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The Willamette University Catalog is divided into two segments. The first 16 pages are designed to give the reader a prospectus of the University, its students, faculty, campus life, academic programs, and pertinent admission information. The second segment, or catalog portion, provides considerable detail and current course listings. Visitors are welcome to the campus. Appointments are suggested for visitors coming on specific business. The Office of Admissions, located on the first floor of Eaton Hall, is open Monday through Friday from 8 a.m. to 5 p.m. The office is open by appointment on Saturday from 8 a.m. to noon. The mailing address of Willamette University is Salem, Oregon 97301. The phone number is (503) 370-6300. The street address is 900 State Street.

## Pioneer Heritage

The desire of pioneer missionaries to meet the needs of the growing Oregon Territory led to the birth of Willamette in 1842. Some 15 families constituted the white population around Salem then, drawn to the area as missionaries to the Indians settled along the Willamette River. Beyond the Indian Mission School, started in 1834, the far-sighted settlers felt the need for a more advanced school "in order to secure the best eduction of the pupils in science, morality and piety."
Nine men were appointed to the Board of Trustees on Feb. 1, 1842 at the home of Methodist missionary Jason Lee. The Board has been in continuous existence since, constituting the founding of the first collegiate institution west of the Missouri River. Known first as the Oregon Institute, "Willamette University" received a charter in 1853 after a territorial govenment had been established and some six years before Oregon achieved statehood.
Other key dates in Willamette's history are: 1866, establishment of the College of Medicine (later to merge with the University of Oregon Medical School in 1913); 1867, opening of Waller Hall, the first permanent building still in use today; 1883, establishment of the College of Law, first in the Northwest; 1974, opening of the Atkinson Graduate School of Administraton.
The third largest city in Oregon, Salem is the state capital with a population of 80,000 . The capitol and other state buildings are located directly across the street from the Willamette campus. Many state institutions are nearby, including the major correctional facilities; schools for the blind, deaf and retarded; mental hospital; and the Oregon State Library. Extensive internships are available for students in political science, psychology, sociology, economics, education, and public policy. The vicinity is blessed with a variety of city, county, and state parks. An All-American City, Salem is situated in the center of the Willamette Valley, midway between the Cascade and Coastal Mountain ranges. The Willamette River flows in a northerly direction through Salem. Portland is 45 minutes to the north by car; Eugene (second largest city)

is 60 minutes to the south. The beautiful and world famous Oregon coast is 60 minutes west, while breathtaking ski slopes in the Cascade Range are two to three hours east. Spots like Mt. Hood and M. Bachelor offer incomparable beauty and recreation opportunities.
You've probably heard that it rains a lot in Oregon. It does. The same conditions bringing rain moderate our climate. During the school year, there's usually exceptionally nice weather in the fall and spring with a rainy period in between.
It's a rare-and unfortunate-school whose student body can be described in a few sentences. The Willamette student body is varied and defies easy description, being composed of students of different backgrounds, different faiths, different colors, and different geographic regions. Some statistics help. There are roughly 1,775 Willamette students enrolled, including 375 in the College of Law and 150 in the new Graduate School of Administration and the remaining 1,250 undergraduates in the College of Liberal Arts. Our students represent over 40 states, with about 50 percent of them coming from Oregon.
Academically, most of Willamette's students were among the top 20 percent of their high school classes. Eighty percent of the most recent incoming freshmen had academic GPA's of 3.0 or better; the average academic GPA for incoming freshmen last fall was 3.30. GPA's of most entering students range from 2.7 to 4.0 , and we've been pleased to note that some on the low end eventually graduate with distinction. Student motivation and teachers who take their jobs serously have a lot to do with that.
While our students don't fit a stereotype, we can identify some similarities. For example, a recent study showed a majority of incoming students think there is some chance they will change their major field and choice of career; make at least a B average; and get married within a year after college. Some students believe there is a chance they will transfer before graduating, but an overwhelming majority (we are happy to report) expect to be satisfied with Willamette. When we asked freshmen what was important to them, the runaway leading answer was "developing a meaningful philosophy of life." When asked why they chose Willamette, the large majority cite Willamette's "academic reputation."

