets 9:30 M-F.

Mth 201. Calculus with Analytic Geometry (II). 4 credit hours.

The second course in a three-term sequence in differential and integral calculus, with analytic geometry introduced as needed. Integration with various applications. Prerequisite: Mth 200 or equivalent. Meets 10:30 M-F.

Mth 202. Calculus with Analytic Geometry (III). 4 credit hours.

The third course in a three-term sequence in differential and integral calculus, with analytic geometry introduced as needed. Taylor's theorem and infinite series. Prerequisite: Mth 201 or equivalent. Meets 11:30 M-F.

Mth 290. Seminar: Elementary Algebra. 2 credit hours.

A remedial course for students with no, or very little, high school algebra. Intended as preparation for Mth 95. Open only to those in disadvantaged-student programs or, by special departmental permission, to others who have been admitted to the University without this preparation. Meets 9:30 M, Tu, W, Th.

Mth 405. Reading and Conference.

Credit hours to be arranged.

Mth 407. Seminar. (g)

Credit hours to be arranged.

Mth 411. Introductory Linear Algebra. (g) 4 credit hours.

An introduction to the basic concepts of linear algebra with emphasis on application. Students will learn to utilize existing computer programs to solve specific problems; however, no previous computing experience is required. Topics: matrices, solution of systems of linear equations, determinants, vector space, and calculation of eigenvalues. Prerequisite: sequence in calculus. Meets 12:30 M-F.

Mth 412. Linear Algebra. (G) 3 credit hours.

Proofs of theorems on basis and dimension in abstract vector spaces; linear transformations, the minimal polynomial; determinant of a linear transformation; characteristic roots and vectors; orthogonal, unitary and symmetric transformations. Prerequisite: Mth 411 or equivalent. Meets 12:30 M, Tu, W, Th.

Mth 418. Differential Equations. (g) 3 credit hours.

Linear differential equations, applications, systems of differential equations. Prerequisite: sequence in calculus or departmental consent. Leahy. Meets 11:30 M, Tu, W, Th.

Mth 425. Elements of Statistical Methods. (g) 3 credit hours.

Introductory course in statistics intended for upper-division and graduate students with little mathematics preparation. Not intended as prerequisite for other mathematics courses. Prerequisite: Mth 95 or equivalent. Meets 11:30 M, Tu, W, Th.

Mth 428. Introduction to Numerical Analysis. (g) 4 credit hours.

Basic topics in numerical analysis including numerical solution to equations, interpolation, divided differences, the generation of tables, and error analysis. Students will write several computer programs which apply the techniques discussed in class. Prerequisite: year sequence of calculus and a basic knowledge of FORTRAN or BASIC (for example CS 233 or CS 201), or departmental consent. Meets 10:30 M-F.

Mth 441. Introduction to Statistical Theory. (g) 3 credit hours.

Elementary theory of probability, sampling distributions, estimation and testing of hypotheses. Prerequisite: year sequence of calculus. Meets 1:30 M, Tu, W, Th.

Mth 468. Statistics. (g) 4 credit hours.

An introduction to statistical theory for secondary school teachers. Meets concurrently with Mth 441 four days per week, with an additional day each week devoted to topics of special interest to teachers. Prerequisite: year sequence in calculus, and teaching experience or departmental consent. Meets 1:30 M-F.

Mth 488. Projective Geometry. (G) 4 credit hours.

An introduction to projective geometry; initially treated as an extension of high school level Euclidean geometry, following its actual historical development. A more rigorous axiomatic approach is pursued once the students are familiar with the basic notions of projective invariance, completion of the affine to the projective plane, the relation of homogeneous to non-homogeneous coordinates, and the theorems of Desargues and Pappus. Prerequisite: one year of college mathematics. Meets 9:30 M-F.

Mth 499. Fourier Analysis. (g) 4 credit hours.

An introduction to the basic concepts of Fourier transforms, Fourier Series and Fourier Integrals, with an emphasis on applications. Prerequisite: sequence in calculus. Freeman. Meets 2:30 M-F.

Mth 501. Research.

Credit hours to be arranged.

Mth 503. Thesis.

Credit hours to be arranged.

Mth 505. Reading and Conference.

Credit hours to be arranged.

Mth 507. Seminar.

Recent Developments in Mathematical Research. 4 credit hours.

A series of lectures designed to be of special interest to the academic year departmental graduate students who choose to continue their studies during the summer. The topics to be discussed will be selected from recent important developments in mathematics. Departmental consent required. Meets 1:30-3:20 Tu, Th.

Additional courses

FIRST FOUR WEEKS

Mth 407. Seminar. (g) 2 credit hours.

The following seminar topics are scheduled for the dates shown. Each is for 2 credit hours and may be taken for graduate credit by nonmajors.

Game Theory.

June 24-July 18. An introduction to the theory of games of strategy—a mathematical theory of decision-making in situations where the outcome is affected by the participants in a competitive environment. Restricted to games with two participants where the gains of one are the losses of the other. Prerequisite: one year of college mathematics. Van Buskirk. Meets 8:30 M-F.

Transfinite Arithmetic.

June 24-July 18. Sets and their cardinal numbers; ordered sets; well-ordered sets and their ordinal numbers; applications. Prerequisite: one year of college mathematics. Meets 9:30 M-F.

The Historical Development of Analytic Geometry.

June 24-July 18. Participants will first read Descartes's work laying the foundations of analytic geometry. The subsequent study of conic sections will lead to a study of rational parameterizations of algebraic curves (a beautiful concept which, unhappily, has been pushed out of the undergraduate curriculum). Several examples of such parameterizations and their number theoretic applications will be considered. The course concludes with a proof that rational parameterization is not always possible and a sketch of the work of geometers of the later 19th century who attempted to circumvent this impossibility. Koch. Meets 10:30 M-F.

Perfect Numbers.

June 24-July 18. A self-contained exposition of the search for numbers, such as $28 = 1 + 2 + 4 + 7 + 14$, which are the sum of their (proper) divisors. The most recent discovery of such a so-called perfect number was made in 1971. Prerequisite: one year of college mathematics. Meets 10:30 M-F.

Mathematical Symmetry.

June 24-July 18. Symmetry properties of objects occurring in architecture, art and the natural sciences; an analysis of reflections, rotations, translations and glide reflections; the concept

of a group of symmetries. Prerequisite: one year of college mathematics. Jacobs. Meets 2:30 M-F.

Mth 457. Foundations of Arithmetic. (g) 2 credit hours.

June 24-July 18. An axiomatic development of the number system of arithmetic; critical examination of number theoretic techniques; other topics as time permits. Prerequisite: one year of college mathematics. Meets 11:30 M-F.

Mth 462. Combinatorial Analysis. (g) 2 credit hours.

June 24-July 18. Techniques for determining the number of ways of performing a well-defined operation in cases where direct enumeration is impractical. Prerequisite: One year of college mathematics including a knowledge of permutations and combinations. Niven. Meets 9:30 M-F.

Mth 589. Geometry: Nonconstructability. 2 credit hours.

June 24-July 18. Construction problems in plane geometry where construction cannot be accomplished with straightedge and compass. The classical problems of trisecting an angle, constructing a square having the same area as a given circle, constructing the edge of a cube having twice the volume of a given cube, constructing regular polygons. Prerequisite: open to mathematics teachers who have previously taken or are concurrently enrolled in, Mth 411 or by departmental consent. Anderson. Meets 12:30 M-F.

SECOND FOUR WEEKS

Mth 407. Seminar. (g) 2 credit hours.

The following seminar topics are scheduled for the dates shown. Each is for 2 credit hours and be taken for graduate credit by nonmajors.

Graph Theory.

July 21-August 15. An introduction to the theory of networks consisting of points interconnected by line segments; with applications to problems of transportation, pipeline network flows and matchings, as well as to several entertaining puzzles. Prerequisite: one year of college mathematics. Van Buskirk. Meets 8:30 M-F.

Boolean Algebras.

July 21-August 15. An axiomatic introduction to the theory of Boolean algebras, including several examples of this exceedingly rich algebraic theory: the algebra of sets, the algebra of logical propositions, and Shannon's algebra of networks of switches. Prerequisite: one year of college mathematics. Meets 9:30 M-F.

Cryptanalysis.

July 21-August 15. An introduction to the basic techniques of decipherment—the mathematical aspects of reading messages which have had their meanings concealed by codes. Prerequisite: one year of college mathematics. Meets 12:30 M-F.

Mth 458. Foundations of Algebra. (g) 2 credit hours.

July 21-August 15. An axiomatic development of elementary algebra; critical examination of algebraic techniques with special reference to the solution of equations; other topics as time permits. Prerequisite: Mth 457 Foundations of Arithmetic or departmental consent. Meets 11:30 M-F.

Mth 498. Pre-Measure Theory. (g) 2 credit hours.

July 21-August 15. Consideration of the question of rigorously assigning areas to plane figures in a manner consistent with commonly preconceived notions of additive measure of areas. A study precursory to that of measure theory, a basic tool of analysis and probability. Prerequisite: one year of college mathematics. Meets 10:30 M-F.

Mth 507. Seminar.

Problem Solving for Teachers. 2 credit hours.

July 21-August 15. Designed for teachers who wish to grow in their understanding and abilities in solving problems and who wish to develop their students' abilities in this area. This is an opportunity for individuals to solve mathematical problems which are stated in elementary terms and do not require specific mathematical knowledge but do require insight, ingenuity, and creative work in their solutions. Prerequisite: teaching experience or departmental consent. Meets 1:30 M-F.

Philosophy

Department Head, Arnulf Zweig, Ph.D., Professor (history of philosophy; philosophy of law; ethics).

John W. Cook, Ph.D., Professor (Wittgenstein; philosophy of social science; existentialism).

Robert T. Herbert, Ph.D., Associate Professor (philosophy of religion; aesthetics).

Don S. Levi, Ph.D., Associate Professor (logic; philosophy of mathematics; contemporary social and moral thought).

Eight-week session (June 24-August 15)

Phl 201. Elementary Ethics. 3 credit hours.

The philosophical study of morality, e.g., ethical relativism, the justification of moral judgments, the concepts of duty, right and wrong. Levi. Meets 11:30 M, Tu, W, Th.

Phl 204. Introduction to Philosophy of Religion. 3 credit hours.

Examination of disputes between theism and atheism, e.g., Freud and Christianity, the argument from evil. Arguments for God's existence examined. Are religious concepts incoherent, e.g., "God," "soul," "life after death"? Herbert. Meets 10:30 M, Tu, W, Th.

Phl 212. Existentialism. 3 credit hours.

The basic ideas of the Christian and atheistic divisions of the existentialist movement; reading of selected works of Kierkegaard, Jaspers, Heidegger, and Sartre; some attention to precursors and to the general modern philosophical situation which has generated the existentialist rebellion. Cook. Meets 1:30-3:20 Tu, Th.

Phl 306. History of Modern Philosophy. 3 credit hours.

Survey of the history of western philosophy in the 20th century: Pragmatism, Existentialism, Positivism, Analytic Philosophy. Zweig. Meets 9:30 M, Tu, W, Th.

Phl 405. Reading and Conference.

Credit hours to be arranged.

Phl 501. Research.

Credit hours to be arranged.

Phl 503. Thesis.

Credit hours to be arranged.

Phl 505. Reading and Conference.

Credit hours to be arranged.

Physics

Department Head, Marvin D. Girardeau, Ph.D., Professor (many-body theory, statistical mechanics).

Edwin G. Ebbighausen, Ph.D., Professor (astronomy).

Jack C. Overley, Ph.D., Associate Professor (nuclear physics).

Robert L. Zimmerman, Ph.D., Associate Professor (general relativity).

Eight-week session (June 24-August 15)

GS 104. Physical Science Survey. 3 credit hours.

General introduction to the physical sciences; principles of physics and chemistry, and man's relation to them. Emphasis on scientific method. GS 104, GS 105, and GS 106 need not be taken in sequence and may be taken concurrently. Overley. Meets 8:30 M, Tu, W, Th.

GS 105. Physical Science Survey. 3 credit hours.

Description: see GS 104. Zimmerman. Meets 9:30 M, Tu, W, Th.

GS 106. Physical Science Survey. 3 credit hours.

Description: see GS 104. Overley. Meets 10:30 M, Tu, W, Th.

Ph 108. Elementary Astronomy: The Solar System. 3 credit hours.

Introduction to solar astronomy. Brief discussion of the solar system, including the sun, the individual planets and their motions and satellites, the origin, nature and behavior of comets, meteorites, and the origin of the solar system. Need not be taken in sequence with Ph 109. Ebbighausen. Meets 11:30 M, Tu, W, Th.

Ph 109. Elementary Astronomy: The Stellar System. 3 credit hours.

Introduction to stellar astronomy. Brief discussion of individual stars and their properties, double stars, star clusters, the details of our galaxy, the universe of galaxies, and the expanding universe. Need not be taken in sequence with Ph 108. Ebbighausen. Meets 1:30 M, Tu, W, Th.

Ph 112. Space, Time, and Motion. 3 credit hours.

Interpretation of the fundamental properties of space, time, and motion. Newton's laws of motion are postulated and applied, and Newtonian concepts of space and time are discussed. The properties of light are reviewed and shown to be inconsistent with Newtonian concepts. The development of the special and general theories of relativity are traced, and relativistic concepts extended to include the effects of gravity on space-time. Prerequisite: High school algebra. Overlay. Meets 12:30 M, Tu, W, Th.

Ph 321. Elements of Classical Physics. 4 credit hours.

An intermediate treatment of mechanics, electricity and magnetism, and thermal physics. This course is especially suitable for students who plan to teach science subjects in secondary schools. Not open to students who have credit for Ph 324, 325, 326. Zimmerman. Meets 1:30 M-F.

Ph 401. Research.

Credit hours to be arranged.

Ph 405. Reading and Conference.

Credit hours to be arranged.

Ph 419. Elements of Atomic, Nuclear and Solid State Physics. (g) 4 credit hours.

An introductory treatment of atomic, nuclear, and solid state physics with emphasis on the experimental foundation of these subjects. Topics covered include relativity; atomic structure; optical and X-ray spectra; nuclear reactions; fundamental particles; particle accelerators; crystal structures; and properties of metals, insulators, and semi-conductors. Designed primarily for students preparing for secondary school science teaching. Not open to students who have credit for Ph 421, 422, 423. Prerequisite: general physics and calculus. Zimmerman. Meets 11:30 M-F.

Ph 501. Research.

Credit hours to be arranged.

Ph 503. Thesis.

Credit hours to be arranged.

Ph 505. Reading and Conference.

Credit hours to be arranged.

Political Science

Department Head, Daniel Goldrich, Ph.D., Professor (American political development; citizenship in the corporate state).

David Finlay, Ph.D., Professor (international relations theory; students and politics in developing nations; West African politics).

Joseph R. Fiszman, Ph.D., Professor (Eastern Europe, comparative Communist systems; Soviet-Eastern European political literature).

Arthur M. Hanhardt, Jr., Ph.D., Professor (comparative political systems).

James R. Klonoski, Ph.D., Professor (constitutional law and politics; American government and politics; political system of Oregon.)

Judith Merkle, Ph.D., Assistant Professor (organization theory; women's politics).

Joyce M. Mitchell, Ph.D., Professor (public policy; legislative politics).

William C. Mitchell, Ph.D., Professor (use of economic models in the analysis of public policy making).

Parkes Riley, Ph.D., Assistant Professor (comparative politics; South Asian politics).

Peter R. Schneider, Ph.D., Assistant Professor (cross-national political analysis; quantitative approaches to international politics).

Eight-week session (June 24-August 15)**PS 100. American Government. 3 credit hours.**

Present condition of American government and politics, attitude of citizenry toward politics; political participation and apathy; Watergate and Richard Nixon; political parties; the 1974 and 1976 elections; money and politics; politics and government. Klonoski. Meets 10:30-12:20 M, W.

PS 105. Crisis and Response in International Politics. 3 credit hours.

Examination of some of the persistent crisis areas in contemporary international relations; Middle East, world population, the Common Market, and war. Current developments and their analysis. Lectures, discussions, guest speakers, midterm, and final. Hanhardt. Meets 8:30-10:20 Tu, Th.

PS 321. Introduction to Political Analysis. 3 credit hours.

Allocative aspects of politics are explored with special reference to the United States and western democracies. W. Mitchell. Meets 10:30-12:20 Tu, Th.

PS 325. World Politics. 5 credit hours.

American foreign policy and its relationship with (1) American society; (2) foreign societies and governments, and (3) world society. Analysis of national goals and objectives, instruments of foreign policy, and the consequences of policy decisions. Schneider. Meets 8:30-10:20 M, W.

PS 337. Southern Asia in Modern Times. 5 credit hours.

Historical background and contemporary political systems and major problems of India, Pakistan, Bangladesh, and Sri Lanka since 1947. Riley. Meets 1:30-3:20 Tu, Th.

PS 403. Thesis.

Credit hours to be arranged with instructor.

PS 405. Reading and Conference.

Credit hours to be arranged with instructor.

PS 406. Supervised Field Study.

Credit hours to be arranged with instructor.

PS 407. Seminar. (G)

The following seminar topics and credit hours are scheduled. Other topics and credits may be arranged.

Women in Politics. (G) 3 credit hours.

Women's relationships to a political order from which they were traditionally excluded; nature of political organization in relation to the question of women's attempts to obtain full rights of political participations in traditional political systems and revolutionary regimes. Examination of the new feminist literature that presents relations between the sexes as a primarily "political" problem, and the literature which defends the established order by describing such relations as biological. Analogy to racism, implications of class and race discrimination. Merkle. Meets 1:30-3:20 M, W.

Conflict and Conflict Management. (G) 3 credit hours.

Functions of conflict emphasizing psychological and social processes by which individuals and groups cope with internal and external conflicts. Combination of experiential learning and traditional discussion of assigned readings. Restricted to upper-division and graduate students. Finlay. Meets 1:30-5:20 M.

PS 409. Supervised Tutoring Practicum. 1-3 credit hours.

Credit hours to be arranged with instructor.

PS 427. Government and Politics of the Soviet Union. (G) 3 credit hours.

The historical and ideological foundations of the Soviet system, developmental stages, institutions and practices. Fiszman. Meets 2:30-4:20 Tu, Th.

PS 488. The Policy Process. (G) 3 credit hours.

Patterns and processes of influence over United States policy-making in context of socio-economic development; prevailing theories of power in policymaking, methods of testing these theories; case studies; collegial decision bodies such as committees, councils, commissions. J. Mitchell. Meets 10:30-12:20 Tu, Th.

PS 501. Research.

Credit hours to be arranged with instructor.

PS 503. Thesis.

Credit hours to be arranged with instructor.

PS 505. Reading and Conference.

Credit hours to be arranged with instructor.

PS 507. Seminar.

Credit hours to be arranged with instructor.

PS 509. Teaching Practicum. 1-5 credit hours.

To be arranged with instructor.

Additional courses**PS 407. Seminar.****Development Politics: Individual and Community. (G) 3 credit hours.**

June 24-July 18. Requisites for individual and community development from an ecological perspective; theoretical literature and relevant experiments analyzed. Relationship between technology and development; tendency for polarity between self-indulgence and self-denial, structural and individual change, and conditions for their integration; principles of struggle and engagement; consequences of repression and liberation of the organic; theory and research in moral development. Goldrich. Meets 1:30-5:00 Tu, Th.

Politics of Aging. 1 credit hour.

July 18-20. This seminar concentrates on comparative politics of aging and policy-making by and for the aged population. Meets 7:00-10:00 Friday evening and 9:30-4:20 Saturday, Sunday.

Psychology

Department Head, Robert F. Fagot, Professor (measurement theory, choice theory, psychophysics).

Eleven-week session (June 24-September 5) courses offered in two sequences, 211-213 and 214-216, first term June 24-July 18; second term July 21-August 15; third term, August 18-September 5.

Psy 211. Sensation and Perception. 4 credit hours.

June 24-July 18. Introduction to sensory processes; demonstrations. Meets 8:30-10:20 M-F.

Psy 212. Learning, Thinking, Conditioning. 4 credit hours.

July 21-August 15. Classical and operant conditioning; acquisition, retention, and utilization of information and behavior; demonstrations. Meets 8:30-10:20 M-F.

Psy 213. Introduction to Physiological Psychology. 4 credit hours.

August 18-September 5. Relation of brain to behavior; biological and physiological conditioning of motivated behavior; demonstrations. Meets 8:30-10:20 M-F.

Psy 214. Personality. 4 credit hours.

June 24-July 18. Perceptual processes; conditioning and learning; data and theories considered toward social behavior; demonstrations. Meets 8:30-10:20 M-F.

Psy 215. Developmental. 4 credit hours.

July 21-August 15. Species, individual, and cultural sources of social behavior; developmental processes involved in formation of individual and social types of behavior, including attitudes, beliefs, and pathologies; demonstrations. Meets 8:30-10:20 M-F.

Psy 216. Social Psychology. 4 credit hours.

August 18-September 5. Assessment, structure, function, and modification of adult personality and behavior; individual differences in various aspects of personality and behavior studies; demonstrations. Meets 8:30-10:20 M-F.

Psy 401. Research.

Credit hours to be arranged.

Psy 403. Thesis.

Credit hours to be arranged.

Psy 405. Reading and Conference.

Credit hours to be arranged.

Psy 501. Seminar.

Credit hours to be arranged.

Psy 503. Thesis.

Credit hours to be arranged.

Psy 505. Reading and Conference.

Credit hours to be arranged.

Psy 507. Seminar.

Credit hours to be arranged.

Psy 509. Practicum.

Credit hours to be arranged.

Eight-week session (June 24-August 15)**Psy 324. Quantitative Methods in Psychology. 4 credit hours.**

Methods which psychologists have devised for summarizing, describing, and interpreting information from field observations, clinical work, interviews, sensory judgments, learning trials, tests, and experiments. Lectures and supervised workshops. Meets 9:30 M, Tu, W, Th.

Psy 407. Seminar.**Humanistic. (g) 3 credit hours.**

The philosophy and theories of personality propounded by the major figures in the so-called "Third Force" school of psychology (e.g., Maslow, Rogers, Allport, Murray, Jourard, Buhler). The differences in logical assumptions, research methods, and theoretical implications which distinguish humanistic psychology from behavioristic, psychoanalytic, cognitive, existential, and transpersonal theories of personal theories of personality. Prerequisite: Psy 451, or consent of department head. Meets 11:30 M, Tu, W, Th.

Behavior Modification. (g) 3 credit hours.

An introductory survey. Theory and application of behavior modification and empirical support. Meets 8:30 M, Tu, W, Th.

Psy 414. Psychology of Learning. (g) 3 credit hours.

Fundamental concepts of conditioning, rote-learning, discrimination, problem-solving, memory, and motor skills. Theory and experimental literature. Psy 324 or equivalent strongly recommended as preparation for this course. Meets 10:30 M, Tu, W, Th.

Psy 423. Human Performance. (g) 3 credit hours.

Unified approach to complexities of skilled human performance; capacities and limitations in human ability and performance; applications of performance principles to the study of human-machine systems. Prerequisite: Psy 324 or equivalent. Meets 10:30 M, Tu, W, Th.

Psy 426. Thinking. (G) 3 credit hours.

Learning and use of concepts; problem-solving; decision-making; cognitive development and creativity. Prerequisite: Psy 414 or equivalent. Meets 11:30 M, Tu, W, Th.

Psy 429. Psychology of Perception. (g) 3 credit hours.

Survey of fundamental concepts of vision, audition, somesthesia, etc. Psychophysiological factors and psychophysical methodology. Psy 324 strongly recommended as preparation. Meets 1:30 M, Tu, W, Th.

Psy 446. Brain Mechanisms of Behavior. (g) 3 credit hours.

The functional organization of the mammalian brain, including that of man. Brain mechanism of sensation, perception, arousal, and vigilance; reproductive behavior; memory. Prerequisite: previous work in biology or Psy 213. 1:30 M, Tu, W, Th.

Psy 456. Social Psychology: Attitudes and Social Behavior. (G) 3 credit hours.

Examination of the factors that lead to the development, maintenance, and modification of social attitudes and beliefs; theory and research on human aggression, prejudice, and altruism examined in order to analyze the attitudinal and situational components of social behavior. Meets 11:30 M, Tu, W, Th.

Psy 465. Group and Individual Differences. (g) 3 credit hours.

Basic principles for quantitative assessment of human characteristics; research findings concerning intelligence, achievement aptitudes, interests, and personality; group differences related to sex, age, social class, race, nationality. Psy 324 or equivalent recommended as preparation for this course. 8:30 M, Tu, W, Th.

Psy 470. Principles and Methods of Psychological Assessment. (g) 3 credit hours.

Application of psychological methods to the study of the individual; theoretical and statistical rationale of test construction and interpretation; problems involved in the prediction of human behavior; survey of psychological assessment techniques. Prerequisite: Psy 324 or Math 423, or equivalent. Meets 9:30 M, Tu, W, Th.

Psy 475. Cognitive Development. (G) 3 credit hours.

Intellectual development in children; classical and operant conditioning, memory, attention and concept formation; perceptual, motor, and language development. Prerequisite: prior course work in learning, or consent of department head. Meets 12:30 M, Tu, W, Th.

Psy 479. Psychology of Sex Differences. (G) 3 credit hours.

A broad view of the development of sex differences, considering biological differences, societal sex roles and sex typing, personality theorists' view of the woman, and the differential status of girl and boy, man and woman throughout the life cycle. Prerequisite: prior course work in psychology. Meets 2:30 M, Tu, W, Th.

Psy 480. Abnormal Psychology. (g) 3 credit hours.

Various forms of unusual behavior, including anxiety states, hysteria, hypnotic phenomena, and psychoses. Normal motives and adjustments considered in their exaggerations in the so-called neurotic person. Psy 324 recommended as preparation for this course. Meets 8:30 M, Tu, W, Th.

Psy 488. Human Sexual Behavior. (g) 3 credit hours.

The nature of human sexuality; hormonal, instinctual, and learned factors in sexuality; psychosexual development; frequency and significance of various types of sexual behavior; sexual inadequacy; homosexuality; sexual deviation. Meets 11:30 M, Tu, W, Th.

Religious Studies

Department Head, Jack T. Sanders, Ph.D., Associate Professor (biblical studies).

Hee-Jin Kim, Ph.D., Visiting Assistant Professor (eastern religions).

Stephen C. Reynolds, Ph.D., Associate Professor (history of western religious thought).

G. Douglas Straton, Ph.D., Professor (philosophy of religion and ethics).

Eight-week session (June 24-August 15)

R 201. Great Religions of the World (I). 3 credit hours.

Study of the Hindu and Buddhist traditions. Special attention to the philosophy of these religions as shown in their classic texts. Straton. Meets 10:30 M, Tu, W, Th.

R 202. Great Religions of the World (II). 3 credit hours.

Study of Confucianism, Taoism, and Shinto. Special attention to the philosophy of these religions as shown in their classic scriptures. Reynolds. Meets 9:30 M, Tu, W, Th.

R 405. Reading and Conference.

Credit hours to be arranged.

R 407. Seminar.**Varieties of Eastern Meditation. (g) 3 credit hours.**

A historical, phenomenological, and critical examination of some representative forms of meditation and yoga which are practiced in Hinduism, Buddhism, and Taoism. Kim. Meets 2:30 M, Tu, W, Th.

Additional courses

R 407. Seminar.**Teaching Religion in Public Schools. (g) 2 credit hours.**

June 16-20. An intensive short course designed to provide high school and junior high school social studies teachers with information about methods and curricular materials for use in teaching religious studies. Staff. Meets 9:30-12:00 and 2:00-4:30 M-F.

Romance Languages

Department Head, Perry J. Powers, Ph.D., Professor (Spanish).

Jorge Ayora, Ph.D., Assistant Professor (Spanish).

Reba C. Charles, M.A., Instructor (French).

David Curland, M.A., Senior Instructor (Spanish).

Richard H. Desroches, Ph.D., Associate Professor (French).

Colette M. Freitag, M.A., Instructor (French).

Sylvia Giustina, M.A., Instructor (Italian).

Laura Hager, M.A., Visiting Acting Assistant Professor (Italian).

Emmanuel Hatzantonis, Ph.D., Professor (Italian).

Robert M. Jackson, Ph.D., Assistant Professor (Spanish).

Steven F. Rendall, Ph.D., Associate Professor (French).

Manuel Rivera, Ph.D., Visiting Acting Assistant Professor, Santa Barbara City College (Spanish).

French

Eleven-week session (June 24-September 5) courses offered in sequence, first term June 24-July 18; second term July 21-August 15; third term August 18-September 5.

RL 50, 51, 52. First-Year French. 4 credit hours first two terms; 3 credit hours third term.

Three-term sequence. An introduction to the language, stressing reading, comprehension of the spoken tongue, and the basic principles of French grammar. Equivalent to first-year French given during the regular academic year. Staff. RL 50, three sections: 8:30-10:20 M-F; 10:30-12:20 M-F; 12:30-2:20 M-F.

RL 51, 52, two sections: 8:30-10:20 M-F; 10:30-12:20 M-F.

RL 101, 102, 103. Second-Year French. 4 credit hours first two terms; 3 credit hours third term.