## he Faculty

The different personalities that make up our faculty (110 fulltime, 51 part-time) have one thing in common. They love to teach. When hiring new faculty, teaching effectiveness is considered the number one criterion-ranked ahead of publication or personal research. That doesn't mean we object to faculty members who can combine research and publication with their primary duty. It simply means the purpose of the University is quite singular: educating students.


At Willamette there are no teaching assistants. Senior faculty members and newcomers alike will be found teaching both advanced and introductory courses. And on the whole, they strive to increase their effectiveness as teachers in and out of the classroom. Each summer, for example, a significant number of faculty members use Atkinson Fellowships to develop additional skills or add new dimensions to their course repertory. While the faculty-to-student ratio is 1 to 13 , our faculty members are frequently found relating on a one-to-one basis with students outside the classroom. Willamette professors are readily accessible and have a reputation for taking a personal interest in students and their academic goals. Each student has a faculty advisor to offer course and career advising.
To round out the faculty picture, you'll need to know them personally. That, of course, takes time and contact. It doesn't take long to discover their wide variety of interests and backgrounds-things like river running, rock climbing, skiing, organic farming, film making, sailing, and politicking in city affairs. In sum, we think you'll find the Willamette faculty knowledgeable, accessible and personable.

## tudent Life

Opinions about student life at Willamette are as numerous as are students themselves. The variety of activities, causes, organizations, performing groups, and general extracurricular pursuits seems fairly proportionate to the imagination and energy applied. We have the usual-and still meaningful-fare of musical and theatrical groups, athletics, forensics, publications, political and religious gatherings, honor societies and special interest clubs. The campus calendar is jammed. Sports, films, concerts, plays, lectures, and many informal things like Bread and Soup Banquets, Brown Bag Concerts (eat \& listen), coffeehouse type gatherings at the Cat Cavern, and meetings of everyone from the Political Action Committee to those who relish Nordic skiing.
Away from campus, many students find satisfaction and enjoyment in helping others. Students maintain a volunteer bureau that answers needs in the community for tutors, big brothers and sister for one-parent children aides at the schools for the blind, deaf and mentally retarded, instructors in music and other skills, and pure manpower for special charitable projects.
Through a network of committees, Willamette relies on students to play a prominent role in governance and campus activity. The student governing bodies provide various services to the student body and fund several publications, lectureships, club sports and other activities. Willamette has a Minority Student Union and encourages minority enrollment, but the University doesn't do as well as it would like. Sometimes inner-city residents find the suburban-like predominantly white environment here a difficult adjustment to make. Still, we think the advantages of Willamette

outweigh the disadvantages. Home away from home for about 70 percent of our students is one of 18 residences on campus. Options range among the following: an innovative International Studies House, Intensive Study dorm, Nutrition Awareness meal option, five coed residences (one with an arts sector and one to study alternatve futures), six national fraternities and three sororities and two women's residences.
The campus is generally casual and relaxed. We try to create an environment that allows maximum opportunity for personal interaction. Residence groups are small. Spots like the University Center provide both public and private places to meet. The campus, adjoining state capital grounds, and nearby Bush Pasture Park are great for quiet strolls, offering secluded spots for privacy and contemplation. Campus regulations are minimal, just sufficient to protect the interest and rights of all. Of course, the students' style of living is affected by those around them, but in general, the living style you develop is primarily your choice. The University provides the options. You exercise them.

## niversity Facilities

People, not a physical plant, make student life what it is. However, we are proud to have one of the most attractive campuses in the Northwest. Willamette has 34 buildings on 57 acres with no streets through the main part of the campus. There's lots of green-trees, shrubs, and expanses of grass for outside classes, frisbie-tossing, or meditative strolling. A smooth-flowing Mill Race runs through the middle of campus, large enough for spawning salmon.
In 1974, the long-awaited Sparks Physical Education and Recreation Center, a $\$ 2.6$ million, 72,000 square foot facility for PE, intramurals, informal campus and community recreation, classes and varsity sports was opened. For track enthusiasts, Willamette has a new, eight-lane all weather track at McCulloch Stadium. (Willamette is a member of the Northwest Conference and men participate in football, basketball, baseball, track, golf, swimming, tennis, wrestling and cross country. Soccer and rugby are club sports. Women have intercollegiate competition in field hockey, volleyball, tennis, basketball, track, softball, golf, swimming, badminton and bowling through the Women's Conference of Independent Colleges.)
A three-phase, $\$ 2.3$ million renovation project was started in 1977 to upgrade facilities in art, music, theatre and to expand the University library over a six-year period. To date the Art Building has been completely renovated, and the $\$ 586,000$ theatre building project is scheduled for completion by January, 1979. This building contains a large flexible theatre, classroom, studio, office, and technical shop and costuming space.
While some students know exactly what they want to do after college, many incoming students have formulated only tentative

plans at most. In some ways, we think, it is unrealistic to feel compelled to have your mind made up. The college experience should help you do that. As a matter of fact, many students who arrive "knowing" exactly what they want end up changing their minds in a short while.
We encourage experimentation and flexibility. The key to Willamette's education is the liberal arts core curriculum. Each student, with the aid of a faculty advisor, plots his or her own course of study. Six guideline areas are used by the advisor and student to develop a comprehensive study program. Many options are open, including 19 traditional liberal arts majors, eight in music and theatre, and eight in inter-area studies. From these and six other non-major fields as a basis, a student may also design an individual major program with an advisor's approval.
Other than competence in written and spoken English (and for the Bachelor of Arts degree-foreign language), no specific courses are required. Students and advisors, then, tailor demanding and comprehensive study programs to meet individual needs and desires.
Willamette stresses theory and principle. Students learn what's in, around, above and behind topics they are investigating. The cause, concept and principle become paramount. Such goals as these do not preclude the practical.

## urricular Options

Beyond the traditional programs many other curricular options are available. For example, the innovative major in Public Policy prepares students for careers in social or public service through course work and internships with local governmental agencies. Political science majors have similar opportuities as do majors in the foreign languages, economics, psychology and sociology. Willamette offers other options. We have a double-degree program in engineering with both Stanford and Columbia, and 3-2 programs in forestry (with Duke University) and administration (with the Atkinson School). Willamette is among the select colleges participating in the Washington Semester Plan at American University in the nation's capital and the United Nations Plan with Drew University. A teaching certificate in elementary education can be earned through a cooperative degree program with nearby Oregon College of Education. Foreign study programs are available on a regular basis. Sites include study in our four on-going programs: England, Germany, Costa Rica and Japan. (Willamette has a sister-college relationship with the International College of Commerce and Economics near Tokyo.) Others have included Mexico, France, Ireland, and Yugoslavia.
Environmental Science students are also studying off-campus. For a month in the summer of '72,21 students camped and explored their way through Oregon. Some 2,800 miles were log-

ged on the first-hand study of the state's mountain, desert, valley and coastal regions. Summers of '73, '75 and '77 occupied students in Hawaii, and in 1974 a field study was conducted in the desert regions of Nevada, Arizona, California and Northern Mexico. Seven other students and a professor went on a 45-day, 13,000-mile study of Australia. Continued visits to these and new sites are planned.
The Music and Theatre departments are staffed primarily by professors who are performing artists in their own right. They provide intensive study for the music and theatre major and a broad variety of courses for the non-major. The music faculty, students and guest artists perform regularly (symphony, choir, band, opera theatre, quartets, solo recitals), and the theatre schedule boasts a nine-month season of musicals, plays and experimental productions. The Bachelor of Theatre, a professional five year degree including one year internship, was added in 1975. The 1,250 seat G. Herbert Smith Auditorium is used for most of the music programs. Theatre productions are offered in the Willamette playhouse.