Three-term sequence. Study of selections from representative authors; review of grammar; considerable attention to oral use of the language. Equivalent to second-year French given during the regular academic year. Staff. Two sections: 8:30-10:20 M-F, 10:30-12:20 M-F.

Eight-week session (June 24-August 15)

RL 407. Seminar.**Intensive Review of French Grammar. (G) 3 credit hours.**

Review of grammar points that traditionally present problems to the student. Flexibly structured to accommodate intermediate and advanced undergraduates. Special attention to needs of teachers and prospective teachers. Prerequisite: at least two years of college French or the equivalent. Desroches. 9:30-10:20 M, Tu, W, Th.

La Fontaine. (G) 3 credit hours.

Intensive study of the *Fables* and some of the *Contes*. Rendall. 1:30-3:20 Tu, Th.

Explication de Textes. (G) 4 credit hours.

Theory and practice of textual analysis, demonstration of methods by the instructor, oral and written application by the students to selected passages of Prose and Poetry. First four weeks (prose). Desroches. Second four weeks (poetry). Rendall. 1:30-3:20 M, W.

RL 503. Thesis.

Credit hours to be arranged.

RL 505. Reading and Conference.

Credit hours to be arranged.

Italian

Eleven-week session (June 24-September 5) courses offered in sequence, first term June 24-July 18; second term July 21-August 15; third term August 18-September 5.

RL 70, 71, 72. First-Year Italian. 4 credit hours first two terms; 3 credit hours third term.

Three-term sequence. Grammar, pronunciation, composition, and translation of modern authors. Equivalent to first-year Italian given during the regular academic year. Staff. 8:30-10:20 M-F.

Eight-week session (June 24-August 15)**RL 405. Reading and Conference.**

Credit hours to be arranged.

RL 407. Seminar.**Pirandello and his Influence. (G) 3 credit hours.**

The course will cover several plays, (*Enrico IV, Sei personaggi in cerca d'autore*, etc.) a selection of short stories and the novel *Il fu Mattia Pascal*, and will explore the influence of Pirandello's philosophy on European theater, with special reference to selected English and French dramatists. Giustina. 1:30-3:20 Tu, Th.

RL 503. Thesis.

Credit hours to be arranged.

RL 505. Reading and Conference.

Credit hours to be arranged.

Additional courses**RL 408. Summer Session at Perugia. 12-15 credit hours.**

July 1-August 23. Session on language and culture at Italian University for Foreigners, Perugia, Italy. One year of Italian recommended. Interested persons should apply to the Department of Romance Languages. Hatzantonis.

Spanish

Eleven-week session (June 24-September 5) courses offered in sequence, first term June 24-July 18; second term July 21-August 15; third term August 18-September 5.

RL 60, 61, 62. First-Year Spanish. 4 credit hours first two terms; 3 credit hours third term.

Three-term sequence. An introduction to Spanish, stressing speaking and reading; exercises in elementary composition. Equivalent to first-year Spanish given during the regular academic year. Staff. RL 60, 61, three sections: 8:30-10:20 M-F; 10:30-12:20 M-F; 12:30-2:20 M-F.

RL 62, two sections: 8:30-10:20 M-F; 10:30-12:20 M-F.

RL 107, 108, 109. Second-Year Spanish. 4 credit hours first two terms; 3 credit hours third term.

Three-term sequence. Intensive oral and written exercises designed to help the student acquire an accurate and fluent use of Spanish. Study of selections from representative authors. Equivalent to second-year Spanish given during the regular academic year. Aguirre and staff. 8:30-10:20 M-F.

Eight-week session (June 24-August 15)**RL 407. Seminar.****Intensive Review of Spanish Grammar. (G) 3 credit hours.**

Review of grammar points that traditionally present problems to the student. Flexibly structured to accommodate intermediate and advanced undergraduates. Special attention to needs of teachers and prospective teachers. Prerequisite: at least two years of college Spanish or the equivalent. Gomez. 1:30-2:20 M, Tu, W, Th.

Existentialism in Spanish America. (G) 3 credit hours.

Discussion, interpretation and reading of the major authors, novelists and essayists, who shaped the broad mood of Existentialism in Spanish America. Ayora. 2:30-3:20 M, Tu, W, Th.

Spanish Romanticism. (G) 4 credit hours.

Study of the major works of theater, poetry and essay. Consideration of "Romantic Spain" as a topic in other literatures. Jackson. 9:30-10:20 M, Tu, W, Th.

RL 503. Thesis.

Credit hours to be arranged.

RL 505. Reading and Conference.

Credit hours to be arranged.

Additional courses**RL 408. Workshop in Mexico. 12 credit hours.**

June 24-August 15. Intensive study of Spanish at different levels in Cuernavaca, Mexico. Prerequisite: one year of Spanish, plus instructor's consent. Curland.

Institute for Teachers of Modern Languages

The Institute is designed to provide teachers of French or Spanish with courses which will improve their teaching skills. It is possible for participants to select any combination of course units. Credit earned is applicable to the Standard Teacher's Certificate of the State of Oregon.

French

RL 508. Workshop.**Pronunciation and Phonetics. 2 credit hours.**

June 24-July 18. Freitag. 8:30-9:20 M, Tu, W, Th.

Applied Linguistics. 2 credit hours.

July 21-August 15. Problems of teaching French Grammar to English speakers. Charles. 8:30-9:20 M, Tu, W, Th.

La France contemporaine. 3 credit hours.

June 24-July 18. L'étude des problèmes de la vie moderne en France: problèmes économiques, politiques et sociaux. Utilisation des documents récents tels que journaux, revues, films, etc. En français. 11:30-12:20 M, Tu, W, Th.

Spanish

RL 508. Workshop.**España Siglo XX. 3 credit hours.**

June 24-August 15. Consideraciones sobre los grandes problemas sociológicos de la España moderna junto con un panorama de los movimientos culturales más destacados de este siglo. En español. Jackson. 10:30-11:20 M, Tu, W.

La literatura, cultura y problemas de los Chicanos. 3 credit hours.

June 24-July 18. Aspectos de la literatura, cultura y problemas de los Chicanos de interés especial para los maestros de español. En español. Rivera. 3:30-5:20 Tu, Th.

Pronunciation and Phonetics. 2 credit hours.

June 24-July 18. Johnston. 8:30-9:20 M, Tu, W, Th.

Applied Linguistics. 2 credit hours.

July 21-August 15. Problems of teaching Spanish grammar to English speakers. Johnston. 8:30-9:20 M, Tu, W, Th.

Sociology

Department Head, Richard J. Hill, Ph.D., Professor (methodology, social psychology, formal theory).

Joan R. Acker, Ph.D., Associate Professor (stratification, social welfare, organizations and occupations, sociology of women).

Lawrence R. Carter, Ph.D., Assistant Professor, Associate Department Head (demography, human ecology, urban sociology).

Richard P. Gale, Ph.D., Associate Professor (environment, industrial sociology, development).

Marion Goldman, Ph.D., Assistant Professor (sociology of law, sociology of women, collective behavior).

Daniel Gordon, Ph.D., Associate Professor (urban sociology, sociology of law, ecology).

Jay Jackson, Ph.D., Professor (social psychology, role theory, organizational theory).

Kenneth Polk, Ph.D., Professor (delinquency and criminology, methodology).

Albert Szymanski, Ph.D., Assistant Professor (stratification, social movements, theory, comparative sociology).

Donald R. Van Houten, Ph.D., Associate Professor (complex organizations, sociology of occupations, sociological theory).

Eight-week session (June 24-August 15)**Soc 306. Social Psychology. 3 credit hours.**

Introductory course in social psychology, integrating psychological and sociological perspectives: behaviorist, cognitive, dynamic personality, and role theoretical orientations to issues of aggression, attitude formation and change, interpersonal attraction, social influence and conformity, group membership, and leadership. Prerequisite: Soc 201. Jackson. Meets 1:30 M, Tu, W, Th.

Soc 401. Research.

Credit hours to be arranged.

Soc 405. Reading and Conference.

Credit hours to be arranged.

Soc 406. Supervised Field Study.

Credit hours to be arranged. Carter.

Soc 431. Group Dynamics. (G) 3 credit hours.

Group problem-solving and effective leadership and participation. Emphasis on development of skills in problem-solving groups through group exercises and projects. Jackson. Meets 7:00-10:50 Tuesday evenings.

Soc 440. Criminology and Delinquency. (G) 3 credit hours.

The nature and extent of delinquency and crime as forms of deviant social behavior; contributing factors; current prevention and treatment programs. Prerequisite: Soc 201. Polk. Meets 8:30 M, Tu, W, Th.

Soc 491. Sociology of Education. (G) 3 credit hours.

Analysis of the major functions of education for the larger society; effects of societal change on education; the school and the community; the school as a social system. Prerequisite: 9 credit hours in sociology. Polk. Meets 9:30 M, Tu, W, Th.

Soc 501. Research.

Credit hours to be arranged.

Soc 503. Thesis.

Credit hours to be arranged.

Soc 505. Reading and Conference.

Credit hours to be arranged.

Soc 506. Supervised Field Study.

Credit hours to be arranged. Carter.

Soc 507. Seminar. 3 credit hours.**NIMH Seminar.**

Registration restricted to NIMH trainees. Hill.

Additional courses**Soc 201. Introduction to Sociology. 3 credit hours.**

June 24-July 18; July 21-August 15. Introduction to the sociological perspective with emphasis on fundamental concepts, theories, and methods of research. First four weeks, Gale. Meets 10:30-12:20 M, Tu, W, Th. Second four weeks, Goldman. Meets 8:30-10:20 M, Tu, W, Th.

Soc 211. Social Deviancy and Social Control. 3 credit hours.

July 21-August 15. Concepts of deviance, theories explaining deviant behavior, and mechanisms for the social control of deviance. Prerequisite: Soc 201. Goldman. Meets 12:30-2:20 M, Tu, W, Th.

Soc 213. Organizations and Occupations. 3 credit hours.

June 24-July 18. An examination of the nature and consequences of bureaucracies and bureaucratization in modern society, work and careers, technology and alienation. Prerequisite: Soc 201. Van Houten. Meets 1:30-3:20 M, Tu, W, Th.

Soc 215. Social Issues and Social Movements. 3 credit hours.

July 21-August 15. Contemporary social issues viewed from a sociological perspective. Poverty, racism, militarism, and other issues are related to the social structure of American society. Social movements and ideologies related to these issues are examined. Prerequisite: Soc 201. Szymanski. Meets 2:30-4:20 M, Tu, W, Th.

Soc 216. Introduction to the Sociology of Women. 3 credit hours.

June 24-July 18. Survey of major aspects of the position of women in contemporary society including examination of theoretical approaches to the study of woman; relationship of the position of women to the family structure and the economic system; the special position of minority women; and the development of the

feminist movement. Prerequisite: Soc 201. Acker. Meets 8:30-10:20 M, Tu, W, Th.

Soc 303. World Population and Social Structure. 3 credit hours.

June 24-July 18. Introduction to population studies, providing within a sociological framework an analysis of historical, contemporary, and anticipated population conditions and trends, as they are related to social situations and the organization of society. Prerequisite: Soc 201. Gale. Meets 2:30-4:20 M, Tu, W, Th.

Soc 304. The Community. 3 credit hours.

July 21-August 15. Analysis of the structure and organization of human communities. Prerequisite: Soc 201 or Soc 300. Gordon. Meets 10:30-12:20 M, Tu, W, Th.

Soc 442. Urbanization and the City. (G) 3 credit hours.

June 24-July 18. Determinants and consequences of urbanization under different conditions; the city as a social and ecological system. Prerequisite: 9 credit hours in sociology. Carter. Meets 10:30-12:20 M, Tu, W, Th.

Soc 446. Sociology of Work. (G) 3 credit hours.

June 24-July 18. Sociological analysis of work in pre-industrial and industrial societies; the impact of industrial systems and technology on occupational structure, labor force, labor commitment, the meaning of work, bureaucratization, and industrial organization. Prerequisite: 9 credit hours in sociology. Van Houten. Meets 10:30-12:20 M, Tu, W, Th.

Soc 449. Social Change. (G) 3 credit hours.

July 21-August 15. Analysis of the processes, characteristics, and conditions of change in large social systems; systematic examination of various theoretical problems and formulations. Prerequisite: 9 credit hours in sociology. Gordon. Meets 2:30-4:20 M, Tu, W, Th.

Soc 455. Sociology of Women. (G) 3 credit hours.

July 21-August 15. Examination of the major theoretical explanations of the disadvantaged position of women; the relationship of the position of women to family structure, the economic system, and other structural dimensions of the society; social processes which perpetuate the present structuring of sex roles; the development of the feminist movement and prospects for the achievement of its goals. Prerequisite: introductory course in women's studies, or consent of instructor. Acker. Meets 7:00-10:50 M, W evenings.

Soc 465. Political Sociology. (G) 3 credit hours.

July 21-August 15. Sociological theories and concepts brought to bear on the analysis of various aspects of political theory and behavior; social bases of power and policy determination; institutional interrelationships; intellectuals and ideologies; political trends and change; political participation and membership. Prerequisite: 9 credit hours in sociology. Szymanski. Meets 12:30-2:20 M, Tu, W, Th.

Speech

Department Head, Carl W. Carmichael, Ph.D., Associate Professor (language and communication).

David E. Amick, M.A., Acting Visiting Assistant Professor (rhetorical theory, nonverbal communication).

James K. Carroll, M.A., Assistant Professor (broadcast communication).

Jean V. Cutler, Ph.D., Professor (theater).

Faber B. DeChaine, Ph.D., Professor (theater).

William R. Elliott, Ph.D., Assistant Professor (broadcast communication).

Robert P. Friedman, Ph.D., Professor (argumentation, ethics of communication).

Ronald B. Gloekler, M.A., Assistant Professor (theater).

Elwood A. Kretsinger, Ph.D., Professor (broadcast communication).

Ronald E. Sherriffs, Ph.D., Associate Professor (broadcast communication).

J. Thibau, M.F.A., Visiting Assistant Professor (theater).

Carol A. Valentine, Ph.D., Visiting Assistant Professor (speech education).

Rhetoric and Communication

Eight-week session (June 24-August 15)

RhCm 121. Fundamentals of Speech Communication. 3 credit hours.

Projects in extempore speaking and analysis of the process of communication. Three sections: meets 8:30-9:20, 9:30-10:20, or 12:30-1:20 M, Tu, W, Th.

RhCm 122. Fundamentals of Persuasion. 3 credit hours.

Emphasis on message construction, organization, audience motivation, language, persuasion, and the preparation and presentation of persuasive speeches. Meets 1:30-2:20 M, Tu, W, Th.

RhCm 123. Fundamentals of Small Group Communication. 3 credit hours.

Emphasis on participation and analysis of interaction in the small group. Meets 11:30-12:20 M, Tu, W, Th.

RhCm 301. Theory and Literature of Rhetoric. 3 credit hours.

Selected readings on the principles of rhetoric and public address from Plato to modern times. Amick. Meets 11:30-12:20 M, Tu, W, Th.

RhCm 321. The Logic of Argument. 3 credit hours.

The study of principles of reasoning and evidence, particularly as they apply to oral discourse. Friedman. Meets 10:30-11:20 M, Tu, W, Th.

RhCm 323. Group Communication. 3 credit hours.

Study of interaction in group communication. Emphasis upon verbal and nonverbal factors relevant to group problem-solving. Valentine. Meets 2:30-4:20 Tu, Th.

RhCm 405. Reading and Conference.

The following reading and conference topics and credits are scheduled. Others topics and credit hours may be arranged.

Communication and Language. (G) 3 credit hours.

A survey of various approaches to the study of language focusing on theories of language orientation, language acquisition, general semantics, and various language experiments in communication research. Individual reading program and meeting once weekly with the professor for student reports. Carmichael. Meeting time to be arranged.

Speech Education. (G) 3 credit hours.

A survey of current journal articles, books, and materials. Individual reading program and meeting once weekly with the professor for student reports. Valentine. Meeting time to be arranged.

RhCm 407. Seminar.

The following seminar topics and credits are scheduled.

Communication Media and the Aging. (G) 3 credit hours.

Application of various human communication theories to the social problems of the elderly. The use of media both by the elderly as a substitute for social disengagement and by those who want to communicate more effectively with the aging population. Carmichael. Meets 12:30-2:20 M, W.

Philosophy of Speech Education. (G) 3 credit hours.

Review and discussion of contemporary philosophies of speech education with reference to Carl Rogers, the "encounter" movement, affective education, and other relevant literature. Students will prepare their personal philosophical position statements. Valentine. Meets 12:20-2:20 Tu, Th.

RhCm 409. Practicum.

Credit hours to be arranged.

RhCm 424. Ethics of Persuasion. (G) 3 credit hours.

Study of different positions on the ethics of persuasion, development of individual ethical postures for students in their own persuasive efforts, and ethical appraisals of contemporary persuasion. Friedman. Meets 8:30-10:20 Tu, Th.

RhCm 434. Nonverbal Communication. (G) 3 credit hours.

Aspects of the nonverbal dimensions of interpersonal communications. Psycholinguistic, psychiatric, kinesic, and perceptual theories of Hall, McLuhan, Birdwhistell, Ruesch, and others, with emphasis upon their contributions to the isolation and developments of the factors of time, space, form, material, and action. Amick. Meets 8:30-10:20 M, W.

RhCm 501. Research.

Credit hours to be arranged.

RhCm 503. Thesis.

Credit hours to be arranged.

RhCm 505. Reading and Conference.

Credit hours to be arranged.

RhCm 507. Seminar.

Credit hours to be arranged.

NOTE: The RhCm 507 seminar, Introduction to Graduate Study, will not be offered in summer 1975. Candidates for the master's degree who need this course to fulfill requirements, and who are pursuing the degree in summers only, may enroll in the Th 507 seminar, Introduction to Graduate Study.

RhCm 509. Practicum.

Credit hours to be arranged.

Additional courses

RhCm 408. Workshop.

Communication Media and the Aged. 1 credit hour.

July 25-27. A practical and theoretical consideration of communication with the aged via mass media. Carmichael. Meets 7:00-10:00 Friday evening and 9:30-4:20 Saturday, Sunday.

Broadcast Communication

Eight-week session (June 24-August 15)

BC 241. Fundamentals of Broadcasting. 3 credit hours.

General survey of broadcasting, including history, growth, social aspects, laws and policies, station and network organization, programming, the advertiser, the listener, public interest, standards of criticism, comparison of broadcast systems, international broadcasting. Elliott. Meets 11:30-12:20 M, Tu, W, Th.

BC 347. Radio-Television Script Writing. 3 credit hours.

Radio and television writing techniques; theory and practice in the writing of all major continuity types. Prerequisite: junior standing. Consent of instructor. Kretsinger. Meets 1:30-2:20 M, Tu, W, Th.

BC 405. Reading and Conference.

Credit hours to be arranged.

BC 407. Seminar. (G)

The following seminar is scheduled. Other topics and credit hours may be arranged.

Pornography and Violence in the Public Media. (G) 3 credit hours.

An analysis of the incidence and effects of sex and violence on public and commercial television and the regulations which govern their presentation. Sherriffs. Meets 9:30-10:20 M, Tu, W, Th.

BC 409. Practicum. (G)

Credit hours to be arranged.

BC 433. Theory of Mass Communication. (G) 3 credit hours.

Development of mass communication systems, special emphasis on role of the broadcast media in complex societies. Structure and functions of mass media considered in relation to several theories of mass communication. Analysis of the social context within which mass communication occurs. Elliott. Meets 2:30-3:20 M, Tu, W, Th.

BC 448. Radio-Television and the Public. (G) 3 credit hours.

Within the framework of the whole field of mass communications, this course attempts to clarify the purpose and role of broadcasting in the United States. Particular emphasis is given to defining the meaning of "public interest, convenience, and necessity" and to the probing and discussion of freedom, responsibility, and control as these concepts relate to the broadcaster, the government, and the public. Kretsinger. Meets 10:30-11:20 M, Tu, W, Th.

BC 449. Government Regulation of Broadcasting in the United States. (G) 3 credit hours.

An analysis of the laws, regulations, and court decisions which act to regulate broadcasting in the United States. Consent of instructor is required. Sherriffs. Meets 3:30-4:20 M, Tu, W, Th.

BC 501. Research.
Credit hours to be arranged.

BC 503. Thesis.
Credit hours to be arranged.

BC 505. Reading and Conference.
Credit hours to be arranged.

BC 507. Seminar.
Credit hours to be arranged.

Additional courses

BC 341. Radio and Television Workshop. 3 credit hours.
June 24-July 18. Broadcast performance technique; physical, acoustic, and mechanical theory and its application; interpretive theory and its application. Nonmajors only. Staff. Meets 9:30-11:20 M, Tu, W, Th.

BC 344. Television Workshop. 3 credit hours.
July 21-August 15. Theory and practice of television broadcasting. Consent of instructor is required. Majors only. Carroll. Meets 9:30-11:20 M, Tu, W, Th.

BC 508. Workshop.
Educational Television. 4 credit hours.
August 18-29. 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. Consent of instructor is required. Carroll. Meets 8:30-4:20, M-F.

Theater

Eight-week session (June 24-August 15)

Th 199. Promotion and Publicity Workshop. 1-3 credit hours.
Development and application of publicity and promotion materials for theater productions. Meetings to be announced.

Th 229. Interpretation. 2 credit hours.
Application of principles of oral reading to literature. Meets 9:30-10:20 M, Tu, Th.

Th 251. Elements of Acting. 3 credit hours.
Elementary principles of acting technique. Meets 10:30-11:20 M, Tu, W, Th.

Th 252. Makeup. 1 credit hour.
Principles and practices of stage makeup. Gloekler. Meets 10:30-11:20 M, Tu.

Th 266. Production Workshop: Lighting. 2 or 3 credit hours.
Practical experience in the use and operation of stage lighting equipment. Meetings to be announced.

Th 325. Costume Workshop. 3 credit hours.
Instruction in the art and craft of stage costuming; practical experience in the design, construction, and maintenance of theatrical costumes. Meetings to be announced.

Th 369. Survey of Dramatic Art. 3 credit hours.
Dramatic literature and theater practice from the rise of realism

to the present day. Theater of the Orient and Africa. DeChaine. Meets 11:30 M, Tu, W, Th.

Th 405. Reading and Conference.
Credit hours to be arranged. Research into special topics. Consent of instructor is required.

Th 407. Seminar. (G)
The following seminars are scheduled. Other topics and credit hours may be arranged.

Experimental Films. (G) 3 credit hours.
A survey of representative films which have explored forms, functions and techniques of filmmaking. Cutler. Meets 7:00-10:00, Tuesday evenings.

Children's Theater. (G) 3 credit hours.
Theater with and for children. Creative dramatics. Puppetry. Practical production experience. Gloekler. Meets 11:30-12:20 M, Tu, W, Th.

Th 408. Workshop.
Technical Production. (G) 3-5 credit hours.
Practical production experience in scenery construction, properties fabrication, sound effects preparation, and stage crew work. Thibeau. Meetings to be announced.

Th 409. Practicum. (G)
The following practicum topics are scheduled. Other topics and credit hours may be arranged in consultation with an instructor.

Theater Production Projects. (G) 3-5 credit hours.
Practical experience in scene design, play direction, costume design, properties management, stage management, lighting design, house management, and technical direction. Consent of instructor is required. Thibeau, DeChaine. Meetings to be announced.

Film Editing. (G) 3 credit hours.
A study of interrelated concepts of time, space and action, and of the techniques of film editing. Consent of instructor. Cutler. Meets 1:30-4:20 Tu.

Rehearsal and Performance. (G) Credit hours to be arranged.
Production experience for the actor. Consent of instructor is required. DeChaine. Meetings to be announced.

Th 461. Introduction to Scene Design. (G) 3 credit hours.
Basic principles of stage and scenery design. Special consideration of problems in designing for the school and community theaters. Thibeau. Meets 9:30-11:30 M, W.

Th 501. Research.
Credit hours to be arranged. Consent of instructor is required.

Th 503. Thesis.
Credit hours to be arranged. Consent of instructor is required.

Th 505. Reading and Conference.
Credit hours to be arranged. Consent of instructor is required.

Th 507. Seminar.
Introduction to Graduate Study. 3 credit hours.
Research methodology. Examination of experimental, historical, descriptive and developmental research methods. Investigation of style and format for presentation of research. Cutler. Meets 11:30-12:20 M, Tu, W, Th.



Professional Studies

School of Architecture and Allied Arts

Dean, **Robert S. Harris**, M.F.A., Professor (architecture).
Assistant to Dean, **George M. Hodge Jr.**, M.S., Professor (architecture).
Department Head, Architecture, **Wilmot G. Gilland**, M.F.A., Professor.
Department Head, Art Education, **Gordon L. Kensler**, Ph.D., Professor.
Department Head, Art History, **Marion D. Ross**, M.Arch., Professor.
Department Head, Fine and Applied Arts, **Robert C. James**, M.F.A., Professor.
Department Head, Landscape Architecture, **Jerome K. Diethelm**, M.L.Arch., Associate Professor.
Department Head, Urban Planning, **David C. Povey**, Ph.D., Associate Professor.

Architecture

Department Head, **Wilmot G. Gilland**, M.F.A., Professor.
George F. Andrews, B.S., Professor (architecture).
Coral Cottage, M.Arch., Visiting Assistant Professor (architecture).
Philip H. Dole, M.S., Professor (architecture).
Robert Gray, M.Arch., Visiting Assistant Professor (architecture).
Thomas C. Hubka, M.Arch., Assistant Professor (architecture).
Lyman T. Johnson, M.A., Associate Professor (interior architecture).
William Kleinsasser, M.F.A., Professor (architecture).
Earl E. Moursund, M.Arch., Professor (architecture).
Michael Pease, Visiting Associate Professor (architecture).
Guntis Plesums, M.Arch., Assistant Professor (architecture).
John S. Reynolds, M.Arch., Associate Professor (architecture).
Stephen J. Y. Tang, M.S., Professor (architecture).
Michael Utsey, M.Arch., Assistant Professor (architecture).

Eight-week session (June 24-August 15)

Arch 333. Introduction to Architectural Media. 4 credit hours.
No-grade course. Exploration of media as means of perceiving and discovering qualities and characteristics of the physical environment. Development of techniques and skills in abstracting information for communication, study and projection. Department approval is required. Utsey. Meets 1:30-5:20 Tu, Th.

Arch 334. Architectural Media. 3 credit hours.

No-grade course. Exploration and development of study media in organizing information, expressing ideas, and creating images of place and sequence. Prerequisite: Arch 333. Departmental approval is required. Pease. Meets 1:30-5:20 Tu, Th.

Arch 380. Architectural Design. 5 credit hours.

No-grade course. Design projects requiring comprehensive and integrative study. Individual criticism, group discussions, lectures, and review of projects. Prerequisite: Arch 180, and department approval. Staff. Meets 8:30-12:20 M, Tu, W, Th.

Arch 401. Research.

Credit hours to be arranged. Consent of instructor is required.

Arch 403. Thesis.

Credit hours to be arranged. Consent of instructor is required.

Arch 405. Reading and Conference.

Credit hours to be arranged. Consent of instructor is required.

Arch 406. Special Problems.

Credit hours to be arranged. Consent of instructor is required.

Arch 408. Architectural Workshop. (G) 4 credit hours.

No-grade course. Architecture Department approval is required. Meeting time to be arranged.

Arch 472. Structural Planning. (G) 3 credit hours.

Methodology in integrative design and planning. Prerequisite: fourth year, fifth year, and graduate architecture majors. Consent of instructor is required. Tang. Meets 1:30-3:20 M, Tu, W.

Arch 501. Research.

Credit hours to be arranged. Consent of instructor is required.

Arch 503. Thesis.

Credit hours to be arranged. No-grade course. Open only to candidates for the master degree.

Arch 505. Reading and Conference.

Credit hours to be arranged.

Arch 506. Special Problems.

Credit hours to be arranged.

Interior Architecture

Eight-week session (June 24-August 15)

Arch 388. Interior Design. 5 credit hours.

A series of creative problems in interior design; intensive analysis of design; methods of problem solution; individual criticism; review of projects. Prerequisite: Arch 288. No-grade course. Consent of instructor is required. Johnson. Meets 8:30-12:20 M, Tu, W, Th.

Arch 401. Research.

Credit hours to be arranged.

Arch 405. Reading and Conference.

Credit hours to be arranged.

Arch 406. Special Problems.

Credit hours to be arranged.

Arch 488. Interior Design Terminal Project. 5 credit hours.

Student initiated studies in interior design for the terminal project. Emphasis on comprehensive and integrative study. A no-grade course. Prerequisite: 20 credit hours of Arch 388. Consent of instructor is required. Johnson. Meets 8:30-12:20 M, Tu, W, Th.

Arch 501. Research.

Credit hours to be arranged.

Arch 505. Reading and Conference.

Credit hours to be arranged.

Arch 506. Special Problems.

Credit hours to be arranged.

Landscape Architecture

Department Head, Landscape Architecture, Jerome K. Diethelm, M.L.Arch., Associate Professor.

Kenneth Helphand, M.L.A., Visiting Assistant Professor (landscape architecture).