## dmission Procedures

Admission to Willamette is selective. We build important elements of our liberal arts program through the selection process, believing that a diversity and balance of academic and personal strengths enhances the education of all. Because of our academic orientation, the high school transcript is the single most important document we consider. We find the transcript to be the best indicator of college success. A completed application form, test scores (SAT, ACT or the Washington Pre-College Test), a reference from your high school counselor, and your involvement in extracurricular activities are other factors taken into consideration by the Committee on Admissions. Although an interview and visit to the campus are not required for admission, both are recommended.
Following are important points on admission:

1. Application for freshmen admission should be filed before March 1. (Students seeking an Early Decison on Admission should have completed application by Dec. 15).
2. Candidates will be notified of the admissions decision after March 1. (Early Decision candidates will be notified by early January).
3. Freshmen applicants should take either the Scholastic Aptitude Test (SAT) or the American College Test (ACT) or the Washington Pre-College Test early in their senior year and arrange to have their scores sent to Willamette.
4. Applications for transfer admission should be submitted as early as possible, preferably prior to the end of the current academic year. Transfer applicants applying for financial aid should be especially careful to submit materials early. (See Financial Aid page 18.)
5. Forms for appication are supplied by the Office of Admissions. Completed forms should be returned with a non-refundable application fee of $\$ 15$.
Willamette is not inexpensive, even though tuition is lower than that of many fine liberal arts colleges and universities of the same caliber. This is made possible because of endowment income and a stable student population. The tuition and expense structure is reviewed annually at the October meeting of the Board of Trustees. The costs for 1978-79 are as follows:
Tuition and Fees
\$3,370
Room and Meals . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1,563
Books (estimated) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 180
Personal Expenses (est. avg.) . . . . . . . . . . . . . . . . . . . . . . . 450
Total
\$5,563
*Double occupancy with 21 meals per week.

## inancial Aid Program

Students admitted to Willamette are eligible to apply for financial assistance. Aid is awarded on the basis of demonstrated need. Students apply for aid by submitting the Financial Aid Form (FAF of the College Scholarship Service (CSS). Forms are available from high school counselors. In awarding financial aid as a supplement to the maximum efforts of the student and the family, Willamette considers the student's academic achievement, personal qualities, interest, and college potential along with the need. About 55 of our undergraduates received aid last year at an average of $\$ 2,547$.
To assure consideration for financial assistance, the applicant must 1. complete all admission requirements, 2. complete the Financial Aid Request card in the admission application form, and 3. have on file at Willamette the FAF. All of these steps should be completed by February 1. Notification of aid for incoming students will be made by April 15.
The following catalog section has more details on financial aid. A financial aid flyer is available upon request. Don't hesitate to write if you have further questions.



Willamette University is a private, independent university of residential character founded in 1842 by Christian missionaries to the Oregon Country. Mindful of its long and distinguished heritage, the University seeks to create an invigorating atmosphere for learning which features small classes, close student-teacher relationships, and a diversity of academic programs and learning methods-to traditional, experimental, interdisciplinary-to meet individual student objectives. Equally important, Willamette attempts to provide an environment in which students may develop qualities that will enhance the varied dimensions of their future personal, civic, and professional lives.
The chief purpose of Willamette University is the establishment of a community in which learning and teaching will flourish. Due to its unique character and location, the University mission involves a blend of liberal arts and professional education. The undergraduate College of Liberal Arts offers B.A. and B.S. degrees, the former requiring foreign language proficiency. Professional degrees in music and theatre are also offered. At the graduate level, Willamette's well-known College of Law is the oldest in the Northwest; Geo. H. Atkinson Graduate School of Administration was founded in 1973 to provide professional training for careers in both government and industry. A newly approved 3-2 program in administration combines undergraduate and graduate education at Willamette: students complete requirements for a degree major in the College of Liberal Arts in three years and then spend two years earnng the Master's degree in the Atkinson School.
The essence of Willamette University's academic comnitment to each student is a foundation in general education-an exposure to civilization's great philosophizal, artistic, literary, and cultural expressions, and a masterng of the basic human skills of reading, writing, calculating, and reasoning. General education coursework and related כxperiences serve as a preparation for advanced studies and possible off-campus application-field research, zarreer-related internships, study abroad, and others. Jverall, Willamette strives to educate the whole person, ncluding the moral, intellectual, creative, and social dinensions, and to instill a lifelong dedication to rational nquiry and human excellence.
Nillamette graduates have entered all walks of life. Out;tanding doctors, lawyers, teachers, businessmen, public iervants, and clergy who live throughout the United States and in many parts of the world have common roots in the Nillamette University community. This shared participation 7 nan institution long devoted to the quality of life of its nembers is the rich heritage of each incoming generation if students. Whatever life directions a student ultimately :hooses, these traditions and opportunities beckon to form ?ach new student's Willamette experience.