Wallace M. Ruff, M.S., Professor (landscape architecture).

Eight-week session (June 24-August 15)**LA 401. Research.**

Credit hours to be arranged.

LA 405. Reading and Conference.

Credit hours to be arranged.

LA 406. Special Problems.

Credit hours to be arranged.

LA 501. Research.

Credit hours to be arranged.

LA 505. Reading and Conference.

Credit hours to be arranged.

LA 506. Special Problems.

Credit hours to be arranged.

LA 509. Graduate Terminal Project.

Credit hours to be arranged.

Additional courses**LA 408. Design Workshop (I). 3 credit hours.**

June 24-July 18; two sections. Concentrated four-week program in Landscape Architecture design problems. Laboratory study and discussion. No-grade course. Consent of instructor is required. Helphand, Ruff. Meets 8:30-12:20 M, Tu, W, Th.

LA 408. Design Workshop (II). 3 credit hours.

July 21-August 15; two sections. Concentrated four-week program in Landscape Architecture design problems. Laboratory study and discussion. No-grade course. Consent of instructor is required. Helphand, Ruff. Meets 8:30-12:20 M, Tu, W, Th.

Urban Planning

Department Head, David C. Povey, Ph.D., Associate Professor (urban planning).

Eight-week session (June 24-August 15)**UP 505. Reading and Conference.**

Credit hours to be arranged.

UP 506. Special Problems.**Internship**

Credit hours to be arranged.

UP 509. Terminal Project.

Credit hours to be arranged. No-grade course. Povey.

Art Education

Department Head, Gordon L. Kensler, Ph.D., Professor.

Thomas O. Ballinger, M.A., Professor (art education).

Jack W. Burgner, M.F.A., Professor (art education).

Vincent Lanier, Ed.D., Professor (art education).

Eight-week session (June 24-August 15)**ArE 401. Research.**

Credit hours to be arranged.

ArE 405. Reading and Conference.

Credit hours to be arranged.

ArE 407. Seminar. (G)**Art in Society. 3 credit hours.**

Kensler. Meets 8:30 M, Tu, W.

ArE 409. Practicum. (G) 3 credit hours.

Field experience for the prospective art teacher; opportunity to formulate personal and professional objectives based upon field observations and opportunities. Meets state certification requirements. Consent of instructor is required. Ballinger. Meets 1:30 Tu, plus additional times to be arranged.

ArE 495. Newer Media in Art Education. (G) 3 credit hours.

An investigation of the implications of new technologies, teaching strategies, concepts, and communication media for the teaching of art. Meets state certification requirements. Lanier. 10:30-12:20 Tu, W, Th.

ArE 501. Research.

Credit hours to be arranged.

ArE 503. Thesis.

Credit hours to be arranged.

ArE 505. Reading and Conference.

Credit hours to be arranged.

ArE 506. Special Problems.**Terminal Project.**

Credit hours to be arranged.

Additional courses**ArE 322. Art in the Elementary School. 2 credit hours.**

June 24-July 18. Art experiences for the elementary school child with emphasis on three-dimensional form. No-grade course. Burgner. Meets 12:30-2:20 M, Tu.

ArE 323. Art in the Elementary School. 3 credit hours.

July 21-August 15. Critical examination of individual and group activities currently offered in elementary school art program; lectures, curriculum design, evaluation of process and techniques; satisfies the Oregon State Department of Education methods course requirement. Prerequisite: Art 321 or 322, or consent of instructor. Burgner. Meets 12:30-2:20 M, Tu.

ArE 411. Methods and Research Materials: Art in the Elementary School. (G) 3 credit hours.

July 21-August 15. A study of literature and research in the field; laboratory investigation of materials, ideas, and methods currently used in elementary schools. Satisfies state certification requirement for an elementary art-methods course. Consent of instructor is required. Burgner. Meets 12:30-2:20 M, Tu.

ArE 492. Teaching Art History in Secondary School. (G) 3 credit hours.

June 24-August 1. Critical examination of the problems involved in the teaching of art history in the general art program in junior and senior high schools. Investigation of traditional teaching methodology of art history as opposed to alternate possibilities. Prerequisite: 9 credit hours of art history. Ballinger. 9:30-10:20 M, Tu, W, Th.

Art History

Department Head, **Marion D. Ross**, M.Arch., Professor.
Bunji Kobayashi, Ph.D., Visiting Maude I. Kerns Professor of
 Oriental Art, Nihon University, Tokyo.
Esther J. Leong, Ph.D., Associate Professor of Art History.

Eight-week session (June 24-August 15)

ArH 201. Survey of Visual Arts. 3 credit hours.
 Study and understanding of the spatial arts; architecture, landscape, and town planning. Historical and contemporary examples will be used to illustrate general principles. This course may be used for part of the Arts and Letters group requirement. Ross. 9:30 M, Tu, W, Th.

ArH 208. History of Oriental Art. 3 credit hours.
 Arts of China. Selected works of painting, sculpture, and architecture studied in relation to the culture in which they were produced. This course may be used for part of the Arts and Letters Group requirement. Leong. 8:30 M, Tu, W, Th.

ArH 401. Research.
 Credit hours to be arranged.

ArH 405. Reading and Conference.
 Credit hours to be arranged.

ArH 407. Seminar. (G) 3 credit hours.
Oregon Architecture.

A review of building in Oregon and the adjacent Northwest from pioneer structures to the present day, 1840-1970. Lectures, class discussions, and field trips. Ross. 1:30-3:20 Tu, Th.

ArH 501. Research.
 Credit hours to be arranged.

ArH 503. Thesis.
 Credit hours to be arranged.

ArH 505. Reading and Conference.
 Credit hours to be arranged.

Additional courses

ArH 407. Seminar. (G) 3 credit hours.
The Japanese House.

July 21-August 15. Characteristics and development. Lectures and discussion. Kobayashi, 1:30-3:20 M, W.

Basic Principles of Japanese Gardens.
 July 21-August 15. Lectures, discussion, and demonstrations. Kobayashi. 3:30-5:20 Tu, Th.

Fine and Applied Arts

Department Head, **Robert C. James**, M.F.A., Professor.
Ralph B. Baker, M.F.A., Associate Professor (painting).
David G. Foster, M.F.A., Professor (graphic design).
Bernard L. Freemesser, M.S., Professor (graphic design).
LaVerne Krause, B.S., Professor (printmaking).
C. Max Nixon, B.F.A., Professor (jewelry).
Frank S. Okada, B.F.A., Associate Professor (painting).
Richard C. Pickering, M.F.A., Visiting Assistant Professor (ceramics).
William N. Roy, M.F.A., Assistant Professor (sculpture).
Jan Zach, Professor (sculpture).

Ceramics

Eight-week session (June 24-August 15)

Art 255. Ceramics. 2-4 credit hours.
 Introduction to ceramics with emphasis on pottery. Instruction offered in hand construction, throwing, glazing, and firing. Open to nonmajors. Pickering. Meets 8:30-10:20 M, Tu, W, Th.

Art 401. Research.
 Credit hours to be arranged.

Art 405. Reading and Conference.
 Credit hours to be arranged.

Art 406. Special Problems. (G)
 Credit hours to be arranged.

Art 455. Advanced Ceramics. (G) 2-4 credit hours.
 Advanced studio, work on individual projects. Study of clay and glaze materials and kiln construction. Effect of kiln atmosphere on body and glaze. Students assume responsibility for firing their own work. Thirty credit hours required for majors. Prerequisite: 6 credit hours of Art 255. Pickering. Meets 10:30-12:20 M, Tu, W, Th.

Art 501. Research.
 Credit hours to be arranged.

Art 505. Reading and Conference.
 Credit hours to be arranged.

Art 509. Terminal Creative Project.
 Credit hours to be arranged.

Graphic Design

Eight-week session (June 24-August 15)

Art 199. Broadsides, Posters, Tracts. 2 credit hours.
 History and practices in pamphleteering. Relationship between design and handwork and inexpensive means of reproduction and assembly. Foster, Krause. Meets 1:30-3:20 M, Tu, W, Th.

Art 199. Introduction to Visualization. 1-3 credit hours.
 Study of methods and devices employed in giving visual form to thought. Foster. Meets 10:30-12:20 M, Tu, W, Th.

Art 295. Basic Design. 2 credit hours.
 Programming of information and processes invested in the act of designing; exercises in understanding the syntax of problem posing. Open to nonmajors. A no-grade course. Pickering. Meets 1:30-3:20 M, Tu, W, Th.

Art 401. Research.
 Credit hours to be arranged.

Art 405. Reading and Conference.
 Credit hours to be arranged.

Art 406. Special Problems. (G)
 Credit hours to be arranged.

Art 495. Motion Graphics. (G) 2-4 credit hours.
 Study of moving imagery, both diagrammatic and photographic: use of video in graphic design. Study includes various animation techniques and sound synchronization methods. Prerequisite: Art 295, Art 493, or consent of instructor. Foster. Meets 8:30-10:20 M, Tu, W, Th.

Art 498. Terminal Creative Project. (G)
 Credit hours to be arranged. Open only to candidates for the B.F.A. degree.

Art 501. Research.
 Credit hours to be arranged.

Art 505. Reading and Conference.
 Credit hours to be arranged.

Art 509. Terminal Creative Project.
 Credit hours to be arranged.

Additional courses

Art 408. Advanced Photography Workshop. (G) 6 credit hours.
 June 24-July 18. A search for form in the landscape of the frontier west. Advanced laboratory techniques as an extension of field work. Travel and camping by private car. Prerequisite: Basic photography course or equivalent. Consent of instructor is required. Freemesser. Meets 8:30-4:20 M-F.

Jewelry & Metalsmithing

Eight-week session (June 24-August 15)

Art 257. Jewelry and Metalsmithing. 2-4 credit hours.

Introduction to the handworking of nonferrous metals: copper, brass, bronze, silver, gold. Practical information about making jewelry and metal objects: soldering stone settings, centrifuge casting, forging, raising. Nixon. Meets 1:30-3:20 M, Tu, W, Th.

Art 401. Research.

Credit hours to be arranged.

Art 405. Reading and Conference.

Credit hours to be arranged.

Art 406. Special Problems. (G)

Credit hours to be arranged.

Art 457. Advanced Jewelry and Metalsmithing. (G) 2-4 credit hours.

Emphasis on creative work. Advanced problems in forging, raising, centrifuge casting, enameling, etching, stone-setting. Nixon. Meets 10:30-12:20 M, Tu, W, Th.

Art 501. Research.

Credit hours to be arranged.

Art 505. Reading and Conference.

Credit hours to be arranged.

Art 509. Terminal Creative Project.

Credit hours to be arranged.

Painting

Eight-week session (June 24-August 15)

Art 199. Special Studies. 1-3 credit hours.

Art 199. Drawing (Upward Bound). 1-3 credit hours.

Special section in drawing for Upward Bound students only. James. Meets 8:30-10:20 M, Tu, W, Th.

Art 291. Drawing. 2-3 credit hours.

Training in observation, selection, and recording of significant elements in various drawing media. Roy and others. Three sections: 10:30-12:20 M, Tu, W, Th; 1:30-3:20 M, Tu, W, Th; 3:30-5:20 M, Tu, W, Th.

Art 391. Drawing. 2-4 credit hours.

Continued observation related to visual and spatial phenomena. Prerequisite: 4 credit hours of Art 291. Zach. Meets 1:30-3:20 M, Tu, W, Th.

Art 401. Research.

Credit hours to be arranged.

Art 405. Reading and Conference.

Credit hours to be arranged.

Art 406. Special Problems. (G)

Credit hours to be arranged.

Art 408. Workshop. (G)

Credit hours to be arranged.

Art 408. Workshop. (G) 6-9 credit hours.

Unified Studies in Drawing, Painting, and Theory.

Full morning and afternoon sessions to be held in drawing and painting with an adjustment in studio time, one day per week, for a one-hour, team-taught period in theory. Baker, Okada. Two sections. Meets 8:30-12:20 M, Tu, W, Th; and 12:30-4:20 M, Tu, W, Th.

Art 491. Advanced Drawing. (g) 2-4 credit hours.

Advanced work in drawing. Study of form from figure. Prerequisite: 6 credit hours of Art 291 or Art 391. Zach. Meets 1:30-3:20 M, Tu, W, Th.

Art 498. Terminal Creative Project. (G)

Credit hours to be arranged. Open only to candidates for the B.F.A. degree.

Art 501. Research.

Credit hours to be arranged.

Art 505. Reading and Conference.

Credit hours to be arranged.

Art 509. Terminal Creative Project.

Credit hours to be arranged.

Printmaking

Eight-week session (June 24-August 15)

Art 349. Fundamentals of Printmaking. 3 credit hours.

Graphic reproduction and print techniques in silk screen, block printing, and photographic processes. Krause. Meets 8:30-10:20 M, Tu, W, Th.

Art 401. Research.

Credit hours to be arranged.

Art 405. Reading and Conference.

Credit hours to be arranged.

Art 406. Special Problems. (G)

Credit hours to be arranged.

Art 483. Intaglio Printing Methods. (G) 2-4 credit hours.

Etching, drypoint, engraving, aquatint, soft ground relief etching, and collograph. Plate making and hand-printing editions. Prerequisite: Art 349. Krause. Meets 10:30-12:20 M, Tu, W, Th.

Art 498. Terminal Creative Project. (G)

Credit hours to be arranged. Open only to candidates for the B.F.A. degree.

Art 501. Research.

Credit hours to be arranged.

Art 505. Reading and Conference.

Credit hours to be arranged.

Art 509. Terminal Creative Project.

Credit hours to be arranged.

Sculpture

Eight-week session (June 24-August 15)

Art 293. Elementary Sculpture. 2-4 credit hours.

Introduction to materials. Elementary consideration of forms; technical and compositional exercises in clay, plaster, wood, and stone. Open to nonmajors. Roy. Meets 8:30 M, Tu, W, Th.

Art 401. Research.

Credit hours to be arranged.

Art 405. Reading and Conference.

Credit hours to be arranged.

Art 406. Special Problems. (G)

Credit hours to be arranged.

Art 494. Advanced Sculpture. (G) 2-4 credit hours.

Coordination of sculpture with related fields of architecture, landscape architecture, interior architecture, and industrial design. Consent of instructor is required. Roy. Meets 9:30-11:20 M, Tu, W, Th.

Art 498. Terminal Creative Project. (G)

Credit hours to be arranged. Open only to candidates for the B.F.A. degree.

Art 501. Research.

Credit hours to be arranged.

Art 505. Reading and Conference.

Credit hours to be arranged.

Art 509. Terminal Creative Project.

Credit hours to be arranged.

College of Business Administration

Dean, **Richard R. West**, Ph.D.
Associate Dean, **Harold K. Strom**, Ph.D.
Assistant Dean, **Catherine M. Jones**, Ed.D.

Accounting and Quantitative Methods

Department Head, **Larry E. Richards**, Ph.D., Associate Professor (quantitative methods).

Robert G. Bowman, M.S., Assistant Professor (accounting).

Philip G. Enns, M.A., Visiting Assistant Professor (quantitative methods).

Paul Frishkoff, Ph.D., Associate Professor (accounting).

Melvin G. Jolly, M.B.A., Graduate Teaching Fellow (accounting).

Chris Luneski, Ph.D., Associate Professor (accounting).

Eight-week session (June 24-August 15)

Accounting

Ac 221. Financial Accounting. 3 credit hours.

Description and derivation of major financial statements prepared by accountants; accounting rationale; primary emphasis placed on reports to stockholders and other investors. Introduction to other courses and a one-term terminal course in financial accounting. Prerequisite: sophomore standing. Luneski. Meets 10:30-12:20 Tu, Th.

Ac 323. Managerial Accounting. 3 credit hours.

Introduction to the development, presentation, and interpretation of accounting data to aid management in planning and controlling operations. Prerequisite: Ac 221. Frishkoff. Meets 10:30-12:20 Tu, Th.

Ac 352. Financial Accounting Theory. 3 credit hours.

Examination of basic accounting principles and concepts underlying asset valuation and income determination. Prerequisite: Ac 222. Bowman. Meets 10:30-12:20 Tu, Th.

Ac 407. Seminar.

Credit hours to be arranged.

Ac 411. Federal Income Tax. (G) 3 credit hours.

Designed for accounting majors and other majors alike. Intended to develop an understanding of the law, with emphasis on taxation of individuals; familiarity with income tax procedures; introduction to tax research. Prerequisite: Ac 323. Jolly. Meets 8:30-10:20 M, W.

Ac 501. Research.

Credit hours to be arranged.

Ac 503. Thesis.

Credit hours to be arranged.

Ac 507. Seminar.

Credit hours to be arranged.

Quantitative Methods

QM 232. Introduction to Business Statistics. 3 credit hours. Elementary statistics as a tool for business decision-making. Introduction to probability, discrete and continuous distributions, sampling distributions, and a preview of problems of inference. Prerequisite: Mth 106 or equivalent. Enns. Meets 8:30-10:20 M, W.

QM 333. Elementary Inference in Business Statistics. 3 credit hours.

Applications of statistical inference to business situations; sampling and its role in estimation and hypothesis testing; simple linear regression analysis and correlation. Prerequisite: Mth 106, QM 232 or equivalent. Enns. Meets 8:30-10:20 Tu, Th.

QM 407. Seminar.

Credit hours to be arranged.

QM 501. Research.

Credit hours to be arranged.

QM 503. Thesis.

Credit hours to be arranged.

QM 536. Applied Sampling Techniques. 3 credit hours.

Theory and application of probability sampling techniques to business problems. Topics: simple random sampling, stratified sampling, cluster sampling, systematic sampling, multistage sampling, double sampling, nonresponse problems, ratio and regression estimators. Prerequisite: QM 333. Richards. Meets 10:30-12:20 M, W.

Finance

Department Head, **Peter O. Dietz**, Ph.D., Associate Professor (investment management).

George Racette, Ph.D., Associate Professor (financial management theory).

Eight-week session (June 24-August 15)

Fin 316. Financial Management. 3 credit hours.

Policies and practices required to plan and control sources and uses of a firm's funds; emphasis on formulation, implementation, and modification of corporate financial policies; management of liquid assets; selection among alternative investment opportunities; funds acquisition; dividend policies; determination of the optimal debt-equity mix. Economic, accounting, and statistical tools and concepts studied and related to decision-making process. Prerequisite: Ac 323. Racette. Meets 9:30 M, Tu, W, Th.

Fin 341. Introduction to Real Estate. 3 credit hours.

Real-estate principles and practices, special emphasis on urban land-use analysis; nature of real property and property rights; organization of real-estate industry and real-estate markets; urban spatial structure and location analysis; land-use competition; management of real properties; subdivision and land development; real-estate financing; impact of government policies upon real-estate industry. Prerequisite: junior or senior standing. Meets 1:30-3:20 Tu, Th.

Fin 380. Investments. 3 credit hours.

Study of economic and investment environment as it relates to security investment decisions; appraisal of investment characteristics; introductory investment analysis of various stocks and bonds. Determination of investment objectives and execution of portfolio policies for various types of individual and institutional investors. Prerequisite: Fin 316, or 15 credit hours of economics. Meets 11:30 M, Tu, W, Th.

Fin 407. Seminar.

Credit hours to be arranged.

Fin 501. Research.

Credit hours to be arranged.

Fin 503. Thesis.

Credit hours to be arranged.

Fin 573. Problems in Finance. 3 credit hours.

Analysis of cases dealing with valuation; choice of capital acquisitions under uncertainty; working capital management; the influence of capital structure, dividend policy, and growth on the cost of capital. Prerequisite: Fin 516 or equivalent. Racette. Meets 1:30-3:20 M, W.

Management

Department Head, Kenneth D. Ramsing, Ph.D., Associate Professor (management).

Gerald S. Albaum, Ph.D., Professor (marketing research and analysis).

William Campion, M.B.A., Graduate Teaching Fellow (management).

Eaton H. Conant, Ph.D., Professor (industrial relations, labor economics).

Joe Paolillo, M.B.A., Graduate Teaching Fellow (management).

Eight-week session (June 24-August 15)**Mgt 321. Interpersonal Relations. 3 credit hours.**

Design of organizations and their impact on work groups and individual behavior; interpersonal relations, communication, leadership, organizational structure, and individual motivation. Paolillo. Meets 12:30 M, Tu, W, Th.

Mgt 329. Operations and Systems. 3 credit hours.

Survey of planning, operations, 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 personnel relations as they affect production work. Emphasis on principles and relationships rather than specific techniques. Campion. Meets 1:30-3:20 M, W.

Mgt 401. Research.

Credit hours to be arranged.

Mgt 407. Seminar.

The following seminar topics are scheduled. Additional topics and credit hours may be arranged.

Research and Applied Innovation I. 3 credit hours.

Experience in assisting individuals with creative ideas. Innovative study in the Experimental Center, in conjunction with the Oregon Inventors Council, in analyzing potential new products and the problems involved in order to accomplish some degree of market success. Staff. Meets 10:30-12:20 Tu, Th.

Research and Applied Innovation II. 3 credit hours.

Experience in assisting individuals with creative ideas. Innovative study in the Experimental Center, in conjunction with the Oregon Inventors Council, in analyzing potential new products and the problems involved in order to accomplish some degree of market success. Staff. Meeting time to be arranged.

Organization and Management. 3 credit hours.

Survey of the functions of a manager which include planning, organizing, staffing, direction, communicating, and control. Organizational practices, which are tied to effective management. Systems analysis and the management of systems. Prerequisite: senior standing. Staff. Meets 10:30-12:20 M, W.

Mgt. 412. Human Resources Management. 3 credit hours.

Personnel management in the modern business organization; personnel policies and practices conducive to good relations with employees; personnel problems of small organizations. Prerequisite: Mgt 321. Conant. Meets 8:30-10:20 M, W.

Mgt 501. Research.

Credit hours to be arranged.

Mgt 503. Thesis.

Credit hours to be arranged.

Mgt 507. Seminar.

Credit hours and topics to be arranged.

BA 507. Seminar.**Decision Making in Management. 3 credit hours.**

Designed to integrate the major business disciplines into a functioning concept of business operations. The course utilizes a business game and case studies to provide experience in the making of management decisions of both a strategic and tactical nature. Albaum. Meets 10:30-12:20 Tu, Th.

Marketing, Transportation, and Business Environment

Acting Department Head, Roman R. Andrus, Ph.D., Professor (marketing).

A. Richard Grant, LL.B., Assistant Professor (general business law, regulatory law, consumer law).

Delbert I. Hawkins, Ph.D., Associate Professor (consumer behavior).

Stuart U. Rich, D.B.A., Professor (industrial marketing).

John R. Wish, Ph.D., Associate Professor (consumerism, alternative futures).

Russell I. Wisler, M.B.A., Graduate Teaching Fellow (transportation).

Eight-week session (June 24-August 15)

Marketing

Mkt 311. Marketing Systems and Demand Analysis. 3 credit hours.

Dynamics of demand; economic and behavioral approaches to the analysis of demand; purchase motivations—consumer versus industrial; flows of goods and services; nature of marketing institutions. Wish. Meets 1:30-3:20 Tu, Th.

Mkt 361. Analysis of Consumer Behavior. 3 credit hours.

Consumer-firm relationship analyzed through the application of concepts drawn from contemporary behavioral science to concrete business cases and practices. Relevant concepts from fields of cultural anthropology, sociology, and psychology applied to problems encountered in marketing to various consumer groups. Mkt 311 recommended. Hawkins. Meets 10:30-12:20 Tu, Th.

Mkt 407. Seminar.

Credit hours to be arranged.

Mkt 501. Research.

Credit hours to be arranged.

Mkt 503. Thesis.

Credit hours to be arranged.

Mkt 507. Seminar.

The following topic is scheduled. Other topics and credit hours may be arranged.

Marketing Management. 3 credit hours.

The controllable elements of the marketing mix as used by the firm in adapting to its marketing environment. Role of the marketing function in the operations of a business firm; determination of the marketing mix: product policy and pricing; selection of channels of distribution; marketing communications; organizing, measuring, and controlling the marketing performance. Prerequisites: Mkt 311 and graduate standing. Rich. Meets 8:30-10:20 Tu, Th.

Transportation

Trn 349. Transportation and Distribution Systems. 3 credit hours.

Principles and practices of transportation and its role in the distribution process. The physical transportation plant of the United States and its performance; carrier responsibilities, services, and cooperation; economic and legal bases of rates, freight classification and tariffs; relationships between transportation and the location of economic activity; public policies regarding regulation, unification, labor-management relations, promotion, and similar transportation problems. Wisler. Meets 11:30-1:20 Tu, Th.

Trn 407. Seminar.

Credit hours to be arranged.

Trn 501. Research.

Credit hours to be arranged.

Trn 503. Thesis.

Credit hours to be arranged.

Business Environment

BE 226. Introduction to Law. 3 credit hours.

Forms and functions of the law in society. Examination of the American legal environment: structure of the courts; trial and appellate procedure; origin of rules; methods of legal reasoning; roles of trial participants. Emphasis on the law of contracts, including appropriate references to the Uniform Commercial Code. Prerequisite: sophomore standing. Grant. Meets 8:30-10:20 Tu, Th.

BE 407. Seminar.

Credit hours to be arranged.

BE 501. Research.

Credit hours to be arranged.

BE 503. Thesis.

Credit hours to be arranged.



Wallace School of Community Service and Public Affairs

Dean, James G. Kelly, Ph.D., Professor (community mental health).

Rosemary Boss, B.S., Visiting Instructor (public relations).

Richard F. Crawford, M.A., Visiting Assistant Professor (alternative and rural communities, job structure, client advocacy).

Loretta Daniel, B.S., Visiting Assistant Professor (advocacy).

Robin Derringer, B.S., Visiting Instructor (community relations, careers for women).

Ardelle L. Dudley, M.S., Visiting Assistant Professor (field instruction).

Richard A. Fehnel, Ph.D., Assistant Professor (organizational change, field learning, public policy analysis).

Sally Fullerton, Ph.D., Assistant Professor (group work).

Phyllis Geyer, M.S., Visiting Assistant Professor (theory practice integration).

John Kerrigan, Ph.D., Associate Professor (public finance and budgeting, state and local government).

William J. Liebertz, M.Ed., Visiting Assistant Professor (community education).

Donna McKenzie, B.S., Instructor (gerontology).

Myra Miller, S.W. Diploma, Assistant Professor (volunteerism, community education).

Roger Mills, Ph.D., Visiting Associate Professor (community mental health, crisis intervention).

Lewis Peters, M.U.P., Visiting Instructor (affirmative action).

Frances G. Scott, Ph.D., Professor (gerontology, death education).

Norman Sundberg, Ph.D., Professor (behavioral ecology, community education).

Clarence E. Thurber, Ph.D., Professor (cross-cultural communications).

David Tissier, M.S., Visiting Assistant Professor (instructional media).

William Van Orman, Ed.D., Visiting Professor (organizational development).

Kenneth D. Viegas, M.S.W., Associate Professor (corrections).

Eleven-week session (June 24-September 5)

CSPA 405. Reading and Conference. (G)

One or two credit hours may be arranged.

CSPA 406. Special Problems. (G) 1-12 credit hours.

The following topic is scheduled. Other topics and credits may be arranged. Consent of instructor is required.

Community Corrections Projects. (G) 3-12 credit hours.

Offers opportunity for non-CSPA majors to work in community correctional setting for the purpose of understanding administration or direct services offered in various correctional settings. Placements will range from institutional to community-based preventive programs. Students interested in this offering should contact Ken Viegas during spring term to arrange specific placement. Consent of instructor is required. Viegas. Meetings to be arranged.

CSPA 409. Supervised Field Study. (G) 6-12 credit hours.

Participation in activities of community service and public affairs agencies or institutions either on part-time or full-time basis dur-

ing summer session. May include work with individuals, groups, or the community either in community services or administrative functions. Request for field placements must be received prior to May 1, 1975. Students are also required to enroll in CSPA 411 or 412, Theory-Practice Integration. Open only to CSPA majors who have received prior approval from CSPA program head. Placements may not be offered through all CSPA programs. Staff. Consent of instructor is required.

CSPA 411, 412. Theory-Practice Integration. 3 credit hours each course.

Companion courses to CSPA 409 Supervised Field Study. Provides an introduction to the organization, character and conduct of community and public-agency programs, and a link between theoretical concepts and participation in Supervised Field Study. CSPA 411 is for first field placement; CSPA 412 is for subsequent placement. Restricted to CSPA majors. Consent of instructor is required. Staff. Meetings to be arranged.

Eight-week session (June 24-August 15)

CSPA 405. Reading and Conference. (G)

Three to nine credit hours may be arranged.

CSPA 406. Special Problems. 3-9 credit hours.

The following topics are scheduled. Other topics may be arranged for 3-9 credit hours. Consent of instructor is required.

Community Corrections Projects. (G) 3-12 credit hours.

Offers opportunity for non-CSPA majors to work in community correctional setting for the purpose of understanding administration or direct services offered in various correctional settings. Placements will range from institutional to community-based preventive programs. Students interested in this offering should arrange with Ken Viegas during spring term for specific placement. Meetings to be arranged. Consent of instructor is required.

Student Projects in Social Service and Public Affairs. (G) 3-9 credit hours.

Offers opportunity for non-CSPA majors to work in social service and public affairs settings for the purposes of: direct acquaintance with and participation in an administrative or social service program; knowledge of human needs and community resources; greater understanding of themselves and their capabilities for a career in helping others; gaining experience relevant to further academic involvement. Persons wanting to participate in this program must make application with individual instructor prior to the end of spring term. Consent of instructor is required. Dudley, Geyer. Meetings to be arranged.

CSPA 407. Seminar.

The following topics and credits are scheduled.

Implementing Affirmative Action. (G) 3 credit hours.

Historical background of affirmative action, current implications, and methods for implementing the goals of affirmative action from both management perspectives and perspectives of individual citizens wanting to gain positions through affirmative action. Designed for employers, citizens, students, and professionals. Peters. Meets 7:00-10:00 Tu evenings.

Introduction to Community Development. (G) 3 credit hours.

Theories of community development, strategies for implementing community development. Assisting human service agency personnel in using community development techniques to facilitate citizen participation. Scheduling is dependent upon obtaining grant; students should check with department to see if the course will be offered. Liebertz. 7:00-10:00 Th evenings.

Services for Victims. (G) 3 credit hours.

The special plight of victims of crimes in the United States. Use of data provided in *Blaming the Victim* by William Ryan. Review of current compensation practices, ways of responding to the situation of victims in Oregon. Viegas. 7:00-10:00 W evenings.

(CSPA 407 Seminar topics continued)

Theory-Practice Integration for Community Service Practitioners. (G) 3 credit hours.

Designed to provide the practitioner an opportunity for further development of awareness, personal integration, and growth through examination of individual practices, values, professional goals and contemporary theories; includes use of readings, discussion, speakers, and practical application of experiences. Enrollment limited to community practitioners, or consent of instructor. Dudley. 8:30-10:20 Tu, Th.

Medically Indigent: Introduction to Medical Social Services. (G) 3 credit hours.

Objectives are to provide a clear definition of medically indigent, to give a general review of health programs available and those proposed and their alternatives, and to inform the indigent and medically indigent people who may fall within the realm of social services; presentation geared to providers, consumers, and agency personnel in the public sector. Topics will include: preventive medicine, team approach to medicine, nutrition, housing, mental health, interagency ties and their effectiveness. Daniel. 7:00-10:00 M evenings.

CSPA 408. Workshop.

Media Communications. (G) 3 credit hours.

Designed to assist students in developing effective communication skills in professional roles; organization, use of newsletters as tool for fund-raising, organizational communication, and public relations. Instruction in use of film, slides, overhead transparencies, single videotape recording systems, audio tapes, and graphics. Individual projects will be required. Class will participate in publishing a CSPA newsletter. Boss, Tissier. 1:30-5:20 Tu.

CSPA 501. Research.

Credit hours to be arranged.

CSPA 503. Thesis.

Credit hours to be arranged.

CSPA 505. Reading and Conference.

Credit hours to be arranged.

Additional courses

CSPA 199. Workshop Strategies for Utilizing Community Resources. 2 credit hours.

June 24-July 18. For students enrolled in the Upward Bound program on the University campus during the 1975 summer session. Strategies for surviving in a bureaucratic society, identifying the specific needs of the workshop participants, and developing problem-solving techniques to meet these needs. Enrollment limited to Upward Bound students, or consent of instructor. Crawford. Meets 1:30-3:20 Tu, Th.

CSPA 406. Special Problems.

Community Case Studies in Alternative or Different Ethnic Settings. (G) 3-6 credit hours.

August 18-Sept. 5. Community-based experience with travel to selected communities on the West Coast. Opportunity for students to use the methodology for making community observations provided June 23-July 18 in Cross-Cultural Comparisons. Details appear in the *SEARCH* catalog. Scheduling dependent upon available staff. Fee of \$75.00 per student; sleeping bag necessary. Enrollment limited to eight. Prerequisite: Cross-Cultural Comparisons (CSPA 407), or instructor's consent. Sundberg. Meets 8:30-5:20 M-F plus other times to be arranged.

CSPA 407. Seminar. (G)

The following seminar topics and credits are scheduled.

Catalysts for Cooperation in Community Education. (G) 2 credit hours.

June 18-20. Intensive course for all disciplines in human services and education; jointly sponsored by the School of Community Service and Public Affairs, the Northwest Regional Center for Community Education, the College of Education, and the College of Health, Physical Education, and Recreation. Use of the community school as a resource center for all disciplines, agencies, and programs in the community; concepts and skills in community education, problem-solving at neighborhood level, development of cooperative processes between the service disci-

plines; materials and other resources from national, regional, and local levels on development, implementation, and future prospects for the community school. Interested persons are requested to preregister by mail or in person with Myra Miller, School of CSPA, 238 Hendricks Hall, before June 1. Meets 8:30-4:20 W, Th, F.

Cross-Cultural Comparisons. (G) 3 credit hours.

June 23-July 18. Cultural and ethnic differences and the relevance of these differences for professionals in community service and public administrative roles. Special attention to India and Costa Rica. Detailed information available at the CSPA Advising Office in Room 121 Hendricks Hall. Sundberg. Meets 11:30-1:20 M, Tu, W, Th.

Proposal Development and Grant Writing. (G) 3 credit hours.

July 21-August 15. Basic course in writing grant applications for submission to any of the major funding sources. Step-by-step process of proposal writing and an understanding of how the funding process works; where funding is most likely to be found; how to approach funding agencies, preparation of grant proposals; and submission and follow-up processes. Thurber. Meets 11:30-1:20 M, Tu, W, Th.

CSPA 408. Workshop. (G)

The following workshop topics and credits are scheduled.

Citizen Participation in Public Affairs. (G) 3 credit hours.

June 16-21. Each day devoted to a different issue concerning citizen participation in public affairs: The Federalist Papers, current relevance; improving citizen participation through technology; citizens vs. professionals; implications of revenue-sharing for citizen participation; role of citizens in the planning, implementing, and evaluation of public human service programs; the Oregon Experience; activities outside of government; the Post-Watergate era; effectiveness of one person or one committee. Fehnel. Meets 8:00-5:00 M-Sat.

Life Planning for Mature Women. (G) 2 credit hours.

June 23-27. Exploration of personal interests, abilities, and values; participation in small group discussion and debate; expert views on the advantages and disadvantages of volunteer opportunities, employment, further education; development of skills in making personal and career decisions. Vocational interest testing and test interpretations by a qualified staff. Preregistration is necessary and must be received three weeks prior to opening date to enable staff to complete vocational testing. Enrollment is limited. Testing fee of \$7.50. McKenzie. Meets 9:30-4:20 M-F.

Organizational Development: The Revolution is Circular and Continuous. (G) 3 credit hours.

June 24-28. Realities of management problems currently encountered by participants; organizational development approached through an action-research oriented process. Simulation of team-building activities based on an assessment of the participants' needs. Small group and intergroup relationships, authority and control, trust and openness, conflict management, effective feedback, process awareness, problem-solving, collaboration, and participation and the expansion of human potential as a basis for organizational growth. Van Orman. Meets 8:00-5:00 Tu, W, Th, F, Sat.

Social Services for Youth: A Functional Overview with Specific Strategies for Linking Needs and Resources. (G) 3 credit hours.

June 27-August 9. Opportunities to develop field-based instruction for educational or community service programs. Framework for understanding the relationship of federal, state, and local social services and their function. Strategies identified to connect students needs with the service structure. Attempts to identify efficient means to achieve objectives. Viegas. Meets 8:00-5:00 F, Sat.

Finance and Budgeting. (G) 2 credit hours.

June 30-July 3. Basic fiscal management practices common to state and local government, and budgetary practices and procedures for administrative and elected officials in Oregon. Fi-

(CSPA 408 Workshop topics continued)

financial administration concepts as a basis for practical application in the public sector; comparison of financial administrative responsibilities common to each level of government; theory and use of major sources of government revenue—property tax, sales tax, and income tax; fundamentals of the budgetary process; fiscal federalism and its significance in each level of government; borrowing and debt management practices of government. Designed to meet needs of students who have not studied public financial administration. Kerrigan. Meets 8:00-5:00 M, Tu, W, and 8:00-12:00 Th.

Training in Death Education. (G) 2 credit hours.

June 29-July 3. Enrollment limited to 30 students. Applicants should have (1) demonstrable experience in conducting human-relations training groups, T-groups, sensitivity groups, therapy groups, or other relevant group-learning activities; (2) a strong professional or educational interest in death education; (3) a reasonable expectation that the skills learned in the workshop will be used in the near future. Course is a "trainers' laboratory," designed to train the student to conduct Confrontations of Death Seminars using the Oregon model. Preference given to applicants from the fields of psychology, psychiatry, social work, mental health services, gerontology, health services including nursing, funeral service, health education, education, and religion. Scott. Meets 6:30-9:30 Sunday evening, 9:30-4:20 and 6:30-9:30 M, Tu, W, and 9:30-4:20 Th.

Life Alternatives for Mature Men. (G) 1 credit hour.

July 12 and 13. Weekend workshop for men to explore options for experience and interests and abilities. Discussion in small groups. Preregistration and consent of instructor necessary. Persons planning to attend should write or call Donna McKenzie at 686-4201. Meets 9:30-4:20 Sat, Sun.

Introduction to Volunteerism. (G) 2 credit hours.

July 17-20. Introduction to an expanding area of human service for those who want to explore career opportunities in volunteerism, and for those who are interested in increased understanding and skill in their own volunteer activity. Philosophy and historical perspective, and practical aspects of developing and maintaining effective volunteer programs. Students required to be directly involved in on-going or short-term volunteer activity

during the term. Miller. Meets 8:30-5:20 Th, F, Sat and 1:30-5:20 Sunday.

Child Care: Alternatives for Action. (G) 2 credit hours.

July 31-August 3. Designed for child-care administrators, child-care workers, persons planning child-care programs, and persons working for the development and support of child care programs. Participants will examine purposes, methods, and procedures related to the establishment, maintenance, and survival of child-care programs; use of community and governmental resources including legislative action. Meets 8:30-5:20 Th, F, Sat, and 1:30-5:20 Sunday.

Volunteer Program Coordination. (G) 1 credit hour.

August 8 and 9. Designed to serve the needs of practitioners, whether they are in paid or voluntary coordinator positions; to provide better understanding of techniques and processes involved in on-going program maintenance; opportunity for students to design a project or activity which will meet individual program needs; communication, retaining volunteers, special needs of particular groups; small-group discussion and project development. Miller. Meets 8:30-5:20 F, Sat.

CSPA Careers for Women. (G) 2 credit hours.

August 11-15. Professional and volunteer opportunities for women in human and public service fields discussed by instructors and guests; information regarding careers and employers, use of resources, planning and entering into careers; major employers such as civil service, government, and grant-in-aid projects, private industry. Derringer. Meets 8:30-12:20 M-F.

Local Government Update: 1975. (G) 1-2 credit hours.

August 18-22. Presented by Bureau of Governmental Research and Service; taught by University faculty, administrators, planners, attorneys and Bureau staff. Course divided into four overlapping modules of two days each as follows: planning and land-use control, public law, general administration, and public finance; each module constitutes a curriculum unit, with one hour of academic credit for completion of any two modules, two hours for completion of all four, pass-no pass only. Special reference to Oregon laws and institutions; review of major current problems and issues in the field from both national and Oregon perspectives; analysis of 1975 Oregon legislation. Tollenaar and others. Meets 8:30-5:20 M-F.



College of Education

Dean, Robert D. Gilberts, Ph.D.
 Associate Dean, Max G. Abbott, Ph.D.
 Associate Dean, Jack Loughary, Ph.D.
 Associate Dean, Robert Schwarz, Ph.D.
 Assistant Dean, Robert H. Mattson, D.Ed.
 Assistant to the Dean for Administration, LeRoy Owens,
 D.Ed.
 Assistant to the Dean for Tongue Point, Steve Goldschmidt,
 J.D.

The College of Education offers a variety of work in the Summer Session which may be applied toward completion of the University's approved teacher preparation programs for Elementary Education, Secondary Education and Special Education, as well as School Counselors, Supervisors, School Psychologists, and Administrators. For specific program information and adviser referral, consult the Office of Teacher Certification in the College of Education.

Center for Educational Policy and Management

Instruction and Field Services

Department Head, Richard O. Carlson, Ed.D., Professor (innovation, organization theory, administrative succession).
 C. A. Bowers, Ph.D., Professor (philosophy of education).
 Thomas L. Dahle, Ph.D., Professor (adult education).
 Anne Sutherland Frentz, Ph.D., Assistant Professor (policy studies, educational finance, categorical aid).
 Steve Goldschmidt, J.D., Assistant Professor (law and education, juvenile delinquency).
 Emil Haller, Ph.D., Visiting Associate Professor (sociology of education, educational administration).
 Arthur Hearn, Ed.D., Professor (secondary schools, principalship, student activities).
 John Lallas, Ed.D., Professor (higher education).
 Richard Moser, Ph.D., Research Associate (politics of education, elementary education).
 John M. Nagle, Ph.D., Assistant Professor (educational organizations, program planning and evaluation, general systems theory).
 Henry Osibov, D.Ed., Associate Professor (school finance, school law).
 John S. Packard, Ph.D., Assistant Professor (organizational and administrative theory).
 Philip K. Piele, Ph.D., Associate Professor (buildings).
 Adolph A. Sandin, Ph.D., Professor (elementary schools, principalship).
 Francis C. Thiemann, Ph.D., Associate Professor (communications, instructional teams, community college).

Educational Administration

Eight-week session (June 24-August 15)

EdAd. 503. Thesis.

Credit hours to be arranged.

EdAd 505. Reading and Conference.

Credit hours to be arranged.

EdAd 575. School Finance. 3 credit hours.

Fiscal management of the schools; legal and political aspects of school finance; economics of education; taxation, local and state procurement and distribution of funds; performance budgeting and accounting. Prerequisite: work in supervision and administration, or consent of instructor. Osibov. Meets 3:30-4:20 M, Tu, W, Th.

Additional courses

EdAd 507. Seminar.

The following topics are scheduled for the dates shown.

Communication Skills. 2 credit hours.

June 24-July 18. Laboratory course in the interaction of people, especially in small, task-oriented groups, through verbal and nonverbal signals, codes, messages, and networks. Thiemann. Meets 12:30-2:20 M, Tu, W, Th.

Law and Schools. 3 credit hours.

June 24-July 18. An introduction to the purposes of law, the legal system, and the legal method. Focus on legal basis, powers, and relationship of local school boards, and state and federal governments in education. Particular emphasis on limitations of the exercise of institutional power provided by the First and Fourteenth Amendments of the United States Constitution. First Amendment issues to be considered include freedom of speech and religion; Fourteenth Amendment issues include due process and equal protection of the laws. Course is recommended for students interested in teacher and student rights courses. Goldschmidt. Meets 8:30-10:20 M, Tu, W, Th.

Personal Evaluation. 2 credit hours.

July 21-August 15. Investigates various systems of personnel evaluation, the issues connected with evaluation systems such as criteria for participation and decision rules, the data and data analysis needs for such systems, and methods of implementation. Hearn. Meets 10:30-12:20 M, Tu, W, Th.

EdAd 570. Human Resource Management. 3 credit hours.

July 21-August 15. A laboratory course in management skills relating to management of time, building motivation, forming work groups, establishing trust, implementing change, and reaching agreement. Thiemann. Meets 10:30-12:20 M, Tu, W, Th.

EdAd 571. Collective Bargaining in Education. 2 credit hours.

July 21-August 15. Examines the procedures and techniques of collective bargaining in a public school setting. Consider history and theory of collective bargaining; analysis of Oregon's collective bargaining statutes; and specific collective bargaining issues (i.e., unit determination, scope, contract language, impasse resolution and grievance procedures). Simulated bargaining sessions involve participants in the planning, communication, and strategies required in the bargaining process. Goldschmidt. Meets 8:30-10:20 M, Tu, W, Th.

EdAd 573. Business Management in Education. 3 credit hours.

July 21-August 15. Application of systematic procedures to the problems of acquiring fiscal resources for a school district and managing their expenditures. Frentz. Meets 12:30-2:20 M, Tu, W, Th.

EdAd 574. Educational Program Research and Evaluation. 3 credit hours.

June 24-July 18. Developing and conducting a comprehensive program of research and evaluation activities in a public school system at the district, building, and classroom levels. Haller. Meets 10:30-12:20 M, Tu, W, Th.

EdAd 576. School Buildings. 3 credit hours.

June 24-July 18. Critical survey and study of current trends in school buildings field; systems building, fast-tracking, open space design; alternatives to buildings; renovation and modernization, relocatables, year-round schools; the learning environment; legal and financial consideration; bond elections; maintenance, furniture and equipment, security. Piele. Meets 10:30-12:20 M, Tu, W, Th.

EdAd 578. School-Community Relations. 3 credit hours.

July 21-August 15. Economic, political, and technological forces affecting the relationship of schools to the community. Piele. Meets 12:30-2:20 M, Tu, W, Th.

Ed Ad 579. Systems for Educational Program Planning, Budgeting, and Evaluation. 2 credit hours.

July 21-August 15. Developing and implementing systems for program planning, budgeting, and evaluation in public schools. Nagle. Meets 2:30-4:20 M, Tu, W, Th.

EdAd 580. School Personnel Administration. 3 credit hours.

July 21-August 15. An investigation of consideration of the best principles and practices in school-personnel administration and determining its role in facilitating the educational process. Sandin. Meets 8:30-10:20 M, Tu, W, Th.

Ed 581. Pupil Personnel Services and Administration. 3 credit hours.

June 24-July 19. Obtaining, recording, and interpreting data; developing policies; providing special services. Hearn. Meets 8:30-10:20 M, Tu, W, Th.

EdAd 583. Policy Development. 3 credit hours.

June 24-July 18. Developing and implementing school district policies that contribute to specified educational and organizational ends, including assessing needs, identifying goals and objectives, setting priorities, building consensus, preparing policy statements, and designing procedures to carry out specific policies. Haller. Meets 2:30-4:20 M, Tu, W, Th.

Educational Policy

Eight-week session (June 24-August 15)

EdP 327. Social Foundations of Teaching. 3 credit hours.

Nature and influence of such social determinants of child behavior in school as family, school and class structure, peer groups, and mass media. Sandin and one other to be announced. Two sections: 12:30 and 11:30 M, Tu, W, Th.

EdP 405. Reading and Conference.

Credit hours to be arranged.

EdP 441. History of American Education. (G) 3 credit hours.

Introduction to the major social and intellectual trends in the history of American education. The central aim is to question familiar institutional facts and ideologies, and to ask how and why certain educational ideas and practices develop to the point where they are taken for granted. Meets 10:30 M, T, W, Th.

EdP 445. Modern Philosophies of Education. (G) 3 credit hours.

Examination of the ideas of Sartre, Buber, and G. H. Mead as they relate to current educational issues; the nature of freedom, identity and alienation as analyzed from a phenomenological perspective; education as a process of examining cultural assumptions; the relationship between local control of education and freedom of inquiry; education and Berger's theory of social construction of reality. Bowers. Two sections: 9:30, 11:30 M, Tu, W, Th.

EdP 503. Thesis.

Credit hours to be arranged.

EdP 505. Reading and Conference.

Credit hours to be arranged.

EdP 507. Seminar.

The following topics and credit hours are scheduled.

Equality in Education. 3 credit hours.

Considers alternate definitions of the concept of educational equality and competing philosophical positions which vie for general acceptance; variations in educational policy at various levels, and issues of equality or inequality of educational opportunity, delivery of services, outcomes and resulting life

chances will be informed by data provided by Coleman, Jencks, and others. Packard. Meets 12:30- M, Tu, W, Th.

Politics in Education. 3 credit hours.

Concepts, theories, analytical tools, and literature which have bearing upon the understanding of the political milieu in which educational policy is determined. Political power and influence in education, the dynamics of social power, the ethics of political action, and the elements of political "issues" provide recurrent foci of analysis, particularly from the level of the school district and the state. Moser. Meets 9:30 M, Tu, W, Th.

Economics in Education. 3 credit hours.

Study and application of basic underlying principles and techniques of economics and their application to education. Instructor to be announced. Meets 1:30 M, Tu, W, Th.

Higher Education

Eight-week session (June 24-August 15)

HiEd 503. Thesis.

Credit hours to be arranged.

HiEd 505. Reading and Conference.

Credit hours to be arranged.

HiEd 508. Workshop.**Community College Administration. 3 credit hours.****HiEd 509. Practicum.**

Credit hours to be arranged.

Division of Developmental Studies and Services

Director, John W. Loughary, Ph.D., Associate Dean and Professor (counseling, career systems planning).

Area Coordinator, Speech Pathology and Audiology, Ned Jay Christensen, Ph.D., Associate Professor.

Area Coordinator, Counseling, Gordon A. Dudley, Ed.D., Associate Professor.

Area Coordinator, Educational Psychology, A. J. H. Gaite, Ph.D., Assistant Professor.

Lloyd Augustine, Ph.D., Assistant Professor (speech pathology, audiology).

James R. Booth, M.S., Senior Instructor (rehabilitation).

Ruth M. Brewer, M.S., Instructor (gerontology, librarianship).

Jacqueline S. Brockway, M.S., Senior Instructor (marriage).

Myrtice Butler, Ph.D., Assistant Professor (speech pathology, audiology).

Henry F. Dizney, Ph.D., Professor (measurement, research).

John Ewing, M.S., Assistant Professor (gerontology).

Kenneth D. Hills, Ph.D., Adjunct Professor (community college).

William Kirtner, Ph.D., Associate Professor and Counselor, University Counseling Center (psychotherapy).

Gerald D. Kranzler, Ed.D., Professor (child guidance).

Lloyd L. Lovell, Ph.D., Professor (developmental psychology).

Raymond N. Lowe, Ed.D., Professor (family counseling).

Donna M. McKenzie, B.S., Instructor (gerontology).

Arthur Mittman, Ph.D., Professor (measurement, research).

Theresa M. Ripley, Ph.D., Assistant Professor (group procedures).

Ronald J. Rousseve, Ph.D., Professor (values in guidance, black Americans).

Evelyn Rowe, B.A., Psychometrist (appraisal).

Frances G. Scott, Ph.D., Professor and Director, Center for Gerontology.

Speech Pathology and Audiology

Eight-week session (June 24-August 15)

SPA 405. Reading and Conference.

Staff. Credit hours to be arranged (maximum 8).

SPA 407. Seminar. (G)

Credit hours to be arranged (maximum, 3). Staff.

SPA 409. Practicum. (G) 1-9 credit hours.

Prerequisite: consent of instructor. Staff.

SPA 501. Research.

Credit hours to be arranged (maximum, 8). Staff.

SPA 503. Thesis.

Credit hours to be arranged (maximum, 8). Staff.

SPA 505. Reading and Conference.

Maximum of eight credits may be arranged. Staff.

SPA 507. Seminar.

Other topics for a maximum of 3 credit hours may be arranged.

Auditory Processing: Reading and Speech. 3 credit hours.

A consideration of auditory processing as related to reading and speech. Individual auditory skills are described and methods of evaluation are considered. Possible application of certain principles to specific learning disabilities. Christensen. Meets 3:30 M, Tu, W, Th.

SPA 509. Practicum. 1-9 credit hours.

Details to be arranged in consultation with a staff member.

Additional courses**SPA 407. Seminar. (G)****Introduction to Diagnosis and Remediation of Language Disorders. 3 credit hours.**

June 24-July 11. Methods in observation, data collection, task analysis, and task continuum therapy for the remediation of language disorders. Prerequisites: SPA 481, 482, 483 or the equivalent. Augustine. Meets 8:30-12:20 M, Tu, W, Th.

SPA 409. Practicum. (G)**Remediation of Language Disorders. 6 credit hours.**

July 14-August 1. Practical application of competencies developed in the seminar, Diagnosis and Remediation of Language Disorders. Enrollment limited. Prerequisite: Diagnosis and Remediation of Language Disorders; consent of instructor. Augustine. Meets 8:30-12:20 M, Tu, W, Th.

SPA 507. Seminar.**Advanced Diagnosis and Remediation of Language Disorders. 3 credit hours.**

June 24-July 3. Advanced methods in clinical observation, data collection, task analysis, and task continuum therapy for the remediation of language disorders. Prerequisite: graduate standing. Butler. Meets 8:30-12:20 M, Tu, W, Th.

SPA 509. Practicum.**Advanced Diagnosis and Remediation of Language Disorders. 6 credit hours.**

July 7-August 1. Practical application of competencies developed in the seminar, Advanced Diagnosis and Remediation of Language Disorders. Enrollment limited. Prerequisite: Advanced Diagnosis and Remediation of Language Disorders; consent of instructor. Butler. Meets 8:30-12:20 M, Tu, W, Th.

Counseling

Eight-week session (June 24-August 15)**Coun 405. Reading and Conference.**

Credit hours to be arranged. (Maximum, 6). Consent of instructor required. Staff.

Coun 407. Seminar. (G)

The following seminar topics and credits are scheduled. Other topics may be arranged, with a maximum of 3 credit hours.

Introduction to Counseling. (G) 4 credit hours.

Prepracticum training: initial stages of a counseling relationship; semi-structured communication exercises; direct personal response and small group discussion. Prerequisite for all departmental practica offerings; consent of instructor is required. Brockway. Meets 8:30-10:20 M, W.

Patterns of Child Behavior. (G) 3 credit hours.

For students who have completed either SpEd 463 The Mal-adjusted Child or Coun 463 Dreikursian Principles of Child Guidance and want to examine more critically the point of view presented. Small discussion groups in specific readings, discussion of family counseling sessions attended by students. Consent of instructor is required. Lowe. Meets 1:30-5:20 Tu.

Counseling in Marriage Relationships. (G) 3 credit hours.

For students who plan to work with an adult population in agencies, universities, or colleges, or community clinics. The dynamics of the marriage relationship, the sources of marital conflict and techniques for dealing with these studied. Role-playing of counseling strategies as well as observation of counseling included. Brockway. Meets 8:30-10:20 Tu, Th.

Counseling Procedures. (G) 3 credit hours.

Strategies for accomplishing counseling purposes of choice, change, and confusion reduction. Demonstration, discussions of individual counseling by instructor. Dudley. Meets 10:30-12:20 M, W.

NOTE: All 409 and 509 Practicums require 10-12 hours of time per week for 3 units of credit. Field and laboratory activities include counseling experience, observations, daily field visitations, and weekly staff evaluations.

Coun 409. Practicum. (G)

The following practicum topics and credits are scheduled. Other topics may be arranged, with 3-12 credit hours.

Counseling. (G) 3 credit hours.

Observation, individual counseling, staff evaluation. Consent of instructor is required. Booth. Meetings to be arranged.

Procedures in Family Counseling. (G) 3-4 credit hours.

Students interested in pursuing the professional aspects of family counseling gain understanding and skills in counseling and administration in the Community Parent-Teacher Education Center. Consent of instructor is required. Lowe. Meets 1:30-5:20 Tu.

Family Counseling. (G) 3 credit hours.

Designed to give experience in counseling parents and children within the scope and purposes of the Community Parent-Teacher Education Center. Consent of instructor is required. Lowe. Meets 1:30-5:20 Tu.

School Counseling. (G) 3 credit hours.

Open only to students in programs leading to specialization in school counseling. Observation, staffing of cases, counseling, case-writing, testing. Consent of instructor is required. Brockway. Meetings to be arranged.

Community College Counseling. 3-6 credit hours.

Observation, co-counseling, individual counseling. Consent of instructor is required. Hills. Meetings to be arranged.

College Counseling. (G) 3 credit hours.

Open only to students in programs leading to specialization in college counseling. Observation, staffing of cases, counseling, case-writing, testing. Consent of instructor is required. Kirtner. Meetings to be arranged.

Rehabilitation Field Agencies. (G) 3-12 credit hours.

Supervised counseling experience in community rehabilitation agencies and facilities. Open to rehabilitation majors only. Consent of instructor is required. Booth. Meetings to be arranged.

Coun 463. Dreikursian Principles of Child Guidance. (G) 3 credit hours.

The discovery and treatment of emotionally and socially mal-adjusted children. The home, the school, and the community in relation to children's mental health. Opportunities for observing family counseling. Principles based upon ideas contributed by Alfred Adler and Rudolf Dreikurs. Lowe. Meets 1:30-5:20 Tu.

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

A general overview of the guidance function in a free society; principles and general procedures attendant to guidance and counseling services in American schools. Rousseve. Meets 10:30-12:20 Tu, Th.

Coun 501. Research.

Credit hours to be arranged. Staff.

Coun 502. Supervised College Teaching. 3-6 credit hours.

Consent of instructor is required. Staff.

Coun 503. Thesis.

Credit hours to be arranged. Staff.

Coun 505. Reading and Conference.

Credit hours to be arranged (maximum, 6). Consent of instructor is required. Staff.

Coun 507. Seminar.

The following seminar topics and credits are scheduled. Other topics may be arranged, with a maximum of 3 credit hours.

Values in Counseling. 3 credit hours.