## Academic Standing

Nillamette University is fully accredited by the accrediting Igencies for American colleges and universities. It is a :harter member of the National Commission on Accrediting ind is a member of and accredited by the Northwest Asociation of Schools and Colleges. It is also accredited as a enior college by the University Senate of the United

Methodist Church. It holds membership in the Association of American Colleges and is recognized by the American Association of University Professors and the American Association of University Women.
The music program is accredited by the National Association of Schools of Music, and the University holds institutional membership in that organization. The major in music therapy is accredited by the National Association for Music Therapy. The chemistry department is on the approved list of the American Chemical Society. The University is approved by the Oregon State Department of Education and meets requirements for teaching certificates in secondary schools.
Willamette University is authorized under Federal law to enroll nonimmigrant alien students.
The Willamette College of Law is a member of the Association of American Law Schools and is approved by the American Bar Association. This status entitles Willamette Law School graduates to take the bar examination in any state and the District of Columbia.
The Geo. H. Atkinson Graduate School of Administration holds membership in four national organizations including the American Society for Public Administration (ASPA), the National Association of Schools of Public Affairs and Administration (NASPAA), the American Assembly of Collegiate Schools of Business (AACSB) and the Western Association of Collegiate Schools of Business (WACSB).

## University Library

The Willamette University Library houses approximately 120,000 volumes, including books, periodical sets and microfilm reels. It also contains nonbook and microform holdings. Current issues of over 1,000 periodicals and newspapers are available. The Library is a partial depository for U.S. government publications.

The collection is housed in open stacks, providing free access to the materials. Music books, recordings and scores are located in the Music Library in the Fine Arts Building. A small collection of chemistry books and periodicals is housed in Collins Hall.

## A Statement of Objectives

The College of Liberal Arts seeks to preserve the Liberal Arts tradition, to foster research in various fields of knowledge comprising the Liberal Arts and to relate the Liberal Arts to present needs and future concerns. To achieve the University Goals in the College of Liberal Arts, the academic programs of the College will provide learning opportunities in the arts, sciences, social sciences, and humanities. Students graduating from the College of Liberal Arts shall have:

1. Demonstrated skill in oral and written communication in the English language;
2. Maintained a rigorous course of study in the Liberal Arts, including: a. An introduction to the important philosophies, concepts, content and methods in the arts, sciences, social sciences and humanities; b. A wider investigation of at least one of these areas; c. Specialization in one of the subject fields or in a program of topically related studies.
3. Demonstrated ability to synthesize knowledge, including both the interrelation of ideas across subject fields and integration of knowledge from various sources.
As stated in the Goals, the University is mindful that the study of liberal arts requires more than a curriculum. Those aspects of college life designed to complement or supplement the academic ones are also of importance in the achievement of these goals. During their tenure in the College of Liberal Arts, students will be provided with opportunities to:
4. Develop an increasing awareness of and concern for the needs of others;
5. Further self-awareness;
6. Discover spiritual values, especially those found through Christian commitment;
7. Understand and believe in human dignity free from racial, cultural, religious or economic prejudices.