Systematic exploration of values as a dimension in the counseling process and as a component in the search for identity and meaning during an age of moral conflict, anxiety, and social renewal. (The analysis will proceed from the premise that because counselors are a potential role model, they should become consciously engaged with the philosophy of value as a vehicle for further personal and professional fulfillment.) Roussev. Meets 10:30-12:20 M, W.

Appraisal in Counseling (II). 3 credit hours.

Various group and individual tests commonly used in counseling settings; other methods of appraisal of the individual. Prerequisite: Appraisal in Counseling (I); consent of instructor. Rowe. Meets 7:30-8:20 M, Tu, W, Th.

Coun 508. Workshop.**Role Playing. 3 credit hours.**

Designed to assist students in gaining skills in working with children and youth through the use of spontaneous dramatization. Techniques based upon principles discussed in SpEd 463 The Maladjusted Child and Coun 463 Dreikursian Principles of Child Guidance. Consent of instructor is required. Lowe. Meets 1:30-5:20 Tu.

Coun 509. Practicum.

The following practicum topics and credits are scheduled. Other topics may be arranged, with 3-12 credit hours.

Counseling. 3 credit hours.

Observation, individual counseling, staff evaluation. Consent of instructor is required. Booth. Meetings to be arranged.

School Counseling. 3 credit hours.

Open only to students in programs leading to specialization in school counseling. Same as class at 400-level, except that the student is expected to work with less immediate supervision. Consent of instructor is required. Brockway. Meetings to be arranged.

Community College Counseling. 3-6 credit hours.

Observation, co-counseling, individual counseling. Consent of instructor is required. Hills. Meetings to be arranged.

College Counseling. 3 credit hours.

Same as class at 400-level except that the student is expected to work with less immediate supervision. Prerequisite: College Counseling (409 Practicum); consent of instructor. Kirtner. Meetings to be arranged.

Rehabilitation Field Agencies. 3-12 credit hours.

Extensive experiences in a rehabilitation agency. Limited to students enrolled in the rehabilitation-counselor program. Prerequisite: Rehabilitation Field Agencies (409 Practicum); consent of instructor. Booth. Meetings to be arranged.

Coun 526. Counseling Theories. 3 credit hours.

Survey, evaluation, and integration of philosophical and theoretical assumptions which underlie counseling procedures. Designed to assist individuals of all ages with behavior changes, personal plans, and choices. Dudley. Meets 8:30-10:20 M, W.

Additional courses**Coun 407. Seminar. (G)**

The following seminars and credits are scheduled.

Rational Emotive Counseling. (G) 2 credit hours.

July 7-July 18. Short lectures, discussion, and role playing related to the application of Albert Ellis's Rational-Emotive therapy theory to counseling with normal adults and young people. Kranzler. Meets 1:30-3:20 M-F.

Group Procedures. (G) 2 credit hours.

June 24-July 3. Designed for those with little or no group guidance experience. Emphasis on utilization of group guidance techniques for educational, vocational, and social development. Skills will be developed in the areas of understanding group processes, planning and evaluating group sessions, and using various leader interventions. Ripley. Meets 1:30-3:20 M-F.

Classroom Guidance Techniques. (G) 2 credit hours.

July 21-August 1. A problem-solving approach to child guidance; planned for classroom teachers and school counselors. Kranzler. Meets 1:30-3:20 M-F.

Community College Counseling. (G) 3 credit hours.

June 24-July 18. Historical development and organizational structure on local, state, and national levels of the community college movement. The community college setting, philosophy, and structure; the variety of students and their unique concerns; the philosophy and emphasis of the counseling program at the community college. Hills. Meets 10:30-12:20 Tu, Th, plus 20 hours of observation.

Coun 408. Workshop.**Counseling the Aged Family. (g) 2 credit hours.**

July 7-July 11. Will investigate factors involved in intervention in families, focus on older persons. Special guest lecturer: James Peterson, Ph.D., Director of Liaison, Andrus Gerontology Center, USC. Staff. Meets 9:30-4:00 M-F.

Coun 488. Educational-Vocational Guidance. (G) 3 credit hours.

June 24-July 18. Designed to broaden theoretical understanding of career development theory and to encourage application of theory to the practice of vocational and educational guidance within diverse settings (schools, clinics, employment centers). Loughary. Meets 8:30-10:20 M, Tu, W, Th.

Coun 508. Workshop.**Adlerian Psychology and Emotionally Disturbed Children. 3 credit hours.**

July 21-August 1. An opportunity for students to discover some of the principles of Adlerian psychology used with emotionally maladjusted children in the classroom. Principles and skills now in use in classroom situations will be discussed. Reference also to the ideas presented by Rudolf Dreikurs. Samuels. Meets 1:30-4:20 M-F.

Financial Aid Counseling. 2 credit hours.

July 21-August 1. Information for high school and community college counselors on kinds of student financial aid, eligibility, application, analysis of need. Burns, Newman. 1:30-3:30 M-F.

Educational Psychology

Eight-week session (June 24-August 15)**EPsy 321. Human Development and Education. 2 credit hours.**

Examination and study of human development through conception, infancy, childhood, adolescence, and early adulthood; consideration of relationship between developmental processes and educational experience in the United States today. Gaitte. Meets 7:30 M, Tu, W.

EPsy 322. Human Learning and Education. 2 credit hours.

Examination and study of human learning in children, adolescents, and adults. Consideration of theories of learning and theories of instruction, and their relevance to human learning in individual, group, and school situations. Prerequisite: EPsy 321, or an approved equivalent. Disney. Meets 11:30 M, Tu, W.

EPsy 323. Psychology and Problems in Education. 2 credit hours.

Study of role of psychology in a number of contemporary problems and issues in education. Knowledge of human learning, developmental processes, and group behavior will be related to particular current issues in education, e.g., the use of intelligence tests and testing programs in schools. Prerequisite: EPsy 321 and 322, or an approved equivalent, and some practical experience approved by department. Gaitte. Meets 9:30 M, Tu, W.

EPsy 405. Reading and Conference.

Credit hours to be arranged. Staff.

EPsy 407. Seminar. (G)

The following seminar topic is scheduled. Other topics and credit hours may be arranged.

Developmental Psychology of the Adolescent. 3 credit hours.

An examination of cognitive, physical, and social development through the adolescent years. A consideration of theories of adolescence, and of the major influences upon adolescent development: home and family, peers, school, physical growth and development. Interrelationship of the course of adolescent development and the educational experience in the United States. Lovell. Meets 8:30 M, Tu, W, Th.

EPsy 409. Practicum. (G)

The following practicum is scheduled. Other topics and credit hours may be arranged.

Test WISC/WAIS. 3 credit hours.

Practice in the use of the theory and concepts of individual intelligence testing, using the WISC/WAIS tests. Consent of instructor may be obtained from department office. Meets 9:30 M, Tu, W, Th.

EPsy 424. Measurement in Education. (G) 3 credit 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. The course includes simple statistics of test interpretation. Mittman. Meets 8:30 M, Tu, W, Th.

EPsy 439. The Gifted Child. (G) 3 credit hours.

The psychology, education, and guidance of the mentally superior and the extraordinarily gifted child. Lovell. Meets 10:30 M, Tu, W, Th.

EPsy 501. Research.

Credit hours to be arranged. Staff.

EPsy 503. Thesis.

Credit hours to be arranged. Staff.

EPsy 505. Reading and Conference.

Credit hours to be arranged. Staff.

EPsy 507. Seminar.

The following seminars are scheduled. Other topics and credits may be arranged.

Thesis. 1 credit hour.

Lovell. Meets 3:30-5:20 M.

Analysis of Published Research. 3 credit hours.

Selected educational research literature reviewed and analyzed from substantive and methodological point of view. The several forms of research: surveys, questionnaires, field studies, quasi-experiments, and experiments are considered. The course assumes no methodological prerequisite and is planned as a first course in research inquiry. No textbook, articles distributed at cost for student analysis and criticism. Dizney. Meets 9:30 M, Tu, W, Th.

EPsy 508. Workshop.

Credit hours to be arranged. Staff.

EPsy 509. Practicum.

Credit hours to be arranged. Staff.

EPsy 515. Educational Statistics. 3 credit hours.

Statistical analyses: presentation of data, probability, sampling theory, hypotheses testing, regression and correlation, analysis of variance. Mittman. Meets 1:30 M, Tu, W, Th.

Additional courses**EPsy 408. Workshop.****Orientation to Gerontology. (g) 2 or 3 credit hours.**

July 14-July 18. This workshop surveys a number of problem areas in gerontology. Staff. Meets 9:00-4:20 M-F, plus evening meetings on Tuesday and Thursday.

Applied Andragogy. (g) 2 or 3 credit hours.

July 21-July 25. A method of adult education and an experience in the process of teaching adults using small group methods.

(3 credits must fulfill post-workshop requirements.) Staff. Meets 9:00-4:20 M-F.

Demonstration of a Pre-retirement Program. (g) 4 credit hours.

July 28-August 8. Provides in-depth background and skills in designing, administering, and conducting pre-retirement programs. Staff. Meets 9:00-4:00 M-F.

EPsy 508. Workshop.**Evaluation of Teachers and Teacher Performance. 1 credit hour.**

July 12 (weekend). Examination of current approaches to the evaluation of teachers and teacher performance; relative strengths and weaknesses of the different approaches identified and discussed. Some simulation exercises will be used to enhance students' understanding of various procedures. Dizney, Gaite. Meets 8:00-4:00 Saturday.

Division of Teacher Education Curriculum and Instruction

Coordinator, Ray Hull, Ed.D., Associate Professor (science education, elementary education).

Keith A. Acheson, Ed.D., Associate Professor (secondary education, educational research and development).

Hooshi Bagheri, M.Ed., Graduate Teaching Fellow (science education).

Gary Burton, M.S., Clinical Professor (intern teacher education).

Judy Coffey, B.S., Graduate Teaching Fellow (counseling, disadvantaged youth education).

Ann Davis, M.A., Graduate Teaching Fellow (elementary education).

Edna P. DeHaven, Ph.D., Associate Professor (reading education, elementary education).

Gary Ferrington, M.S., Senior Instructor (educational media).

Beverly Flanagan, M.A., Graduate Teaching Fellow (reading education, secondary education).

Robert Hammond, Ed.D., Professor (evaluation).

William H. Harris, Ed.D., Associate Professor (inservice programs, curriculum innovations).

Karl Hesse, Ph.D., Assistant Professor (secondary reading education).

Kermit Horn, M.Ed., Graduate Teaching Fellow (environmental education).

Erma Inscore, B.A., Clinical Professor (intern teacher education).

Donald Jackson, M.S., Visiting Instructor (secondary education).

Mae Jackson, Ph.D., Associate Professor (reading education, elementary education).

Virginia Jeppesen, Ph.D., Visiting Assistant Professor (elementary education).

Edna Kehl, M.A., Clinical Professor (intern teacher education).

William E. Lamon, Ph.D., Associate Professor (mathematics education).

Richard LeFrancis, M.A., Clinical Professor (intern teacher education).

Susan Miller, M.Ed., Senior Instructor (instructional strategies).

Ann Murphy, M.A., Clinical Professor (elementary education, intern teacher education).

Kim Nelson, M.A., Graduate Teaching Fellow (educational media).

Vernice T. Nye, M.A., Associate Professor (social studies education, elementary education, early childhood education).

Roy Poole, Ph.D., Assistant Professor (disadvantaged youth education).

Mildred C. Robeck, Ph.D., Professor (early childhood education).

David Santellanes, Ph.D., Assistant Professor (community education).

Oscar Schaaf, Ph.D., Professor (mathematics education, secondary education).
John E. Suttle, Ed.D., Professor (supervision, curriculum development).
Robert Sylwester, Ed.D., Professor (science education, elementary education).
Abdulla Tarzaban, Ph.D., Visiting Assistant Professor (mathematics education).
Calvin Zigler, Ed.D., Clinical Professor (intern teacher education).

Eleven-week session (June 24-September 5)

CI 405. Reading and Conference.

Credit hours to be arranged.

CI 407. Seminar.

Credit hours to be arranged.

CI 409. Practicum.

Credit hours to be arranged.

CI 501. Research.

Credit hours to be arranged.

CI 503. Thesis.

Credit hours to be arranged.

CI 505. Reading and Conference.

Credit hours to be arranged.

CI 507. Seminar.

Credit hours to be arranged.

CI 508. Workshop.

Credit hours to be arranged.

CI 509. Practicum.

Credit hours to be arranged.

Eight-week session (June 24-August 15)

CI 405. Reading and Conference.

Credit hours to be arranged.

CI 407. Seminar. (G)

The following seminar topics and credits are scheduled. Other topics and credit hours may be arranged.

Tutorial. 1-4 credit hours.

Independent study and field work. Consent of instructor is required. Cawthorne, Bonner. Meetings to be arranged.

Tutoring I: ESCAPE. 1 credit hour.

Share experiences, share and solve problems, explore new resources, and report in a group setting. Information input is regarded as the groups' responsibility. Guest speakers, films, and readings in contemporary education. Coffey. 7:00-8:50 W evenings.

Leadership III: ESCAPE. 4 credit hours.

Provides training for all ESCAPE leaders in the program; reporting session with chief leaders in small group setting. Training in problem-solving, planning strategies, communication, and essentials to the operation of the program. Coffey. 7:00-9:50 Tu evenings plus 12 hours of supervisory field work.

Research and Design: ESCAPE. 5 credit hours.

Brainstorming, planning, and writing sessions in preparation for fall, winter, and spring terms. Research in suggested program changes. Designing of questionnaires and other instruments. Coffey. Meetings to be arranged.

CI 409. Practicum. (G)

ESCAPE. 1-9 credit hours.

Course credit for all tutor field work in ESCAPE. Experiences in variety of field settings; elementary and secondary tutors, community services. Tutor chooses in area of personal preference. Coffey. Meetings to be arranged.

CI 501. Research.

Credit hours to be arranged.

CI 503. Thesis.

Credit hours to be arranged.

CI 505. Reading and Conference.

Credit hours to be arranged.

CI 507. Seminar.

Credit hours to be arranged.

CI 508. Workshop.

Credit hours to be arranged.

CI 509. Practicum.

Credit hours to be arranged.

CI 537. Reading in the Elementary School. 3 credit hours.

Nature of the reading process, objectives, and organization of a desirable reading program; reading readiness, reading skills, procedures; procedures and materials for developing children's reading abilities; methods of diagnosing difficulties and evaluating progress. Prerequisite: CI 335 or equivalent, or teaching experience. M. Jackson. 7:30-9:30 M, W.

Additional courses

CI 333. Teaching Mathematics in Elementary School. 3 credit hours.

July 21-August 15. Arithmetic in the elementary program. Types of instruction, criteria for selection, placement, and organization of content. Schminke. 8:30-10:20 M, Tu, W, Th.

CI 336. Teaching Science in the Elementary School. 3 credit hours.

June 23-July 18. Emphasis on teaching the process of science, review of current science programs, utilization of a laboratory approach to teaching science. Hull. 2:30-4:20 M, Tu, W, Th.

CI 407. Seminar. (G)

The following seminars and credits are scheduled.

Community Education. (G) 3 credit hours.

June 24-July 18. Basic introduction to the philosophy of Community Education and the Community School concept with special emphasis on the historical and legal basis for Community Education; interagency relationships; facilities; community organization; and financing. Santellanes. 8:30-10:20 M, Tu, W, Th.

Community Education: Catalyst for Cooperation. (G) 2 credit hours.

June 18-June 20. Intensive course for all disciplines in human services and education. Emphasis on use of the Community School as a resource center for all disciplines, agencies, and programs in the community. Concepts and skills in Community Education, problem-solving at neighborhood level, development of cooperative processes between the service disciplines. Santellanes, staff. 8:30-4:20 W, Th, F.

Visual Literacy. (G) 3 credit hours.

June 24-July 18. A course concerned with the selection and use of photographic materials (slides, study prints, and motion pictures) to facilitate the development of visual observation and communication skills. Teaching children how to see, interpret, and make value judgments about the visual world around them. Lecture, laboratory, discussions. Ferrington. 2:30-4:20 M, Tu, W, Th.

Reading in the Primary Grades. (G) 3 credit hours.

July 21-August 15. Observation and assessment of critical pre-reading abilities in young children; materials and techniques of beginning reading instruction; analysis of associative and conceptual learning assumed in different approaches—with practice and self-evaluation in a field setting. Prerequisite: CI 335 or equivalent, or teaching experience. M. Jackson. 10:30-12:20 M, Tu, W, Th.

Reading in the Intermediate Grades. (G) 3 credit hours.

June 24-July 18. To develop knowledge and understanding of the use of multiple materials, teaching techniques, and organizational patterns for teaching reading in intermediate grades. Training in the use of a variety of teaching materials for reading instruction; knowledge of new or unusual techniques or developments in the field of reading; interpretation of materials read by thinking at factual, interpretive, and applicative levels. Prerequisite: CI 335 or equivalent, or teaching experience. Murphy. 10:30-12:20 M, Tu, W, Th.

(CI 407 Seminar topics continued)

Teaching Strategies. (G) 2 credit hours.

June 24-July 3. Instructor input, large and small group activities, handout materials, modeling and practice of teacher behaviors so that upon completion of course, students will be able to identify and use four basic communication skills, distinguish between instructor and instructional objectives, write specific instructional objectives in their teaching field, demonstrate support for student response by utilizing acceptance behaviors, distinguish among patterns of question asking, patterns of eliciting student response, four levels of question styles and four ways of giving directions. Dolan. 2:30-4:20 M, Tu, W, Th.

Secondary Educational Media. (G) 2 credit hours.

June 24-July 18, July 21-August 15. An introductory course in classroom media and communication techniques. Emphasis upon practical experiences by which one can learn to use educational media to communicate and transfer meaning. Experiences provided should be of immediate value and the student will pursue the use of media as an essential aspect of management of classroom learning in the years to come. First four weeks, Hull, second four weeks, Nelson. 8:30-10:20 M, Tu, W, Th.

Classroom Management. (G) 2 credit hours.

August 4-15. Current philosophies and practices of classroom management. Critique of classroom management competencies developed by the University's Teacher Education Committee, 1973-74. Development of performance criteria for relevant classroom management competencies. Tarzaban. Meets 8:30-10:20 M-F.

Intern Teaching. (G) 3 credit hours.

August 18-September 5. Practical insight into various areas which confront a beginning teacher; elementary curriculum, classroom management and control, parent conferences, differentiating instruction, lesson planning and preparation, and some methods and materials. Restricted to intern teachers. 8:30-12:20 M, Tu, W, Th.

Minority Problems in the Schools. (G) 3 credit hours.

June 24-July 18. Presents philosophical positions and concerns of Blacks, Chicanos, Native Americans, and Asians. Will provide proposals for educators to meet the needs of minorities in schools. Poole. 12:30-2:20 M, Tu, W, Th.

Theories of Research of the Poor. (G) 3 credit hours.

July 21-August 15. Analysis of two approaches to studying the phenomenon of poor academic performance among youth in low-income settings. Poole. 10:30-12:20 M, Tu, W, Th.

Classroom Communication Techniques. (G) 3 credit hours.

July 21-August 15. Discussion and skill development in techniques of interpersonal communication, group processes, enhancement of self-awareness, and value clarification for the elementary classroom. Jeppesen. 8:30-10:20 M, Tu, W, Th.

Drill, Practice, and Problem-Solving in Elementary Mathematics. (G) 2 credit hours.

July 21-August 1. Drill, practice and problem-solving are important aspects of elementary mathematics instruction. The role of these aspects in a total mathematics instruction will be the subject of study. Some commercial available materials will be examined to see how well these aspects integrate into the participants' elementary school mathematics programs. Schaaf. 2:30-4:20 M-F.

Creative Expression for the Young Child. (G) 3 credit hours.

July 21-August 15. Examination of development of language with major emphasis on learning through the psychomotor domain. Emphasis is given to teaching language and expression through creative interpretation of children's stories, movement, music, art and puppetry. Nye. 2:30-4:20 M, Tu, W, Th.

CI 408. Workshop.

Secondary Methods German. (G) 3 credit hours.

June 24-July 18. Observations, reading and discussion of current teaching laboratory and the electronic classroom. Films, TV tapes, etc. Speakers from Eugene schools and University. Demonstrations. Maveety. 9:30 M-F.

CI 409. Practicum. (G)

September Experience. (G) 1-3 credit hours.

August 18-September 5. Practicum for elementary or secondary preservice teachers involving placement in public school prior to beginning of University term. Hull. Meetings to be arranged.

CI 427. School Activities. (G) 3 credit hours.

July 21-August 15. Principles and purposes of school activities; pupil participation in school government; assemblies; clubs; social activities; athletics; speech activities; drama, music, publications; evaluation of the school activity program. Mortimer. 12:30-2:20 M, Tu, W, Th.

CI 428. Psychology of Reading. (G) 3 credit hours.

July 21-August 15. Nature of the reading process; factors of learning and development related to reading achievement; psychological foundations of methods and materials of reading instruction, nature and treatment of reading disability. Robeck. 12:30-2:20 M, Tu, W, Th.

CI 435. Educational Media. (G) 4 credit hours.

June 24-July 18; July 21-August 15. Development and use of audio-visual aids in education; emphasis on actual learning situations in which radio, recordings, films, slides, pictures, maps, charts are used; sources of materials and equipment; administration of audiovisual programs. Nelson. 10:30-12:20 M, Tu, W, Th; 2:30-4:20 M, Tu, W, Th.

CI 451. Early Childhood Education. (G) 3 credit hours.

June 24-July 18. Relationship of the development of young children to educational programs provided for them. Program planning, group behavior. Nye. 10:30-12:20 M, Tu, W, Th.

CI 469. Teaching Reading and Writing in the Secondary School. (G) 3 credit hours.

June 24-July 18; July 21-August 15. Basic principles of reading instruction; nature and scope of total reading program; methods, materials and organization of developmental and corrective reading programs in high school. Hesse; Flanagan. 10:30-12:20 M, Tu, W, Th; 2:30-4:20 M, Tu, W, Th.

CI 507. Seminar.

The following seminar topics and credit are scheduled for the dates shown.

Teaching Creative Writing in Elementary School. 3 credit hours.

July 21-August 15. Analysis of philosophy, objectives, environment, motivation, mental processes, language factors, and evaluation in planning an effective creative writing program. Participants will engage in a variety of activities which may be adapted for use in elementary school classrooms. DeHaven. 10:30-12:20 M, Tu, W, Th.

Reading and Application: Content. 3 credit hours.

July 21-August 15. Advanced course dealing with the development and application of critical reading abilities in specific content areas. Hesse. 10:30-12:20 M, Tu, W, Th.

Language Experience in the Primary Grades. 3 credit hours.

June 24-July 18. Psychological and philosophical rationale, techniques and materials in utilizing children's experience and language patterns in teaching communication skills. Place of language in socialization and cognitive development of the child. Organizing time, space, and instructional materials to encourage self-direction in oral expressions, creative and functional writing, encoding, decoding, and critical reading skills. Davis. 12:30-2:20 M, Tu, W, Th.

Learning Activity Packages. 4 credit hours.

June 24-July 18. Preparation and utilization of individualized materials including performance criterion, multi-media approaches, and evaluation. Acheson. 12:30-2:20 M, Tu, W, Th.

Interpersonal Communication. 4 credit hours.

June 24-July 3. Analysis of behaviors and other factors helping or hindering effective interpersonal communication; practice in developing effective interpersonal communication skills; analysis of personal style of interpersonal communication; implications of above for effective student and peer relationships in the teaching-learning setting. Harris. 8:30-12:20 M-F.

(CI 507 Seminar topics continued)

Observation and Analysis of Instruction. 3 credit hours.

July 21-August 15. Application of objective information recorded in the classroom to the analysis and diagnosis of instructional problems. The interpretation of matrices, diagrams, tapes and transcripts, uses of student feedback instruments. Acheson. 12:30-2:20 M, Tu, W, Th.

Clinical Supervision. 6 credit hours.

June 24-July 18. Investigation and application of the clinical cycle to classroom supervision. Attention is given to skills of communication, observation, analysis of teaching and conferencing. Suttle. 12:30-5:20 M, Tu, W, Th.

Questioning Strategies. 4 credit hours.

June 24-July 18. Use of a wide range of questioning to cause more productive thinking; planning and practicing use of questioning grids to develop concepts selected by the teacher; analysis of practice session. Miller. 10:30-12:20 M, Tu, W, Th.

Program Evaluation. 3 credit hours.

June 24-July 18. Designed to provide teachers, administrators and educational specialists opportunity to develop competencies for (1) generating program and evaluation design specifications, (2) managing evaluation activities, and (3) creating and applying research programs in the public schools. Hammond. Meets 8:30-10:20 M, Tu, W, Th.

Mass Media and the Curriculum. 3 credit hours.

June 24-July 18. An examination of the role and influence of mass media on the school curriculum and on students. Media sources such as television, film, popular magazines, architectural design, etc., will be investigated. Sylwester. 8:30-10:20 M, Tu, W, Th.

Math Learning in Young Children. 3 credit hours.

July 21-August 15. Critical appraisal and discussion of selected principles, theories, and research findings as found in modern instructional psychology in general and in Piagetian psychology in particular, and relevant to the teaching and learning of mathematics by five to twelve year old children. Lamon. Meets 12:30-2:20 M, Tu, W, Th.

CI 508. Workshop.

The following workshops and credits are scheduled for the dates shown.

Community Education. 2 credit hours.

August 11-15. Involvement and exposure to the many facets of Community Education development and operation of Community Schools. Numerous short presentations by resource persons. Group reaction panels. Discussion and action-oriented problem-solving groups. Santellanes. 8:30-4:20 M-F.

Environmental Education. 4 credit hours.

July 21-August 15. Examination of some basic issues relating to care and maintenance of the environment and relation of these issues to teaching activities in the elementary classroom. Horn. 12:30-2:20 M, Tu, W, Th. (Field activities may be scheduled on Fridays.)

Elementary Mathematics. 3 credit hours.

August 4-15. Introduces teachers to a modern Nuffield approach to the teaching of mathematics. Will involve construction of activities as well as introduction to mathematics processes for the elementary teacher. Tarzaban. Meets 1:30-4:50 M, Tu, W, Th.

Intern Teaching. 3 credit hours.

August 18-September 5. Interns will work on preparation of materials for the coming school year, with assistance from supervisors and clinical professors. Restricted to intern teachers. Meetings to be arranged.

CI 522. Secondary School Curriculum. 3 credit hours.

July 21-August 15. Secondary school curriculum, emphasizing various subject fields, organization of the school for curriculum development, educational objectives, course of study, evaluation of the secondary school program. Zigler. 2:30-4:20 M, Tu, W, Th.

CI 534. Science in the Elementary School. 3 credit hours.

June 24-July 18. Place of science in the elementary school, with particular reference to the value of science in the lives of chil-

dren; selecting and organizing content; coordinating science with elementary school activities; methods and materials. Bagheri. 10:30-12:20 M, Tu, W, Th.

CI 535. Social Studies in the Elementary School. 3 credit hours.

July 21-August 15. Social education objectives; children's social problems; unit development; work-study skills; organization of the problem; materials, research findings basic to the social education of children. Miller. 2:30-4:20 M, Tu, W, Th.

CI 536. Language Arts in the Elementary School. 3 credit hours.

June 24-July 18. 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. DeHaven. 2:30-4:20 M, Tu, W, Th.

CI 538. Mathematics in the Elementary School. 3 credit hours.

June 24-July 18. Number abilities needed by children; designing number experiences; theories of teaching; desirable teaching procedures; selection and use of materials. Lamon. 12:30-2:20 M, Tu, W, Th.

CI 542. Affective Development of the Child. 3 credit hours.

June 24-July 18. Discussion of Piaget's findings and their implications for education. Review of pertinent literature on child development. Robeck. 8:30-10:20 M, Tu, W, Th.

CI 553. Elementary School Curriculum. 4 credit hours.

July 21-August 15. Systematic study of 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 new curricular practices. Sylwester. 8:30-10:20 M-F.

CI 571. Junior High Curriculum. 3 credit hours.

July 21-August 15. Instructional programs and organizational patterns appropriate for the early adolescent years; emphasis on recent trends in instruction, staffing, and curriculum design. D. Jackson. 2:30-4:20 M, Tu, W, Th.

CI 574. School Supervision. 3 credit hours.

July 21-August 15. Role of the supervisor in keeping education geared to the changing demands of society. Theories of leadership, group processes, individual conference techniques, action research and related approaches to curriculum change. Analysis of supervisory problems. Suttle. 10:30-12:20 M, Tu, W, Th.

CI 594. Methods in Secondary School Mathematics. 3 credit hours.

June 24-July 18. Development of proficiency in the use of problem-solving approach to the teaching of topics in arithmetic, algebra, geometry, and advanced high school mathematics. Review of current mathematics curricula. Schaaf. 12:30-2:20 M, Tu, W, Th.

Special Education

Coordinator, V. Knute Espeseth, Ph.D., Associate Professor (crippled and other health-impaired).

Barbara Bateman, Ph.D., Professor (learning disabilities).

Faye Haisley, Ph.D., Visiting Assistant Professor (learning disabilities).

James McDonald, Ph.D., Assistant Professor (behavior disorders).

Kathleen McManman, M.S., Graduate Teaching Fellow (learning disabilities).

Herbert J. Prehm, Ph.D., Professor (mental retardation).

Barbara Ring, Ph.D., Assistant Professor (learning and behavior disorders).

George Sheperd, Ed.D., Associate Professor (mental retardation).

Joyce Spence, Ph.D., Assistant Professor (behavior disorders).

John Stamm, Ph.D., Assistant Professor (mental retardation).

Martin Waechter, Ph.D., Visiting Assistant Professor (severely handicapped).

Carolyn Witcher, M.A., Instructor (disadvantaged).

Ruth Waugh, Ph.D., Associate Professor (learning disabilities).

Eight-week session (June 24-August 15)**SpEd 407. Seminar. (G)**

Credit hours to be arranged.

SpEd 409. Practicum. (G)

Credit hours to be arranged.

SpEd 462. Psychology of Exceptional Children. (G) 3 credit hours.

The characteristics and problems of exceptional children, including definitions, classification, psycho-educational characteristics, and adult adjustment. Special emphasis given to current controversies and future trends. Prehm. Meets 6:30-10:20 Tu evenings.

SpEd 485. Behavior Management with Exceptional Children. (G) 4 credit hours.

Introduction to the use of behavioral principles in day-to-day classroom interactions to foster a child's motivation, positive attitudes, academic achievement, and social development. Study of the varieties of problem behaviors and ways to reduce them. Examination of methods of effective large group management to facilitate each child's progress. McDonald. Meets 1:30-3:20 M, W.

SpEd 507. Seminar.

The following topics are scheduled. Others may be arranged.

Historical and Legislative Bases for Special Education. 3 credit hours.

Major historical and philosophical contributions to special education; national, state, and local legislative and financial basis of special education; the rationale for all types of special education services; comparison of objectives of regular and special education; personal philosophies of special education. Espeseth. Meets 3:30-5:20 M, W.

Precision Teaching. 3 credit hours.

Procedures are based on the traditional concept of measuring and recording behavior. Special procedures are designed to enable the teacher to discover the abilities of each student, plan an individual program according to objective daily data, and assess the merits of the teaching program according to pupil progress. Waechter. Meets 6:30-10:20 M evenings.

SpEd 501. Research.

Credit hours to be arranged. Staff.

SpEd 503. Thesis.

Credit hours to be arranged. Staff.

SpEd 505. Reading and Conference.

Credit hours to be arranged. Staff.

SpEd 509. Practicum.

Credit hours to be arranged.

Behavior Disorders**SpEd 463. Introduction to Behavior Disorders. (G) 3 credit hours.**

Overview of behavioral disorders observed in children. Primary emphasis is on school children who experience adjustment and behavior problems. Introduces behavioral, dynamic, sociological, and psychoeducational points of view and a functional use of theory in daily classroom practice. McDonald. Meets 1:30-3:20 Tu, Th.

Courses needed for Oregon Basic Norm Endorsement in the area of the Physically Handicapped are available through reading and conference. Confer with Dr. V. Knute Espeseth for further details regarding these offerings.

Learning Disabilities**SpEd 409. Practicum.****Diagnosis and Remediation of Learning Disabilities. (G) 3-6 credit hours.**

Laboratory in diagnostic and prescriptive teaching with children who have learning disabilities. Prerequisite: prior or concurrent enrollment in SpEd 465; consent of instructor (may

be obtained from Barbara Ring). Meets 8:30-12:00 M, Tu, W, Th.

SpEd 465. (A) Diagnostic Techniques in the Basic Skills. (G) 3 credit hours.

Comparison of various methods used in diagnosis of reading problems. Development of a task analysis of the reading process from recent research data. Selection, administration, and analysis of criterion- and norm-referenced tests. Utilization of criterion-referenced tests in simulated diagnostic sessions. Study of characteristics of reading methods used in classroom instruction. Adaptation of these methods for the learning disabled child. Elementary level. Haisley. Meets 7:30 M, Tu, W, Th.

SpEd 465. (B) Diagnostic Techniques in the Basic Skills. (G) 3 credit hours.

Comparison of various methods used in diagnosis of reading problems. Development of a task analysis of the reading process from recent research data. Selection, administration, and analysis of criterion- and norm-referenced tests. Utilization of criterion-referenced tests in simulated diagnostic sessions. Study of characteristics of reading methods used in classroom instruction. Adaptation of these methods for the learning disabled child. Junior high and secondary levels. Waugh. Meets 7:30 M, Tu, W, Th.

SpEd 507. Seminar.**Learning Resource Consultant. 3 credit hours.**

Designed to: (1) identify the role of the resource consultant, (2) develop competencies needed by resource consultants, (3) examine various types of models for support services to regular classes. Haisley. Meets 6:30-10:20 W evenings.

SpEd 509. Practicum.**Diagnosis and Remediation of Learning Disabilities. 3-6 credit hours.**

Consultation with teachers of children with learning disabilities. Extension and improvement of skills required for instruction of children with severe learning disabilities. Prerequisite: SpEd 465, SpEd 468, SpEd 409 Practicum: Learning Disabilities; consent of instructor (may be obtained from Barbara Ring). Haisley, Waugh. Meets 8:30-12:00 M, Tu, W, Th.

Mental Retardation**SpEd 464. Mentally Retarded Child. (G) 3 credit hours.**

Problems, issues, and concepts related to (1) definition and measurement of mental retardation; (2) biomedical and socio-cultural causes of mental retardation; (3) psychological and educational performance of the retarded; (4) socio-vocational adaptation of retarded individuals. Prehm. Meets 6:30-10:20 M evenings.

SpEd 507. Seminar.**Advanced Curriculum for the Mentally Retarded. 3 credit hours.**

Provides students with a working knowledge of (1) learning characteristics of the mentally retarded and their implication in selection of various teaching methods; (2) examination of efficacy studies; (3) classroom management and instructional planning for the mentally retarded including resource and teaching units, daily planning, grouping and seatwork; (4) in-depth consideration of specific curriculum areas; (5) philosophical bases for special classes for the mentally retarded; (6) the role of teachers and administrators; (7) legal bases for educational programs for the mentally retarded; and (8) review of instructional materials. Sheperd. Meets 6:30-10:20 W evenings.

SpEd 563. Diagnosis of Mental Retardation. 3 credit hours.

Reviews past and current trends in diagnosis and classification of mental retardation. Emphasizes differential diagnosis as it relates to placement. Evaluates traditional as well as emerging diagnostic techniques. Student either observes or participates or both in clinical conference on case study. Consent of instructor is required. Enrollment limited to 20 students. Espeseth. Meets 3:30-5:20 Tu, Th.

Additional courses**SpEd 466. Introduction to Learning Disabilities. (G) 3 credit hours.**

July 21-August 1. Introduction to history and current practices in diagnosis and remediation of learning disabilities. Presents major theories of etiology, commonly used assessment instruments, and remedial materials and methods. Introduces issues and controversies in the field. Major focus is on learning disabilities related to academic achievement, language, and perceptual disorders. Approximately equal emphasis will be given to etiological, diagnostic-remedial, and task analytic views of learning problems. Bateman. Meets 12:30-3:20 M, Tu, W, Th.

SpEd 468. Remediation of Basic Skills. (G) 3 credit hours.

June 24-July 18. Comparison and evaluation of instruments, instructional strategies and materials for use with children with learning problems. Focus is on the academic areas of language, spelling, handwriting and arithmetic. Prerequisite: SpEd 465 and SpEd 409 Practicum: Learning Disabilities. Ring. Meets 12:30-2:20 M, Tu, W, Th.

SpEd 486. Design of Instruction for the Handicapped. (G) 3 credit hours.

June 24-July 3. Design, development, and evaluation of instructional conditions for handicapped children. Emphasis is on behavioral definitions of instructional objectives, analysis of learning tasks into instructional hierarchies, selection of appropriate media and materials, individualization of instruction, and objective-based evaluation of instructional outcomes. Stamm. Meets 12:30-3:20 M, Tu, W, Th.

SpEd 407. Seminar. (G)

The following seminar topics and credits are scheduled for the dates shown.

Direct Instruction, Reading and Arithmetic. 3 credit hours.

July 7-July 18. An introduction to Engelmann's approach to teaching reading and arithmetic. Emphasis will be on the first-level DISTAR programs; outlines of levels 2 and 3 will be presented. Rationale, correction procedures, and a heavy emphasis on format practice will be included. Witcher. Meets 8:30-12:00 M, Tu, W, Th.

Teaching the Severely Handicapped. 3 credit hours.

July 7-July 18. A survey of available strategies for teaching severely handicapped persons, emphasizing (1) identification

and analysis of meaningful procedures, and (3) evaluation of instructional programs. The course is appropriate for persons interested in or involved with severely handicapped persons in institutions, workshop and activity programs, and school and preschool settings. Stamm. Meets 12:30-3:20 M, Tu, W, Th.

SpEd 507. Seminar.

The following graduate seminar topics and credits are scheduled for the dates shown.

Early Childhood Education for the Handicapped. 3 credit hours.

June 24-July 18. Efficacy of early education programs in general and for the handicapped in particular; identification procedures, evaluation systems, administrative placement programs, teaching methods and materials, and relationships to other educational programs; practical application rather than theory. Sheperd. Meets 3:30-5:20 M, W.

Communication-Counseling for Teachers of Exceptional Children. 3 credit hours.

July 21-August 15. Increase of interpersonal communication skills in order to facilitate one's role as a change agent, and to increase one's knowledge of the role of effective communication and group processes. Spence. Meets 6:30-10:20 Tu, Th evenings.

Advanced Administration of Special Education. 3 credit hours.

June 24-July 3. Mutual development of a concept of pupil-personnel services based on interpersonal and group processes. Emphasis on development of services oriented to pupil needs rather than generalized professional roles. Consideration of various types of administrative structures for managing and applying supportive resources. Meets 1:30-4:20 M, Tu, W, Th.

SpEd 562. Issues in Extreme Learning Disorders. 3 credit hours.

August 4-August 15. Current issues in the field of learning disorders: definitional problems surrounding the relationships among mental retardation, emotional disturbance, cultural factors and learning problems; the issue of whether learning disabilities are inherent within the child or within the environment; the extent to which learning disorders, primarily reading problems, can be prevented by specific training; the evaluation of new approaches and materials; the efficacy of predicting learning disorders; the role of the learning disabilities teacher; the accountability of remedial programs. Bateman. Meets 12:20-3:20 M, Tu, W, Th.



College of Health, Physical Education, and Recreation

Dean, Lynn S. Rodney, Ph.D.

Associate Dean, Betty F. McCue, Ph.D.

Associate Dean, William P. Rhoda, D.Ed.

Health Education

Department Head, Warren E. Smith, Ed.D., Professor (world health, safety, school health education, mental health).

Lorraine G. Davis, Ph.D., Assistant Professor (research and statistics, personal and community health).

Thomas G. Flora, M.Ed., Visiting Assistant Professor (school health education, teacher training).

Robert E. Kime, Ph.D., Professor (sex education, school health education, consumer health).

Linda Kroeger, R.N., M.S., Assistant Professor (first aid and safety, personal health).

Richard G. Schlaadt, Ed.D., Associate Professor (school health, drug education, teacher training).

Eight-week session (June 24-August 15)

HE 250. Personal Health. 3 credit hours.

Personal health problems of university men and women; implications for family life, mental health, communicable diseases, degenerative diseases, nutrition. Satisfies the University requirement in health education for men and women. Flora. Meets 9:30 M, Tu, W, Th.

HE 405. Reading and Conference.

Credit hours to be arranged.

HE 406. Special Problems.

Credit hours to be arranged.

HE 409. Practicum.

Credit hours to be arranged.

HE 501. Research.

Credit hours to be arranged.

HE 503. Thesis.

Credit hours to be arranged.

HE 505. Reading and Conference.

Credit hours to be arranged.

HE 506. Special Problems.

Credit hours to be arranged.

HE 509. Practicum.

Credit hours to be arranged.

Additional courses

HE 260. First Aid. 3 credit hours.

June 24-July 18. Immediate and temporary care for a wide variety of injuries or illnesses; control of bleeding, care for poisoning, and proper methods of transportation, splinting, and bandaging. Successful completion of the course leads to the new Red Cross standard and personal safety certification or the new advanced and emergency care certification. Kroeger. Meets 12:30-2:20 M, Tu, W, Th.

HE 440. Elementary School Health Education. (G) 3 credit hours.

June 24-July 18. Orients the teacher to the broad health field, the principles and procedures of organizing and administering the school health program, including the health services and the healthful school environment. Special attention to significant health problems and development of the health instruction phase through the introduction of recent content, methods and materials. Smith. Meets 10:30-12:20 M, Tu, W, Th.

HE 443. School Health Coordinator. (G) 3 credit hours.

June 24-July 18. Prepares teachers to serve effectively as school health coordinators. Emphasis on school health programs coordination, service as a liaison between school, home and community health agencies. Schlaadt. Meets 1:30-3:20 M, Tu, W, Th.

HE 507. Seminar.

Fundamentals of Statistics in Health. 3 credit hours.

June 24-July 18. Designed to prepare students to plan the collection of data as well as to present and analyze health information and related data. Davis. Meets 10:30-12:20 M, Tu, W, Th.

HE 541. Philosophy and Curriculum Design in Health Education. 3 credit hours.

June 24-July 18. Philosophy, foundations and principles of curriculum organization for health education at the elementary, secondary and collegiate levels. Kime. Meets 8:30-10:20 M, Tu, W, Th.

HE 406. Special Problems. (G)

Community Health Resources. (G) 3 credit hours.

July 21-August 15. Exploration and examination of agencies and programs involved in community and school health problems, the issues involved. Special attention to the available resources within the community. Davis, Flora, Kroeger. Meets 10:30-12:20 M, Tu, W, Th.

Humanizing the Classroom. (G) 3 credit hours.

July 21-August 15. Current humanistic issues and problems facing the health education classroom with special attention to inquiry processes, group interaction, communication skills and valuing. Kime and Schlaadt. Meets 8:30-10:20 M, Tu, W, Th.

HE 408. Workshop.

Quality of Life From a Health Perspective. (G) 3 credit hours.

July 28-August 2. For teachers and interested persons who want to deal with the quality of life from a health perspective. Topics, primarily outdoor environmental experiences, are ecology, environmental health, recreational activities, fitness, accident prevention, survival and rescue techniques. Davis, Smith, and consultants. Meets 1:30-5:20 M, Tu, W, Th and 8:30-5:20 F, Sat.

Mental Health and Aging. (G) 3 credit hours.

August 11-15. A survey of topics to be considered in meeting mental health needs of older people, which includes a look at the roles of professionals and paraprofessionals in the delivery of services to meet these needs. Meets 9:00-4:00 M-F.

Physical Education

Department Head, Vernon S. Sprague, Ph.D., Professor (administration).

Jack D. Adler, D.Ed., Associate Professor (motor learning).

John W. Borchardt, Ph.D., Associate Professor (intramurals).

Jan Broekhoff, Ph.D., Professor (statistics research, child development).

Eugene Evonuk, Ph.D., Professor (exercise physiology).

Betty F. McCue, Ph.D., Professor (history and philosophy).
Corlee Munson, Ph.D., Associate Professor (elementary school education).
Edward R. Reuter, Ph.D., Associate Professor (tests and measurements).
William P. Rhoda, Ed.D., Professor (research, statistics).
Robert Ritson, Visiting Instructor (elementary school physical education).
Donald Van Rossen, Ph.D., Associate Professor (sports psychology).
Edna P. Wooten, Ph.D., Professor (exceptional child).
Lois J. Youngen, Ph.D., Associate Professor (service program).

Eight-week session (June 24-August 15)

PE 199. Special Problems. 1-3 credit hours.

Credit hours and topics to be arranged. Approval of department head required.

PE 199. Scuba. 2 credit hours.

Van Rossen. Meets 8:30-9:20 M, Tu, W, Th.

PE 321. Games and Sports Skills. 2 credit hours.

Values, purposes, and uses of creative games, games of low organization, basic skills and lead-up activities for children. General information, methods of instruction, and time allotments appropriate for elementary school program. Ritson. Meets 1:30-2:20 M, Tu, W, Th.

PE 322. Posture and Developmental Activities. 2 credit hours.

Values, purposes and uses of mechanics of movement, posture screening, and developmental activities for children. General information, methods of instruction, and time allotments appropriate for elementary school program. Ritson. Meets 2:30-3:20 M, Tu, W, Th.

PE 323. Rhythms and Dance. 2 credit hours.

Dance program for children in the elementary school. Basic movement activities including locomotor and nonlocomotor movement, original dance patterns. General information, methods of instruction, and time allotments appropriate for elementary school program. Ritson. Meets 11:30-12:20 M, Tu, W, Th.

PE 405. Reading and Conference.

Credit hours to be arranged. Reading and assignments in connection with other courses for extra credit. Honors readings. Consent of instructor and approval of the department head required.

PE 406. Special Problems.

Credit hours to be arranged. Approval of department head required.

PE 406. Special Problems. (G)

Credit hours to be arranged.

PE 407. Seminar.

Credit hours to be arranged.

PE 407. Seminar. (G)

Physical Education and Community Recreation. (G) 3 credit hours.

Basic concepts and analysis orientation of community recreation and its relationship to physical education and the public schools; organizational and administrative problems; types of programs; selected field trips. Rodney. Meets 6:30-9:30 Tu evenings plus 1 additional hour to be arranged.

PE 409. Practicum.

Credit hours to be arranged. Supervised field laboratory work; clinical or in-service educational experiences. Such experiences should involve planned programs of activities and study, with assured provisions for adequate supervision. Approval of department head required. The following is scheduled; others may be arranged.

Field Work for Aquatic Option students. Credits to be arranged (maximum, 9). Van Rossen. Meetings to be arranged.

PE 446. Tests and Measurements. (G) 3 credit hours.

Use of tests and measurements in physical education; evaluation of objectives, programs, and student achievement through measurement techniques. Reuter. Meets 3:30-4:20 M, Tu, W, Th.

PE 501. Research.

Credit hours to be arranged. No-grade course.

PE 503. Thesis.

Credit hours to be arranged. No-grade course.

PE 505. Reading and Conference.

Credit hours to be arranged.

PE 506. Special Problems.

Credit hours to be arranged.

PE 507. Seminar.

Credit hours to be arranged. Exploration, with small groups of students, of specific topics, within a division's field of study, which are not covered in regularly organized courses. The following topics are scheduled.

Advanced Physiology of Exercise. 4 credit hours.

Physiological principles and facts related to human performance, physical conditioning and training. Prerequisite: Bi 321, 322. Evonuk. Meets 8:30-9:20 M, Tu, W, Th plus laboratory.

Human Movement and the Philosophy of the Body. 3 credit hours.

A thorough study of philosophic positions with regard to the human body, contrasting traditional dualism with modern existential and phenomenological analyses. Special emphasis will be given to the way in which physical education programs and sport experiences reflect the various philosophies of the body and of human movement. Broekhoff. Meets 11:30-12:20 M, Tu, W, Th.

PE 508. Workshop.

Credit hours to be arranged.

PE 509. Practicum.

Supervised field laboratory work; clinical or in-service educational experiences. Such experiences should involve planned programs of activities and study, with assured provisions for adequate supervision. Approval of department head required.

PE 515. History of Physical Education. 3 credit hours.

A history of physical education from its earliest development up to the eighteenth century, followed by consideration of the various physical education systems in Europe and their transfer and adaptation to the United States. McCue. Meets 2:30-3:20 M, Tu, W, Th.

PE 520. Physical Fitness Programs. 3 credit hours.

Programs to meet individual physical fitness and social needs through physical education activities; case-study techniques, developmental programs, development of social traits; administrative problems. Prerequisite: PE 444, PE 446. Reuter. Meets 11:30-12:20 M, Tu, W, Th.

PE 523. Individual and Adapted Physical Education. 3 credit hours.

The metabolic, neurologic, cardiac, and respiratory conditions, and planning physical education programs for students with these conditions. Wooten. Meets 12:30-1:20 M, Tu, W, Th.

PE 533. Motor Skill Learning. 3 credit hours.

Review of the psychology of learning as it pertains to motor skills; research bearing upon the teaching and learning of gross motor skills. Prerequisite: PE 517, PE 540, at least one year's teaching experience. Adler. Meets 1:30-2:20 M, Tu, W, Th.

PE 537. Sports Psychology. 3 credit hours.

Analysis of psychological factors and principles affecting physical performance, behavior, and emotions in sports; differences between individuals and between teams. Van Rossen. Meets 6:30-9:20 M, W evenings plus 1 hour to be arranged.

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

Elementary statistics applied to research, including central tendency, variability, normal probability curve, reliability, and correlation. Broekhoff. Meets 1:30-2:20 M, Tu, W, Th.

PE 544. Critique and Interpretation of Research. 3 credit hours.

Examination of completed research in health, physical education, and recreation; exercises in applying research results to practical situations. Rhoda. Meets 2:30-3:20 M, Tu, W, Th.

PE 555. Intramural Organization and Management. 3 credit hours.

Nature and purposes of intramural programs; history of their development. Departmental organization. Relationship of the program to physical education instruction. Administrative problems. Borchardt. Meets 12:30-1:20 M, Tu, W, Th.

PE 556. Administration of Buildings and Facilities. 3 credit hours.

Building layout and equipment; the relationship of the various functional units—equipment service, dressing facilities, activity spaces, administrative units, permanent and dismantlable equipment. Rhoda. Meets 8:30-9:20 M, Tu, W, Th.

Service (Activity) Courses for Men and Women (1 credit hour, each section). Meet at indicated times on M, Tu, W, Th except where otherwise noted. Staff.**CPE 124. Weight Training/Conditioning.**

Section 1, 9:30; Section 2, 11:30.

CPE 126. Jog/Run.

Section 1, 7:30; Section 2, 8:30.

CPE 143. Beginning/Intermediate Swimming.

Section 1, 1:30; Section 2, 2:30; Section 3, 3:30.

CPE 343. Intermediate Swimming.

Section 1, 9:30; Section 2, 10:30.

CPE 145. Canoeing.

Section 1, 10:30-12:20 M, W. Fee, \$3.00 to \$7.00.

CPE 149. Beginning Sailing (Sailing Club).

Section 1, 7:00 W evenings plus lab. Fee, \$25.00.

CPE 160. Volleyball.

Section 1, 9:30; Section 2, 12:30.

CPE 163. Archery.

Section 1, 7:00-8:50 M, W evenings.

CPE 166. Bowling (EMU).

Section 1, 12:30. Fee, \$12.00.

CPE 168. Beginning/Intermediate Golf.

Section 1, 9:30-11:20 M, W. Fee, \$15.00

CPE 174. Beginning Tennis.

Section 1, 7:30; Section 2, 8:30; Section 3, 9:30; Section 4, 10:30; Section 5, 11:30; Section 6, 12:30; Section 7, 1:30; Section 8, 2:30.

CPE 177. Beginning Mountaineering.

Section 1, 7:00-8:50 Tu evenings plus 2 weekends. Fee, \$12.50.

CPE 373. Intermediate Tennis.

Section 1, 7:30; Section 2, 8:30; Section 3, 9:30; Section 4, 10:30; Section 5, 7:00-8:50 Tu, Th evenings.

CPE 374. Advanced Tennis.

Section 1, 12:30; Section 2, 7:00-8:50 M, W evenings.

CPE 179. Mountain Hiking.

Section 1, 2, and 3, 7:30-5:20 F (3 meetings only). Fee, \$11.00.

CPE 180. Beginning Riding.

Stallings. Section 1, 10:30-12:20 M, W. Fee, \$60.00.

CPE 181. Jumping.

Stallings. Section 1, 8:30-10:20 M, W. Fee, \$65.00.

CPE 380. Intermediate Riding.

Stallings. Section 1, 11:30-1:20 M, W. Fee, \$60.00.

CPE 381. Advanced Riding.

Stallings. Section 1, 9:30-11:20 M, W. Fee, \$60.00.

PE 199. Special Problems: Scuba. 2 credit hours.

Section 1, Van Rossen. Meets 8:30-9:20 M, Tu, W, Th.

Additional courses**PE 406. Special Problems.****Coaching Children and Youth. 2 credit hours.**

June 24-July 18. This course is designed to give theoretical and practical experience to nonprofessional personnel who desire to coach children and youth. The primary emphasis is placed on community operated competitive athletic programs operating outside the school system. Riggins. Meets 6:30-9:00 M, W evenings.

PE 408. Workshop. (G)**Nondiscrimination in Educational Activities. (G) 2-3 credit hours.**

July 11, 12, 13. An intensive interpretation of the impact and implementation of HEW Title IX regulations. Discussion of effect of these on school physical education, athletic, intramural, and other school activities. Interpretations by regional and national representatives from the Health, Education, and Welfare Offices for Civil Rights. Sprague. Meets 9:00-5:00 each day.

July 18. Students wanting to earn 3 credits for this course will return for one extra day.

PE 421. Scientific Foundations of Physical Education. (G) 4 credit hours.

June 24-July 18. Anatomical, physiological, growth and motor skill development, factors basic to allied health fields, physical education, recreation, dance, and athletic programs. Wooten. Meets 9:30-11:20 M, Tu, W, Th.

PE 422. Scientific Foundations of Physical Education. (G) 4 credit hours.

July 21-August 15. Anatomical, physiological, growth and motor skill development, factors basic to allied health fields, physical education, recreation, dance, and athletic programs. Wooten. Meets 9:30-11:20 M, Tu, W, Th.

PE 554. Administration of Athletics. 3 credit hours.

June 24-July 18. Historical development of athletics and their control. Place of athletics in education; purposes, administrative control, management, operational policies, care of equipment and facilities. Sprague. Meets 9:30-11:20 M, Tu, W, Th.

Master Teacher Institute

Individual courses open to all graduate students.

PE 444. Physical Education for the Exceptional Student. (G) 3 credit hours.

July 21-August 15. Survey of common deviations of posture and feet, functional disturbances, and crippling conditions found in school children. Consideration of the extent and limitations of the teacher's responsibility for their amelioration or improvement. Prerequisite: Bi 391, 392; PE 472. Staff. Meets 7:30-9:20 M, Tu, W, Th.

PE 506. Special Problems.**Analysis: Innovative Sports. 3 credit hours.**

July 21-August 15. Analysis, methodology, program and activity skills of bicycling, karate, yoga and mountaineering. Staff. Meets 11:30-1:20 M, Tu, W, Th.

Analysis: Physical Education Teaching Strategies. 3 credit hours.

June 24-July 18. Advanced laboratory experiences in general, diagnostic and prescriptive techniques of teaching. Includes analysis and teaching strategies for selected content (activity) areas of the physical education curriculum. Youngen. Meets 11:30-1:20 M, Tu, W, Th.

PE 567. Motor Development in Infancy and Childhood. 3 credit hours.

June 24-July 18. Study of the acquisition of motor skills during the first decade of life. Prerequisite: PE 446 or Psy 460, or consent of instructor. Adler. Meets 7:30-9:30 M, Tu, W, Th evenings.

Workshops**PE 408. Workshop. (G)****Motor Activity for Early Childhood. (G) 3 credit hours.**

June 16-June 20. Motor activities for pre-school and primary age children: emphasis on appropriate childhood activities, principles, teaching strategies, and laboratory applications. Munson. Meets 8:30-4:20 M-F.

Community Aquatic Management. (G) 3 credit hours.

June 16-June 20. Designed for the aquatic worker of school and community swimming pools. Lectures and field experience to develop written materials, knowledges and insights for interpretations of developing a community aquatic program. Van Rossen. Meets 8:30-5:00 M-F.

Dance

Acting Department Head, Linda S. Hearn, M.A., Associate Professor (dance).

Janet W. Descutner, M.A., Assistant Professor (modern, jazz, notation, composition, choreography).

Ann I. Rodiger, M.A., Instructor (modern, folk, notation).

Eight-week session (June 24-August 15)

D 492. Dance Apprentice. 2 credit hours.

For professional students. Activities related to the teaching of dance. Hearn. Time to be arranged.

D 409. Practicum. (G) 1-3 credit hours.

Credit hours to be arranged. Hearn.

D 501. Research.

Credit hours to be arranged.

D 503. Thesis.

Credit hours to be arranged.

D 506. Special Problems.

Credit hours to be arranged.

Additional courses

June 24-July 25. CPE (co-ed physical education) classes offered by the Department of Dance may serve to meet the University's five-term physical-education requirement for graduation. The CPE classes are instructional in nature with emphasis on the practical techniques of the various forms of dance. The classes will meet for four hours a week for five weeks, plus an additional practice session to be arranged one hour per week.

CPE 180. Beginning Modern Dance. 1 credit hours.

Rodiger. Meets 11:30 M, Tu, W, Th plus a one-hour workout to be arranged.

CPE 188. Beginning Jazz Dance. 1 credit hour.

Descutner. Section 1 meets 10:30 M, Tu, W, Th plus a one-hour workout to be arranged. Descutner. Section 2 meets 11:30 M, Tu, W, Th plus a one-hour workout to be arranged.

CPE 197. Beginning Tap Dance. 1 credit hour.

Descutner. Meets 2:30 M, Tu, W, Th plus a one-hour workout to be arranged.

CPE 198. International Folk Dance. 1 credit hour.