## Approved Majors

The following majors leading to a Bachelor of Arts or Bachelor of Science degree have been approved by the faculty. Professional degrees are also offered in music and theatre. Students may devise a Special Major Program in consultation with an advisor, provided that the Special Major Program is compatible with the Academic Policies of the College of Liberal Arts.

| American Studies | Mathematics |
| :--- | :--- |
| Art | Music |
| Biology | Philosophy |
| Chemistry | Physical Education |
| Economics | Physics |
| English | Political Science |
| Environmental Science | Psychology |
| French | Public Policy |
| German | Religious Studies |
| History | Russian |
| Humanities | Sociology and Anthropology |
| International Studies | Spanish |
| British | Speech |
| French | Theatre |

German
Hispanic
Soviet
Academic Policies

## Graduation Requirements and Guidelines: Bachelor of Arts and Bachelor of Science

The College of Liberal Arts offers the Bachelor of Arts and the Bachelor of Science degrees. In order to earn a degree, a candidate must satisfy certain requirements and demonstrate that prescribed guidelines have been met. The requirements are a set of conditions which must be satisfied in the manner specified. The guidelines, on the other hand, can be met in a somewhat more flexible manner. Not only can the guidelines be fulfilled by course work, but they can also be fulfilled through independent study and through previous experience. The intent of the guidelines is both to encourage a candidate to explore some academic disciplines which he/she may otherwise have been reluctant to enter and to provide for him/her a
breadth of intellectual experience, one of the marks of a liberally educated individual. The guidelines are not intended to force a candidate to duplicate what he/she has done previously. It is the joint responsibility of the candidate and the faculty advisor to establish that the intent of the guidelines has been satisfied.
In planning a total program, the candidate and advisor must give some consideration to the distribution of credits. Ideally the distribution of the thirty credits presented for graduation should be one-third in a major field of specialization, one-third in a related field, and one-third in subjects not directly related to the major. However, in individual cases some variation from this pattern may occur.

## I. Requirements:

To obtain a baccalaureate degree from Willamette University in the College of Liberal Arts a student must successfully complete 30 credits, not more than 10 of which can be in a single subject field. Major program internships and professional program internships need not be counted within the ten (10) credit maximum in a single subject field. At least 15 of these credits must be earned in residence; and, except in extraordinary cases, the last or Senior year shall be spent in residence.
Every candidate for graduation must have demonstrated proficiency in the English language by the successful completion of English 11, or of a freshman interdisciplinary seminar, or by individual arrangement with the English Department. Proficiency in English means the capability of writing coherent thoughts and arguments in papers that present a main idea and its supporting evidence in effective order. Students should choose topics commensurate with their abilities, avoiding papers which naively and uncritically confront material calling for judgment, as well as those which wander aimlessly through dimly understood issues.
As he/she explores appropriate topics, the proficient student demonstrates the ability to structure adequate paragraphs and sentences, including evidence of some masof English syntax which allows him/ her to move along the various possibilities of English sentence structure. Within these structural concerns, he/she manages the conventions of English spelling, punctuation, and usage in such a manner as to convey his/her message without distortion or general loss of credibility.
As well as mastery of syntactical and grammatical conventions, proficiency in English means control of the level of diction and sensitivity to the meanings and values of words. In thus defining proficiency, the English Department expresses its deep commitment to the belief that the educated person has command of the language he/she uses and understands that effective expression is the true mirror of thought.
Candidates who have demonstrated proficiency in a foreign language may take the degree of Bachelor of Arts; those who have not, the degree of Bachelor of Science.