Rodiger. Meets 9:30 M, Tu, W, Th.

The professional dance courses (D) may serve to meet departmental requirements of students declaring a dance major. Students in other fields of study may elect to enroll in these classes. Consent of the Department Head is required of all students.

D 253. Movement Notation (Elementary). 3 credit hours.

A study of the process of recording movement graphically. Consent of instructor is required. Rodiger. Meets 12:30-2:20 M, Tu, W, Th.

D 451. Dance Production. 3 credit hours.

Production theory and practice of lighting the dance. Consent of instructor is required. Hearn. Meets 9:30-11:20 M, Tu, W, Th.

Recreation and Park Management

Department Head, Phyllis M. Ford, Re.D., Professor (outdoor recreation, outdoor education).

Effie L. Fairchild, Ed.D., Assistant Professor (community education, leadership).

Fred W. Martin, Ed.D., Assistant Professor (therapeutic recreation, research).

Larry L. Neal, Ed.D., Associate Professor (administration, supervision).

Eight-week session (June 24-August 15)

RPM 405. Reading and Conference.

Credit hours to be arranged (3, maximum). Approval of department head is required.

RPM 406. Special Problems.

Credit hours to be arranged (3, maximum). Approval of department head is required.

RPM 407. Seminar. (G)

Leisure in Contemporary Society. (G) 3 credit hours.

Overview of impact of leisure on social institutions and challenge of educating for leisure. Neal. Meets 12:30 M, Tu, W, Th.

Recreation Studies and Surveys. (G) 3 credit hours.

Methods, techniques, and application of evaluation in a variety of functions normally found in leisure services; includes participants, programs, personnel, facilities, and organization. Neal. Meets 10:30 M, Tu, W, Th.

RPM 415. Supervised Field Study. 1-15 credit hours.

Department prerequisite: RPM majors with department approval. Staff. Meetings to be arranged.

RPM 492. Recreation and Natural Resources. (G) 3 credit hours.

Administration of natural resources at the national, state, local, and private levels, with emphasis on the understanding of how outdoor recreation affects and is affected by the resources and the management philosophy and policies of the management agencies. Ford. Meets 6:00-10:00 Monday evenings plus field trips.

RPM 501. Research.

Credit hours to be arranged. Approval of adviser and department head is required. Staff.

RPM 503. Thesis.

Credit hours to be arranged. Approval of adviser and department head is required. Staff.

RPM 505. Reading and Conference.

Credit hours to be arranged. Approval of department head is required. Staff.

RPM 506. Special Problems.

Credit hours to be arranged. Approval of department head is required. Staff.

RPM 509. Practicum.

Credit hours to be arranged.

RPM 511. Philosophical Foundations of Recreation. 3 credit hours.

An examination of historical theories of play and leisure, and analysis of fundamental philosophical concepts as they relate to principles and practices of the conduct of programs for leisure and a critical overview of current literature on the challenges of leisure. Consent of instructor is required. Ford. Meets 6:00-9:50 W evenings.

Additional courses

RPM 407. Seminar.

Community Education: Catalyst of Cooperation. (G) 2 credit hours.

June 18-20. Jointly sponsored by the Department of Recreation and Park Management of the College of Health, Physical Education and Recreation, CSPA, and the Northwest Community Education. Emphasis on use of the community school as a resource center for all disciplines, agencies, and programs in the community. Concepts and skills in community education, problem-solving at neighborhood level, development of cooperative processes between the service disciplines. Materials and other resources from national, regional, and local levels on development, implementation, and future prospects for the community school. Three sessions daily (morning, afternoon, evening) including time in active community-education processes. Fairchild. Meets 8:30-4:20 W, Th, F.

Introduction to Therapeutic Recreation. (G) 3 credit hours.

June 24-July 18. An introductory course in recreation for the disabled. This course or an equivalent one is prerequisite to RPM 460 (G). Martin. Meets 8:30-10:20 M, Tu, W, Th.

(RPM 407 Seminar topics continued)

Community Leadership and Program. (G) 3 credit hours.

July 21-August 15. Planning, implementing, and evaluating leisure activities and programs for community education, municipal recreation, and volunteer agencies. Fairchild. Meets 1:30-3:20 M, Tu, W, Th.

RPM 408. Workshop.

Bicycle Touring Leadership. 2 credit hours.

June 14-20. Leadership course to train leaders of bicycle touring groups. Course includes a four-day bike tour. Participants share food costs. Application forms available in advance. Deadline for applying is June 1. Fromm. Meets all day Sat-F.

RPM 460. Survey of Therapeutic Recreation. (G) 3 credit hours.

July 21-August 15. A comprehensive course combining historical

overview of therapeutic recreation, current observation of therapeutic recreation services existing in the state, and a practical field project to project future services based on current practices. Identifies key historic events related to therapeutic recreation service, establishes common terminology, provides philosophical inquiry into the basic issues involved in therapeutic recreation, and emphasizes the present and recommended roles of recreational service applied to special groups. Prerequisite: an introductory course in therapeutic recreation. Martin. Meets 8:30-10:20 M, Tu, W, Th.

RPM 490. Principles of Outdoor Education. (G) 3 credit hours.

June 16-21. Introduction to observation and understanding of natural environment, and methods of interpretation to lay groups. Designed for teachers, youth leaders, and recreation programmers. Ford. Meets 8:00 a.m.-8:00 p.m. M-Sat.



School of Journalism

Jack D. Ewan, M.S., Associate Professor (public relations).
Roy K. Halverson, Ph.D., Associate Professor (news-editorial).
James B. Lemert, Ph.D., Associate Professor (mass communications research).
Dean F. Rea, M.A., Associate Professor (news-editorial).
Alyce R. Sheetz, M.A., Assistant Professor (news-editorial).
R. Max Wales, M.A., Professor (advertising, public relations).
Willis L. Winter, Jr., Ph.D., Associate Professor (advertising).

Eight-week session (June 24-August 15)

J 250. Journalistic Writing. 3 credit hours.

Offers prejournalism majors opportunity to review and to improve grammar, spelling, punctuation, and sentence structure. Introduction to journalistic practices associated with gathering information, taking notes, visual communication, and writing for various mass-media audiences. Laboratory exercises to develop practices and skills in various forms of journalistic writing. **Typing proficiency required for admission to class.** Out-of-class assignments; periodic examinations. Prerequisite for all other writing courses and prerequisite for admission to School of Journalism with major standing. Rea. Meets 8:30 M, W; Laboratory A meets 9:30 M, W; Laboratory B meets 9:30 M, W.

J 405. Reading and Conference.

Credit hours and time to be arranged.

J 446. Advertising Copywriting. (G) 3 credit hours.

Theory and practice in writing advertising copy. Study of style and structure, with emphasis on persuasive writing. Lectures and laboratory. Prerequisites: J 250, J 341. Winter. Meets 8:30 M, Tu, W, Th.

J 503. Thesis.

Credit hours to be arranged.

J 505. Reading and Conference.

Credit hours and time to be arranged.

J 506. Terminal Project.

Credit hours to be arranged.

J 509. Practicum in Teaching Methods. 3 credit hours.

Active participation in the teaching program under faculty supervision. Consent of instructor required. May be repeated for credit.

J 513. Theories of Mass Communication. 3 credit hours.

The communication process; audiences of the mass media; media competition; attitudes of communicators; functions and dysfunctions of media activities. Lemert. Meets 11:30 M, Tu, W, Th.

Additional courses

J 341. Principles of Advertising. 3 credit hours.

June 24-July 18. Survey course covering advertising as an institution, a tool of marketing, and a method of disseminating ideas. Open to anyone in the University with interest in the field as a consumer, as a professional in the communications and journalism business wanting a broad picture of the industry that pays his or her salary, or as a person seeking a career in the advertising world. Wales. Meets 8:30-10:20 M, Tu, W, Th.

J 408. Workshop for High School Newspaper Advisers. (g) 2 credit hours.

June 24-28. All aspects of producing a high-school newspaper, including writing, copy editing, page makeup, photography, and advertising. Sheetz. Meets 8:30-11:20 and 12:30-3:20 Tu, W, Th, F, Sat.

J 459. Principles of Public Relations. 3 credit hours.

June 24-July 18. Theory and practice of public relations as viewed by business, government, and civic organizations; study of mass media as publicity channels; role of the public-relations practitioner; public relations departments and agencies. Prerequisite: Junior standing. Ewan. Meets 1:30-3:20 M, Tu, W, Th.

J 487. History of Journalism. (G) 3 credit hours.

June 24-July 18. Study of the changing character of the mass media in the United States since colonial times. Emphasis on theories of the press and the relationship of the mass media to the society they have served. Prerequisite: Junior standing. Halverson. Meets 1:30-3:20 M, Tu, W, Th.

J 520. Public Relations Planning and Administration. 3 credit hours.

June 24-July 18. Intended for graduate students in business, education, public affairs, and journalism majors. Each student constructs a comprehensive public relations plan in own field of study. Ewan. Meets 1:30-3:20 M, Tu, W, Th.

NOTE: Students interested in broadcasting are advised to consult the course listings of the Broadcast Communication area in the Department of Speech. Credits earned in these courses may not be applied toward meeting the professional course requirements for majors in Journalism but will be applied toward meeting general requirements for Journalism degrees.

School of Law

The University of Oregon School of Law will offer courses during the Summer Session in an eight-week session beginning June 16, 1975 and ending August 8, 1975. The Summer Session is open to law students who have completed at least the first year of law school and who are in good standing at an accredited law school. In addition, nonlaw students may take courses by special arrangement. The Summer Session is not open to beginning law students. Application details, course descriptions, and other information may be obtained by communicating with Assistant Dean James Carney, University of Oregon School of Law.

The School of Law operates on a semester calendar. Law students may take up to eight semester credits during the Summer Session. The following course offerings have been tentatively established for the 1975 Summer Session:

Subject	Semester Credits	Professor
L 549. Legal Profession.	2	R. J. Mooney
L 546. Federal Courts.	3	J. E. Kennedy
L 507. Legal Issues in Higher Education.	2	D. B. Frohnmayer
L 507. Consumer Protection.	2	R. C. Griffin
L 607. Civil Practice Clinic.	4	F. R. Merrill

School of Librarianship

Dean, Herman L. Totten, Ph.D., Professor (academic libraries, contemporary issues).

Robert A. Berk, Ph.D., Assistant Professor (special libraries, administration, automation).

Elizabeth Findly, A.M.L.S., Professor (reference, government publications).

Ione F. Pierron, M.S., Associate Professor (public libraries, adult reading, contemporary issues, selection and acquisition).

Eight-week session (June 24-August 15)

Lib 411. Organization of Library Materials I. (G) 5 credit hours.

Main entry, descriptive and subject cataloging, and cross-reference. Classification and alternate methods of organizing print and nonprint materials. Making of analytics and filing of catalog cards. Nonconventional methods of organizing materials. Required core course. Two sections. Meets 8:00-9:20 and 2:30-3:50 M, Tu, W, Th.

Lib 421. Reference Sources and Services. (G) 4 credit hours. Fundamental concepts of reference service in various kinds of libraries. Use and evaluation of basic reference materials, print and nonprint. Required core course. Findly. Meets 9:30-10:50 M, Tu, W. Discussion A: 9:30-10:20 Th, Discussion B: 10:30-11:20 Th.

Lib 432. Educational Media Centers. (G) 3 credit hours. Administration, organization, resources and services of school libraries and media centers at the school building and district level with emphasis on national and state standards of service. Prerequisite: Lib 411, 421, 442, 445. Consent of dean is required. Meets 10:30-11:20 M, Tu, W, Th.

Lib 442. Selection and Acquisition of Library Materials. (G) 3 credit hours.

Introduction to collection building in various media for all types of libraries, to basic selection aids, and to intellectual freedom. Required core course. Pierron. Meets 11:30-12:20 M, Tu, W, Th.

Lib 445. Multi-Media Librarianship. (G) 3 credit hours. The role of the school librarian and media specialist in identifying, evaluating, selecting, and facilitating the use of print and nonprint materials administered by media centers in support of the curricula of elementary and secondary schools. Prerequisite or concurrently: CI 435 and Lib 442. Meets 8:30-9:20 M, Tu, W, Th.

Lib 451. Children's Literature I. (G) 3 credit 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. Prerequisite: junior standing. Thompson. Two sections. Meets 8:30-9:20 and 2:30-3:20 M, Tu, W, Th.

Lib 455. Media for Young Adults. (G) 3 credit hours. Survey of print and nonprint forms of communication for youth of junior and senior high-school age with emphasis on young

adult media interests. Selection and evaluation of media for school and public libraries. Individual reading, listening, and viewing guidance. Standards of service to young adults. Meets 2:30-3:20 M, Tu, W, Th.

Lib 458. Storytelling. (G) 3 credit 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. Prerequisite or concurrently: Lib 451. Consent of dean is required. Thompson. Meets 12:30-1:30 M, Tu, W, Th.

Lib 505. Reading and Conference.

Staff. Number of credit hours (maximum, 3) and time to be arranged with faculty member.

Lib 509. Practicum. 3 credit hours.

Supervised practical experience under the guidance of a professional librarian. Must be arranged with a member of the faculty.

Lib 513. Organization of Library Materials II. 3 credit hours. Advanced problems in cataloging and classification. Prerequisite: Lib 411. Consent of dean is required. Meets 11:30-1:20 Tu, Th.

Lib 523. Government Publications. 4 credit hours.

United States federal and state publications, international and foreign government documents. Prerequisite: Lib 421. Findly. Meets 3:30-4:50 M, W, and 3:30-4:20 Tu, Th.

Lib 524. Reference Sources and Services II. 2 credit hours. Advanced problems in reference services. Prerequisite: Lib 421 and one of the bibliography courses. The latter may be taken concurrently. Findly. Meets 1:30-2:50 Tu, Th.

Lib 531. Library Organization and Administration. 5 credit hours.

Analysis of organizational and administrative theories in the context of library structures, with special emphasis on personnel relationships, budgeting, systems analysis, and library automation. Required core course. Prerequisite: Lib 411, 421, 442. One of these may be taken concurrently. Berk. Meets 8:30-9:50 M, Tu, W, Th.

Lib 534. Academic Library. 3 credit hours.

Administration and services of college, university, and research libraries, including collection building and maintenance, staffing, public relations with clientele and supporting institutions. Prerequisites: Lib 411, 421, 442, 531. Lib 531 may be taken concurrently. Totten. Meets 1:30-3:20 M, W.

Lib 563. Literature and Bibliography of the Sciences. 3 credit hours.

Survey and evaluation of information resources in the fields of science and technology. Problems of scientific documentation, literature searching methods, compilation, classification, and reporting of information. Reference works and bibliography of the field. Prerequisites: Lib 411, 421, 442. Berk. Meets 10:30-11:20 M, Tu, W, Th.

Lib 575. Contemporary Issues in Librarianship. 3 credit hours. The interaction between librarian, libraries, and professional associations and the changing economic, educational, political, social, and technological environments. Required core course. Prerequisite: 20 credit hours in librarianship, including Lib 411, 421, 442, 531. Pierron. Meets 9:30-10:20 M, Tu, W, Th.

School of Music

Dean, Robert M. Trotter, Ph.D., Professor (on leave).
Associate Dean, H. Royce Saltzman, D.M.A., Professor (choral music).
Exine A. Bailey, M.A., Professor (voice).
Francis W. Bittner, M.A., Professor (piano).
G. Burnette Dillon, M.A., Assistant Professor (university bands).
Charles Dowd, M.A., Visiting Assistant Professor (percussion, music history).
J. Robert Hladky, A.Mus.D., Professor (strings).
Robert Hurwitz, Ph.D., Associate Professor (history).
Edward W. Kammerer, M.Mus., Assistant Professor (horn, music education).
Michael Leckrone, Visiting Associate Professor, Director of Marching Band, University of Wisconsin, Madison (university bands).
Ira D. Lee, M.Mus.Ed., Professor (brass).
Gary M. Martin, Ph.D., Professor (music education).
John C. McManus, M.A., Associate Professor (woodwinds, music education).
James A. Miller, A.Mus.D., Associate Professor (choral music, voice).
Randall S. Moore, Ph.D., Visiting Assistant Professor (music education).
Robert E. Nye, Ph.D., Professor (music education).
Harold Owen, D.M.A., Associate Professor (music education, music history).
Helmuth Rilling, Visiting Professor, State Academy of Music, Frankfurt, Germany (choral and orchestral music).
Max D. Risinger, M.A., Professor (music education).
Monte Tubb, M.A., Associate Professor (theory, music education).
Robert S. Vagner, M.Mus., Professor (clarinet, music education, bands).
Virginia J. Whitfield, Ed.D., Professor (music education).

Music

Eight-week session (June 24-August 15)

MuP 171-191. Performance Studies (Studio Instruction). 1-2 credit hours.

(Formerly Mus 190) Instruction in technical and stylistic aspects of artistic solo performance. Students specializing in performance normally enroll for two half-hour lessons a week (2 credit hours) in their principal instrument each term during their undergraduate years. Maximum credit in performance studies for nonmajors, 12 credit hours; for not more than 12 hours during freshman and sophomore years. Information concerning requirements at each level of proficiency (MuP 171-191 series through MuP 671-691 series) may be obtained in the School of Music office. Prerequisite: audition.

Piano—Bittner
 Voice—Bailey, Miller
 Cello, Bass—Hladky
 Brass Instruments—Lee
 Clarinet, Flute—McManus

MuP 271-291. Performance Studies (Studio Instruction). 1-2 credit hours.

(Formerly Mus 290) Prerequisite: proficiency required for satisfactory completion of instruction at the level MuP 171-191. For further information, see MuP 171-191.

Mus 321. Music Fundamentals. 2 credit 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. Lecture meets 12:30-1:20, M, W; Laboratory meets 12:30-1:20 Tu, Th.

MuP 341-361. Performance Studies (Studio Instruction). 1-2 credit hours.

(Formerly Mus 391) Prerequisite: successful completion of instruction at the level MuP 271-291. For further information, see MuP 171-191.

MuP 371-391. Performance Studies (Studio Instruction). 2-4 credit hours.

(Formerly Mus 390) Prerequisite: proficiency required for satisfactory completion of instruction at the level of MuP 271-291. For further information, see MuP 171-191.

Mus 394. Chamber Ensemble. 1 credit hour.

Study of music through small group rehearsal. For stringed instrument and wind instrument players, percussionists, pianists, and singers. Audition, or consent of instructor required. May be repeated for maximum of 6 hours credit. Lee.

Mus 405. Reading and Conference.

Credit hours to be arranged.

Mus 407. Seminar.

Two Hundred Years of Music in America. (G) 3 credit hours.

A survey and examination of music written by American composers from Colonial times to the present, with special emphasis on the Twentieth Century. Hurwitz. Meets 1:30-2:20 M, Tu, W, Th.

MuP 471-491. Performance Studies (Studio Instruction). 2-4 credit hours.

(Formerly Mus 490) Prerequisite: proficiency required for satisfactory completion of instruction at the level MuP 371-391. For further information, see MuP 171-191.

Mus 501. Research.

Credit hours to be arranged.

Mus 503. Thesis.

Credit hours to be arranged.

Mus 505. Reading and Conference.

Credit hours to be arranged.

Mus 511. Research Methods in Music. 3 credit hours.

The use of general bibliographical courses and reference materials in music. Hurwitz. Meets 8:30-9:20 M, Tu, W, Th.

MuP 511-539. Performance Studies (Studio Performance). 1 credit hour.

(Formerly Mus 592) Beginning study for graduate students in a secondary performance medium. For details, see MuP 171-191. Consent of instructor is required. Prerequisite: jury audition in the primary performance medium to demonstrate proficiency required for admission to MuP 341-369 or MuP 371-398. May be repeated for maximum of 3 credit hours.

MuP 541-569. Performance Studies (Studio Instruction). 1-2 credit hours.

(Formerly Mus 591) Graduate-level study for degree candidates specializing in other than performance. For details, see MuP 171-191. Consent of instructor is required. Prerequisite: jury audition to demonstrate proficiency required to complete MuP 271-291. May be repeated for maximum of 6 credit hours.

MuP 571-591. Performance Studies (Studio Instruction). 2-4 credit hours.

(Formerly Mus 590) Master-level study for master-degree candi-

dates specializing in performance. For details, see MuP 171-191. Consent of instructor is required. Prerequisite: jury audition to demonstrate proficiency required to complete MuP 471-491; sufficient talent and experience to justify the undertaking of performance as a supporting area.

Mus 594. Chamber Ensemble. 1 credit hour.

See Mus 394 for additional information.

MuP 641-661. Performance Studies (Studio Instruction). 1-4 credit hours.

(Formerly Mus 691) Prerequisite: sufficient talent and experience to justify undertaking performance studies as a supporting area for the Doctor of Musical Arts degree; jury audition.

MuP 671-691. Performance Studies (Studio Instruction). 2-4 credit hours.

(Formerly Mus 690) Prerequisite: sufficient talent and experience to justify undertaking performance studies as a primary area for the Doctor of Musical Arts degree; jury audition.

Additional courses

Mus 407. Seminar.

A Survey of Jazz and Rock in the United States. (G) 2 credit hours.

June 24-July 18. Discussion of the major jazz and rock trends of the twentieth century, including Charlie Parker, Miles Davis, John Coltrane, as well as rhythm and blues, soul, funk, and swing. Discussions will include philosophic and scientific observations about the nature of improvisation and jazz. Dowd. Meets 11:30-1:20 M, Tu, W, Th.

Mus 493. Collegium Musicum. (G) 1 credit hour.

June 24-August 1. Study of music repertoire of the medieval, Renaissance, and baroque periods through rehearsals and extensive sight reading; vocal and instrumental repertoire. Consent of instructor is required. Miller. Meets 4:30-6:30, Tu, Th evenings.

Mus 508. Workshop.

The following workshops are scheduled for the dates shown.

Advanced Choral Analysis. 2 credit hours.

July 7-July 18. Analysis and interpretation of choral repertoire with emphasis on the cantatas of J. S. Bach. Consent of instructor is required. Rilling. Meets 9:30-11:20 M-F.

Advanced Choral Conducting. 2 credit hours.

July 7-July 18. Advanced beating technique; rehearsal and performance procedures; class performance with soloists, choir, and chamber orchestra of eight Bach cantatas. Prerequisite: Mus 508, Advanced Choral Analysis. Consent of instructor is required. Rilling. Meets 1:30-3:20 M-F.

Choral Performance of Schubert, Mendelssohn, Brahms, and Beethoven. 2 credit hours.

July 7-July 18. The study and performance of the Schubert *Mass in A-flat*; Beethoven *Missa Solemnis*; and motets of Mendelssohn and Brahms. Acceptance in the choir is by audition with membership limited to 80 voices. Consent of instructor is required. Rilling, Saltzman. Meets 7:00-10:00 M-F evenings.

Instrumental Music of Bach, Schubert, and Beethoven. 1-2 credit hours.

July 7-July 18. The study and performance of instrumental music of Bach, Schubert, and Beethoven. Repertoire will include the Schubert *Great C Major Symphony* and *Mass in A-flat*; and the Beethoven *Missa Solemnis*. Acceptance is by audition. Rilling. Meets 3:30-5:20 M-F.

Music Education

Eight-week session (June 24-August 15)

MuE 383. Music Methods for Elementary Teachers. 3 credit hours.

Planning and organizing musical activities for elementary-school children. Required for elementary-education majors; enrollment limited to elementary majors only. Meets 10:30-11:20 M, Tu, W, Th.

MuE 405. Reading and Conference.

Credit hours to be arranged.

MuE 409. Practicum.

Credit hours to be arranged.

MuE 407. Seminar.

New Trends in Music Education. (G) 3 credit hours.

Required of doctoral candidates whose primary area is Music Education. Explores new projects, ideas, and philosophies in music education. Includes study of IMPACT, the CMP, Juilliard Report, the MMCP, trends in college curricula, the music laboratory as new structure for learning. McManus. Meets 10:30-11:20 M, Tu, W, Th.

MuE 532. Basic Concepts in Music Education. 3 credit hours.

The introductory course for students of music education entering the master-degree program; review of recent developments and their implications; principles and issues; historical perspectives. Nye. Meets 10:30-11:20 M, Tu, W, Th.

MuE 501. Research.

Credit hours to be arranged.

MuE 503. Thesis.

Credit hours to be arranged.

MuE 505. Reading and Conference.

Credit hours to be arranged.

MuE 509. Practicum.

Credit hours to be arranged.

Additional courses

MuE 407. Seminar.

The following seminar topics are scheduled for the dates shown.

Music for Early Childhood. (G) 3 credit hours.

June 24-July 18. A course designed to help teachers develop musical programs for children, ages 3 to 5, that include diagnosis, objectives, and methods and materials of instruction. Nye. Meets 8:30-10:20 M, Tu, W, Th.

French Horn. (G) 2 credit hours.

July 21-August 15. Nonperforming seminar; explores history, design, performance practices, and problems of the horn; discussions of current models and related equipment; survey of solo and ensemble repertoire and pedagogical approaches for the nonhorn player. Kammerer. Meets 12:30-1:20 M, Tu, W, Th.

Techniques in Clarinet. (G) 1 credit hour.

June 30-July 3. Techniques of teaching and performing on the clarinet; special emphasis on teaching at the junior- and senior-high school levels. Open to graduate and undergraduate students. Vagner. Meets 3:30-5:20 M, Tu, W, Th, and 9:00-12:00 F.

Choral Conducting. (G) 2 credit hours.

July 21-August 15. Study of conducting techniques; score reading; analysis and interpretation of choral music; discussion and practice of rehearsal procedures. Meets 12:30-1:20 M, Tu, W, Th.

MuE 408. Workshop.

The following workshops are scheduled for the dates shown.

Music for Recorder. (G) 2 credit hours.

July 7-July 18. Study and performance of music for solo recorder and recorder ensemble including music suitable for the secondary school groups; techniques for transcription of music for recorders. Consent of instructor is required. Owen. Meets 2:30-4:20 M-F.

Guitar Playing for Beginners. (G) 2 credit hours.

July 21-August 15. Focus: Song accompaniment in varying keys, modes, meters and rhythms. Consent of instructor is required. Tubb. Meets 2:30-4:20 M, Tu, W, Th.

Classroom Use of Electronic Media. (G) 3 credit hours.

June 24-July 18. Exploration of electronic media and their application to classroom use; projects involving synthesizers, tape recorders, and other electronic sound equipment. Consent of instructor is required. Owen. Meets 11:30-1:20 M, Tu, W, Th.

(MuE 408 Workshop topics continued)

Kodaly Method. (G) 2 credit hours.

June 24-July 3. Pedagogical techniques of music developed by Hungarian educators utilizing choral music and philosophy of Zoltan Kodaly. Logical approaches in planning music reading lessons in public schools with American folk materials. Moore. Meets 2:30-4:20 M-F.

Choral Materials for Junior and Senior High Schools. (G) 3 credit hours.

July 21-August 15. Emphasis on choral repertoire for the junior and senior high schools. Will include conducting technique and rehearsal procedures. Meets 2:30-4:20 M, Tu, W, Th.

Ear Training and Sight Reading—An Intensive Approach. (G) 2 credit hours.

July 21-August 15. Focus: Formulation and practice of daily routines that can lead to professional competence in ear training and sight reading. Consent of instructor is required. Tubb. Meets 11:30-12:20 M, Tu, W, Th.

Ensemble and Solo Music for Wind and Percussion Instruments. (G) 3 credit hours.

July 7-July 18. An historical survey of ensemble music for woodwinds, brass and percussion; emphasis on materials for high school performance. Vagner. Meets 2:30-5:20 M, Tu, W, Th, and 9:00-12:00 F.

Jazz Improvisation for Teachers. (G) 3 credit hours.

July 21-August 15. Investigation of various approaches to jazz improvisation, including theoretical concepts, analysis and his-

torical and regional influences. Survey of current published music and methods for creating original material; discussion of pedagogical techniques as related to individual and class development, small and large group instruction. Consent of instructor is required. Kammerer. Meets 2:30-4:20 M, Tu, W, Th.

Marching Band. (G) 2 credit hours.

August 11-August 15. Show planning, rehearsal techniques, filming, musical arranging for outdoor performance; charting techniques, bibliography, and budgeting aspects for college and high school marching bands. Dillon, Leckrone. Meets 9:30-12:20 and 2:30-5:20 M-F.

MuE 507. Seminar.

Music Education. 3 credit hours.

July 21-August 15. Required of candidates for Master of Music with a major area in music education. Consideration of current concerns in music education with emphasis on identification and concentrated study of individual interests of students. Prerequisite: MuE 532. Whitfield. Meets 11:30-1:20 M, Tu, W, Th.

MuE 535. Music in the Senior High School. 3 credit hours.

July 21-August 15. Curricula, organization, methods, and materials in senior high school music, both vocal and instrumental. Risinger. Meets 8:30-10:20 M, Tu, W, Th.

MuE 538. Curriculum Development in Music. 3 credit hours.

July 21-August 15. Application of curricular theory to the construction of courses of study in music; determination of objectives, content, and instructional materials; development of evaluative criteria. Martin. Meets 2:30-4:20 M, Tu, W, Th.



University of Oregon

Officers of Administration

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 Assistant to the President, Muriel K. Jackson, M.S.
 Assistant, Legal Affairs (after May 1975),
 David B. Frohnmayer, J.D.
 Assistant, Legal Affairs (until May 1975),
 Therese Engelmann, LL.B., LL.M.
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 Affairs, James G. Kelly, Ph.D.
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 Director, University Security, Oakley Glenn

Oregon State System of Higher Education

The Oregon State System of Higher Education, organized in 1932, provides educational opportunities for young people and adults throughout the state. Member institutions are independent elements of an integrated system. Opportunities for general education are distributed as widely as possible throughout the state with specialized, professional, and technical programs centered at specific institutions.

The members institutions of the Oregon State System of Higher Education are:

Eastern Oregon State College at La Grande
 Oregon College of Education at Monmouth
 Oregon Institute of Technology at Klamath Falls
 Oregon State University at Corvallis
 Portland State University at Portland
 Southern Oregon College at Ashland
 University of Oregon at Eugene
 University of Oregon Health Sciences Center at Portland
 (the Schools of Dentistry, Medicine, and Nursing)

The Division of Continuing Education represents all the institutions in making college-level courses and special programs available to all citizens. The Division has offices in Salem and Astoria as well as on most of the campuses. The Oregon Educational Public Broadcasting System is also part of the State System of Higher Education.

State Board of Higher Education

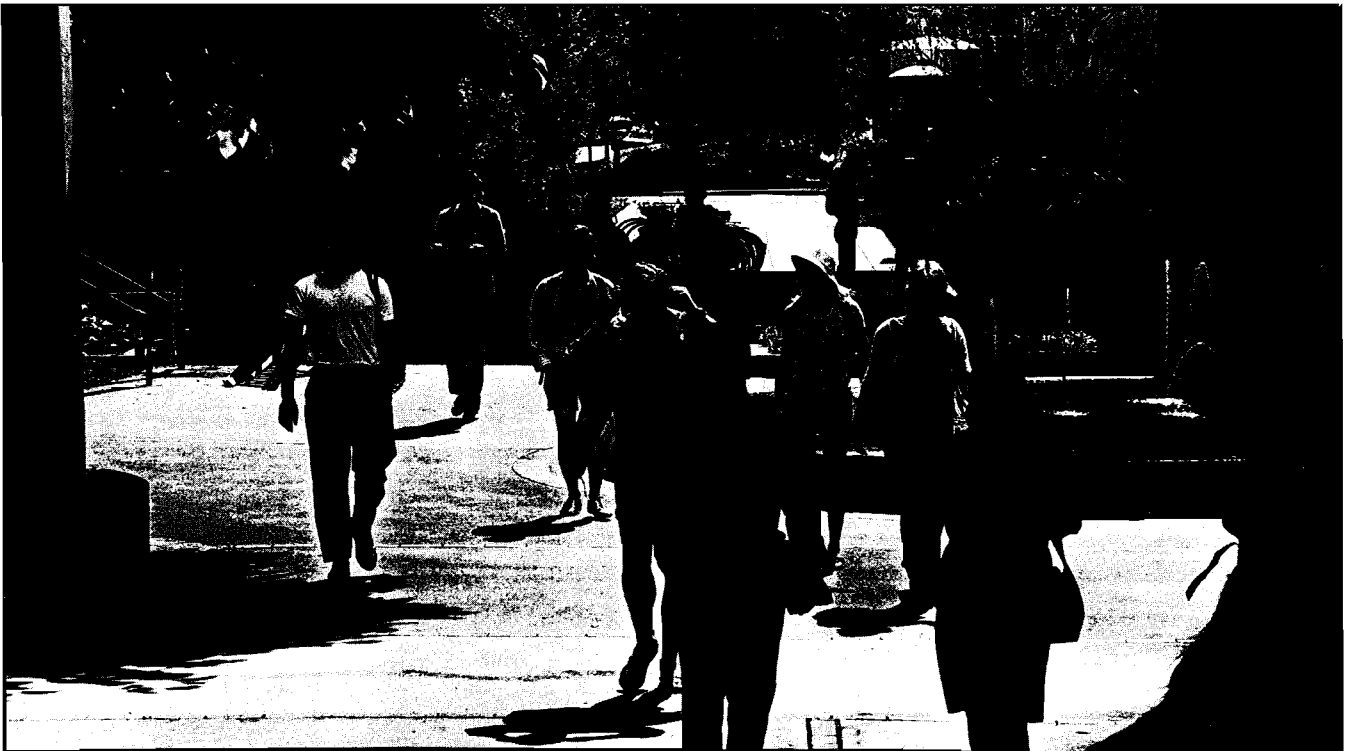
The Oregon State System of Higher Education is governed by the Oregon State Board of Higher Education, whose members are appointed by the Governor with confirmation by the State Senate. Terms are four years for regular members and two years for student members. Their names follow; expiration date for each term is June 30 of the year shown:

John D. Mosser, Portland, 1976
 President and Chairman, Executive Committee
 George H. Corey, Pendleton, 1975
 Vice-President and Member, Executive Committee
 Jane Carpenter, Medford, 1975
 Elizabeth H. Johnson, Redmond, 1977
 Member, Executive Committee
 Philip A. Joss, Portland, 1976
 George H. Layman, Newberg, 1976
 Marc F. Maden, Portland, 1976
 Valerie McIntyre, Eugene, 1975
 W. Philip McLaurin, Portland, 1978
 Loran L. Stewart, Eugene, 1977
 Chairman, Committee on Instruction, Research, and
 Public Service Programs
 Edward G. Westerdahl II, Portland, 1977
 Chairman, Committee on Finance, Administration, and
 Physical Plant

Officers of the Board

Roy E. Lieuallen, Ed.D., L.H.D., Chancellor
 D. R. Larson, B.A., Secretary of the Board
 Freeman Holmer, M.A., Vice-Chancellor for Administration
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 E. Rex Krueger, Ph.D., Vice-Chancellor for Educational Systems
 W. T. Lemman Jr., B.S., Vice-Chancellor for Personnel
 Administration
 Miles C. Romney, Ph.D., Vice-Chancellor for Academic Affairs





Summer in Oregon

One of the best things about enrolling in University of Oregon Summer Session is spending the summer in Oregon. Eugene has warm days, cool nights, and almost unlimited sources of recreation. It's slightly more than an hour's drive to either the Pacific Ocean or the Cascade mountains, and Portland is just 100 miles to the north.

For the weekend traveler or vacationer, the entire state of Oregon offers both natural scenic beauty and a variety of community-sponsored activities that include traditional festivals, rodeos and fairs as well as such offbeat events as the threshing bee at Dufur and raft races on the Siletz River. Since many Summer Session classes do not meet on Friday, students can enjoy several weekend treks to other parts of the state.

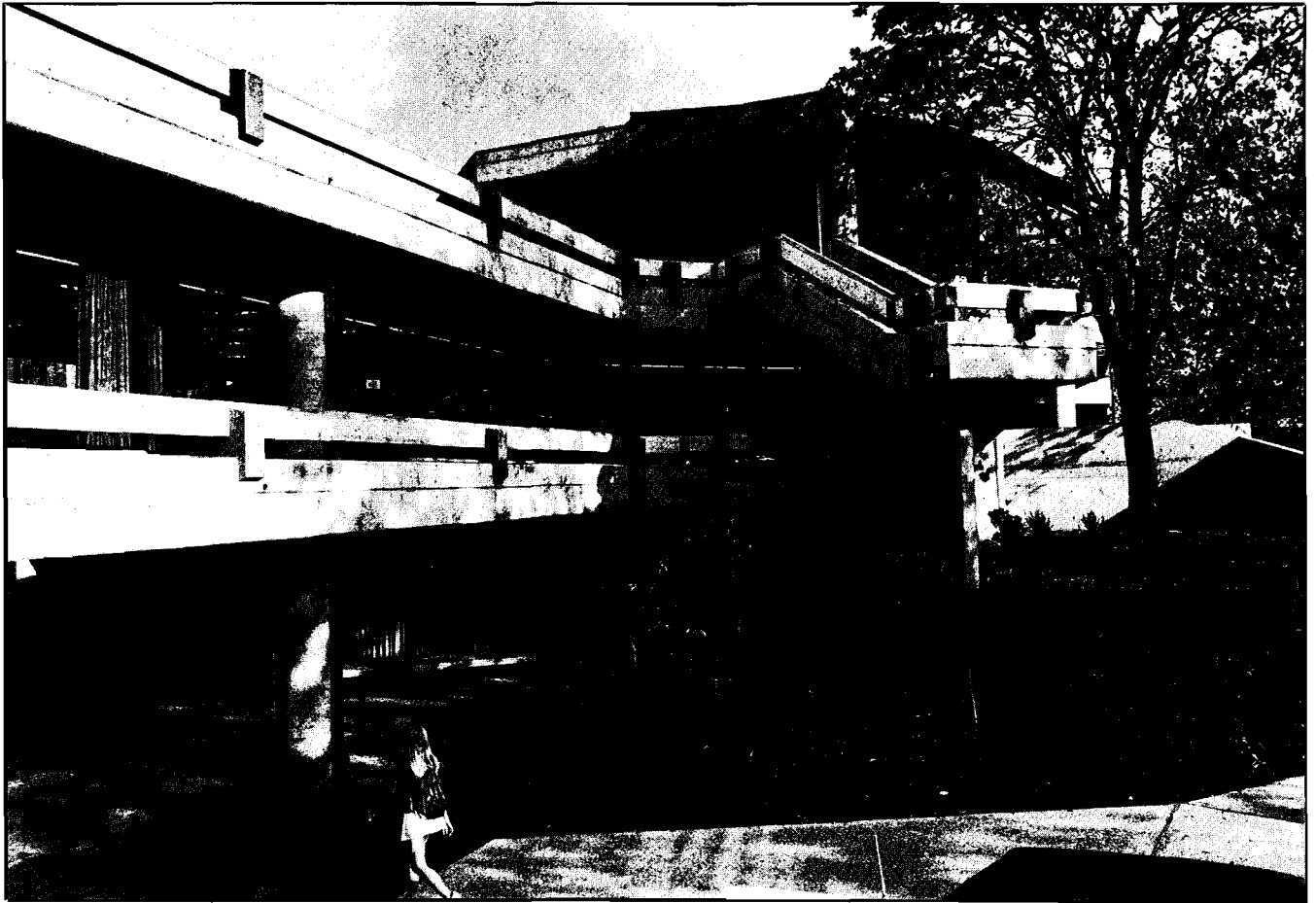
For maps, guides or other information about local, county, or state recreation, address requests to :

Eugene Chamber of Commerce
P.O. Box 1107
Eugene, Oregon 97401

Eugene Parks & Recreation
777 Pearl Street
Eugene, Oregon 97401

Lane County Park Department
Courthouse Annex
135 East 6th Avenue
Eugene, Oregon 97401

Travel Information
State Highway Division
Salem, Oregon 97310

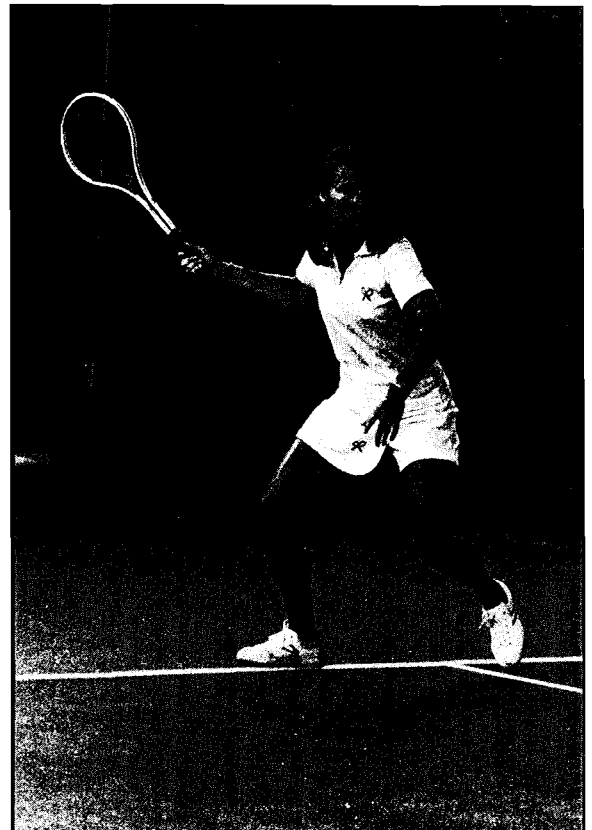


The leisurely pace of Summer Session leaves students with ample time for recreational activities. The new Erb Memorial Union addition (above) meets this time demand offering everything from a crafts center, student government offices, to the Skylight restaurant. For those who wish a few fast sets (right), the University has many outdoor and covered tennis courts.

There is no shortage of University sponsored activities to occupy Summer Session students' out-of-class hours.

The Erb Memorial Union, besides serving as a central gathering place for meetings, coffee hours and meals, offers a variety of films, lectures, concerts, and game tournaments during the summer. It sponsors folk dancing, a bowling league, bridge and chess sessions, and provides a crafts center with well-equipped areas of ceramics, photography, jewelry, wood working, graphics, and fabrics for use by the campus community. The downstairs EMU recreation area contains bowling alleys, billiard tables, and table tennis facilities.

The resources of the University's School of Health, Physical Education and Recreation are available to students, including many open and covered tennis courts, two swimming pools, handball courts, and two gymnasiums and their equipment.



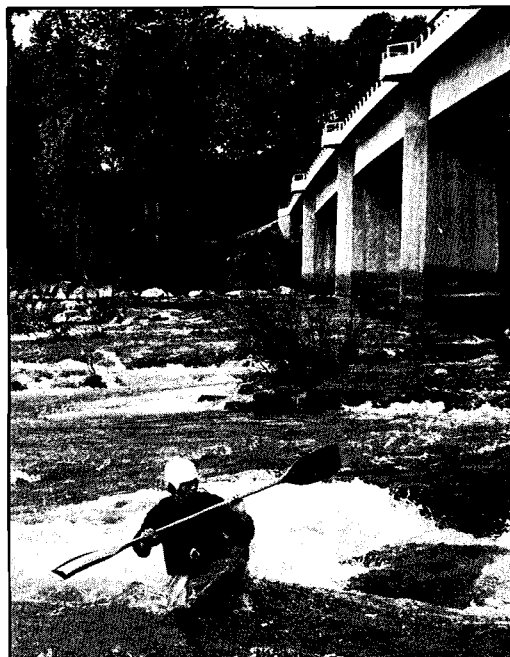
The Outdoor Program sponsored by the Erb Memorial Union maintains a recreational and educational center for those who enjoy outdoor life. It provides opportunities for participant-initiated outdoor activities for people of all ages in the Eugene community, ranging from day-long hikes and bicycle trips to mountaineering and river expeditions that may last for weeks.

Among the many summer outdoor activities sponsored by the Program are rock and snow climbing, backpacking, sailing, canoeing and kayaking, white-water sports, bicycle touring, photography, and environmental education. There is something appropriate for each age and level of skill, and the more experienced participants are always willing to share their knowledge with the less skilled.

During the summer there are five or more day trips planned each week, and numerous longer excursions are planned each weekend to nearby rivers, mountains, or the coast. The Outdoor Program's activities are offered on an informal nonstructured basis. Events are posted on a large bulletin board in the Center (Room 23 of the Erb Memorial Union). Each sign-up sheet lists the trip, date, time, cost, and needed equipment, and a pre-trip meeting is scheduled for most events so participants can cooperate in planning.

Equipment and transportation problems are easily solved, even for the short term visitor to the campus. The EMU maintains an Outdoor Resource Center which sells and rents outdoor equipment. Transportation is usually by private car, but participants share rides and expenses.

For more information about the University of Oregon Outdoor Program or for a copy of *Cooperative Wilderness Adventures*, a description of summer wilderness trips sponsored by Outdoor Programs in other states and Canada, address a request to Outdoor Program, Room 23 EMU, University of Oregon, Eugene, Oregon 97403.



Beginning hikers and climbers may find themselves enjoying their first mountain ascent on a trip with the Outdoor Program to the Three Sisters Wilderness Area (below); or they may want to learn to kayak on the Willamette River near campus. An expert kayaker (above) plays with the rapids near the footbridge leading to Alton Baker Park and Autzen Stadium.



The Eugene community accommodates many artists and art lovers. The University of Oregon Museum of Art is open daily except Monday from 12:00 noon to 5:00 p.m. during the eight-week Summer Session. Originally devoted exclusively to Oriental art, the Museum now houses a permanent collection of art of the Greater Pacific Basin and works of contemporary European and American artists with emphasis on artists and craftsmen from the Northwest. There is also a major new collection of African crafts.

Main floor galleries are devoted to visiting or special exhibitions and there is a small photographic gallery as well as a Rental-Sales Gallery and Museum Shop on the first floor. A special gallery featuring work of local artists is on the top floor. No admission fee is charged at the museum.

Art exhibits also may be viewed on the campus in the gallery of the Erb Memorial Union and at the School of Architecture and Allied Arts. There is a gallery at the Maude I. Kerns Community Art Center, which for reasonable fees offers complete series of classes and workshops in many media for both children and adults. The Center is located a few blocks from campus.

“Korean Mother and Child” (below) is a color etching by English artist Elizabeth Keith, who spent more than 20 years traveling throughout the Far East. The Keith collection of 60 wood block prints and 26 etchings and water colors is part of the permanent collection of the Museum of Art.



The UO School of Music is the source of much musical enrichment for the community. A highlight of this summer season is the annual Summer Festival of Music, featuring organ, chamber, orchestral, and choral performances of J. S. Bach, Brahms, and Beethoven directed by the noted German conductor and scholar, Helmuth Rilling. The Festival dates are July 7 to July 20.

The School sponsors almost daily concerts during the summer, including instrumental and vocal soloists and full orchestra and band, many of them free of charge. Jazz and rock concerts and other popular musical events are presented under the auspices of the EMU on the campus, and through local sponsorship in the community.

In Jacksonville, a small historic community 220 miles south of Eugene, the Peter Britt Music and Arts Festival is a popular annual event. An orchestra of some 50 musicians, primarily from Western states, performs in the quiet natural wooded setting of the Peter Britt estate during mid-August.

Carnival Theater, a summer repertory company, replaces the University Theater during the Summer Session, staging from six to eight productions during the season. The repertoire consists of comedy, drama, and musical productions, with performances offered almost nightly, in the Carnival tent adjoining the campus' University Theater. The Carnival Children's Theater also presents a special daytime program of children's plays.

Some 50 persons make up the semi-professional Carnival company. Some actors and production artists are fully professional, others are graduate students with summer fellowships. Both regularly enrolled students and qualified Eugene area residents are invited to participate. Auditions are open particularly to students. Those who wish to involve themselves heavily with Carnival Theater associated course-work during the 1975 season should be in touch with the Director of Carnival Theater well before enrollment time. Special attention will be paid to theater and drama teachers who wish extensive production participation.

Inquiries about the season should be addressed to Pierre Dunn, Business Manager, with questions about participation and/or the academic program for the Summer Session going to Faber DeChaine, Managing Director of Carnival Theater.

Off-campus, live theater productions are abundant during the summer. From June 14 through September 21 the Oregon Shakespearean Festival in Ashland (200 miles south of Eugene) presents three Shakespearean plays in nightly rotation, with matinee performances on weekends. Two other productions are shown in the indoor Angus Bowmer Theater.

Closer to home, the Lane County Auditorium Association sponsors a single professionally polished musical in Eugene during the month of August, and Theater at Large offers a series of supper shows.

Though these are the major companies, smaller groups also produce a variety of plays for short runs in the community.



Almost-daily concerts and the Summer Festival of Music offers the Eugene community many hours of musical enjoyment. Students have many opportunities to perform (above). Carnival Theater players (right) are shown in a scene from last year's production "Prisoner of 2nd Avenue."



Garden plots near Alton Baker Park are available for public use (above), and a paved bicycle path with campus access by a footbridge will take bicyclists from Springfield through Alton Baker Park along the Willamette River to the Valley River Shopping Center (right). The Pioneer Museum located on the fairgrounds in Eugene (below right), offers local spinners and weavers a chance to get together. The museum has changing displays of early Oregon and Lane County.

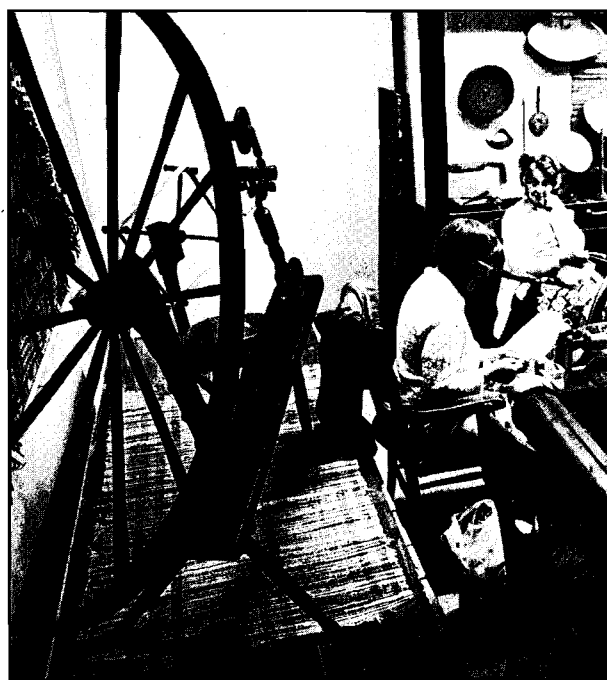
Eugene and Springfield make up a metropolitan area of more than 150,000 people. Main shopping areas are the Mall in downtown Eugene and Valley River Center, with smaller shopping centers near the campus and in outlying neighborhoods. During the summer months local artists and craftsmen display and sell their wares weekly at a popular Saturday Market.

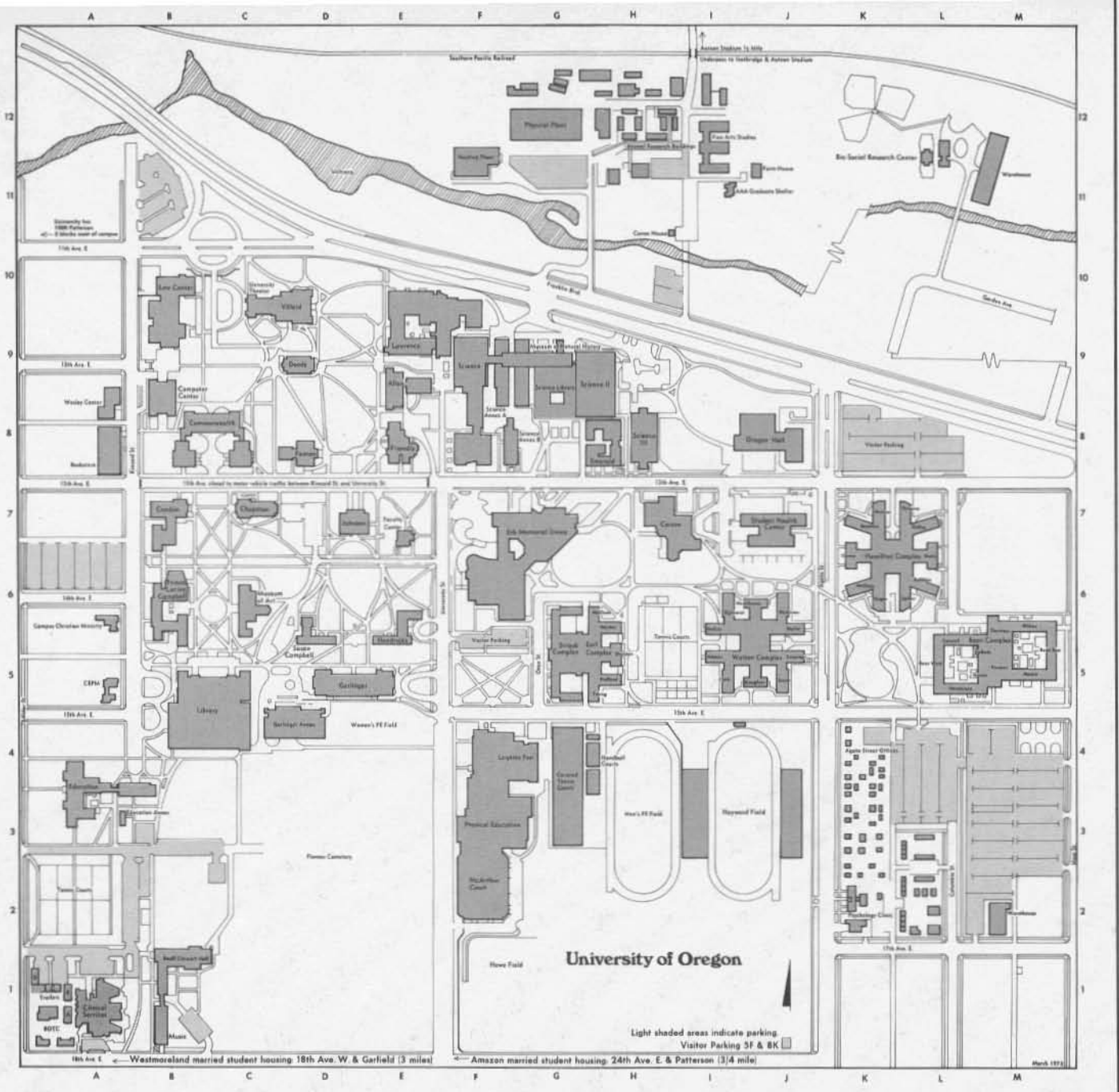
The city of Eugene maintains tennis courts, swimming and wading pools, and golf courses. The local parks and recreation department operates some three dozen facilities, including natural park sites, neighborhood community centers, playing fields, and playgrounds.

Some half-dozen miles of bicycle paths are maintained in the local park areas. A favorite stretch is the one located in Alton Baker Park across the Willamette River from the campus. A footbridge makes the park easily accessible from the University and makes it possible for students who live in Springfield to cycle to classes.

Canoeing on the Millrace which runs through the northern portion of the campus, or boating or swimming in the nearby Willamette River are popular pastimes during the summer.

For those who choose to travel a little farther from campus, Lane County's seacoast and unspoiled streams and lakes are all invitations to swim, fish, sail, and engage in water sports. Its parks and wilderness areas are ideal for picnics, short hikes or longer camping trips. Many county and state parks are located in the county.





University of Oregon

Light shaded areas indicate parking
 Visitor Parking 5F & 8K

March 1973

Administrative & Service Offices

- Academic Advising—Fr 8E
- Admissions—Ore 8J
- Affirmative Action—Ore 8J
- Alumni Relations—SCam 6D
- Athletics & Ticket Office—MacCt 3F
- Bookstore 8A
- Business Office—Ore 8J
- Broadcast Services (PL3, KWAX)—Vil 10C
- Campus Security—Straub 5G
- Computing Center 8B
- Continuing Education—PLC 6B
- Counseling Center—SCam 6D
- Development Fund Office—SCam 6D
- Educational Opportunity Services—Ore 8J
- Employment—Ore 8J
- Erb Memorial Union 7F
- Financial Aid—Ore 8J

- Graduate School—Chap 7C
- Health Center 7J
- Honors College—Fr 8E
- Housing Office—Carson 7H
- Information—Ore 8J
- Library 5B
- McArthur Court 2F
- Museum of Art 6C
- Museum of Natural History 9G
- News Bureau—SCam 6D
- Old Oregon—SCam 6D
- Oregon Daily Emerald—EMU 7F
- Parking Permits—Straub 5G
- Physical Plant 12G
- Placement Office—SCam 6D
- Post Office—EMU 7F
- President's Office—John 7D
- Printing Department—Allen 9E
- Registrar's Office—Ore 8J
- Student Government—EMU 7F
- Student Services Office—Ore 8J
- Student Union—EMU 7F
- Summer Session Office—PLC 6B

- University Relations—SCam 6D
- University Theater 10C

Academic Offices

- College of Liberal Arts—Fr 8E**
- Anthropology—Comm 8B
- Biology—Sc II & Sc III 8H
- Chemistry—Sc II 8H
- Classics—Fr 8E
- Comparative Literature—Fr 8E
- Computer Science—Comp Ctr 8B
- Economics—PLC 6B
- English—PLC 6B
- Geography—Con 7B
- Geology—Sc 8F
- German & Russian—Fr 8E
- History—PLC 6B
- Mathematics—Deady 9D
- Philosophy—PLC 6B
- Physics—Sc 8F
- Political Science—PLC 6B

- Psychology—Con 7B
- Religious Studies—Chap 7C
- Romance Languages—Fr 8E
- Sociology—PLC 6B
- Speech—Vil 10C

Professional Schools & Colleges

- Architecture & Allied Arts—Law 9E
- Business Administration—Comm 8B
- Community Service & Public Affairs—Hend 6E
- Education—Ed 4A
- Health, Physical Education & Recreation—PE 4F
- Journalism—Allen 9E
- Law—Law Ctr 10B
- Librarianship—Lib 5B
- Music—Mus 1B
- Military Science, Aerospace Studies (ROTC)—Alder St 1A