## II. Guidelines:

Upon entrance each student will be assigned to a faculty advisor. The student and advisor, in mutual consultation
and concurrence, will devise an academic program suitable to the student's interest, needs and background, and also with an eye toward the larger perspective and accomplishments expected of a liberally educated person. Each individual program should contain at least the following components at the college level of depth and difficulty: 1. Experience and discipline in a laboratory science;
2. Facility in the logical connection and progression of ideas, such as may be acquired in the study of logic, mathematics, linguistics, rhetoric, and the like;
3. Grounding in the cultural heritage of civilization, such as knowledge and appreciation of history, philosophy, religion, languages, literature, and the arts.
4. Understanding of the civic dimension of life, such as may be acquired in the study of governmental, economic, and other social institutions;
5. Involvement in physical activity which leads to the development of physical fitness, health and well being;
6. Ability to relate ideas from diverse sources and integrate knowledge across subject fields, such as may be acquired through interdisciplinary and team-taught courses, seminars, and courses whose content and organizational thrust is lateral rather than vertical in the accumulation of knowledge.
Both student and advisor are urged to think of and to plan the educational experience as a whole. A pile of unrelated fragments does not make for a wholesome and satisfying educational experience. Since many entering freshmen do not yet know what their major will be (and none are expected to), the wisest procedure is to plan the first two years as a unit, with experiences broadly distributed among the components listed above. This will prepare the student for concentration or specialization when he/she does decide on a major as well as acquaint him/her with the wide variety of possible majors.
When the student is ready to declare a major (normally no later than the beginning of the Junior year), he/she will choose a faculty advisor in his/her major field or program. Together they will plan the remainder of the individual program. Ideally, the major part of the plan will influence the choices made in the non-major part of the plan. In this way the final two years will provide a drawing together to compliment the experiences of wide distribution and experimentation during the first two years.
A study program is a written agreement between the student and advisor. Advisors and students are encouraged to consider the goals of the entire undergraduate experience in the early stages of developing study programs. Copies of all study programs and revisions shall be filed with the Registrar for administrative review and referral if necessary. These records will be available for scrutiny by any member of the Willamette University community. Any undergraduate student in good academic standing, who is making normal progress toward an undergraduate degree, is eligible to register for more than four and onehalf credits with the concurrence of his/her advisor. Students not meeting these criteria must petition the appropriate committee for approval of an overload. Petition forms are available in the Registrar's Office.

## Professional Degree Requirements:

Bachelor of Music. Bachelor of Music Education and Bachelor of Theatre.
(For requirements in Music, see page 60.)
(For requirements in Theatre, see page 85.)

## Senior Evaluation

Senior Evaluation is optional in all major programs. The nature of the evaluation is to be determined by mutual agreement among student, advisor and the department.

## Advising and Registration

The Academic Advising system of the University is organized to enhance the traditionally close relationship between students and faculty. Willamette is vitally interested in the intellectual, social, moral, religious, cultural and emotional growth of each student and views advising and counseling as integral parts of the total educational process. All undergraduate students work directly with an academic advisor, although incoming freshmen also participate in a group advising process during orientation. Upon declaring a major, the student chooses an advisor from the major department.
Each transfer student is assigned an individual faculty from the declared major field of study prior to his/her initial Willamette semester. It is very important that transfer students arrange to meet their faculty advisors early in order to develop a program of study which fulfills both degree requirements and College of Liberal Arts Graduation Requirements and Guidelines.
Students whose applications for admission have been accepted register on the dates designated in the catalog (see Calendar, page 121). A late registration fee of $\$ 5$ for the first day and $\$ 1$ for each class day thereafter is charged students who do not complete registration by 4:00 p.m. on the last regular registration day.
The normal program at Willamette includes four credits per semester. Each credit is equivalent to four semester hours or six quarter hours. A student may register for up to $41 / 2$ credits without extra charge. A student registering for more than $41 / 2$ credits must have the approval of his or her advisor.
A semester grade of " N " is given if a student withdraws for any reason, other than serious illness, from a course later than the time prescribed by the Academic Calendar unless the student has been granted advance permission to withdraw by the Academic Status Committee.
A student is required to attend class until he or she is officially dropped. Forms for withdrawal may be secured from the student's advisor. If a student fails to withdraw officially, his or her grade in any course which he or she discontinues becomes an " N ".
The University reserves the right to discontinue any class for which the enrollment is insufficient.

## Transcripts

One official transcript or record will be issued without charge by the Registrar. All requests must be confirmed in writing by the student. Subsequent requests require a fee of one dollar for each transcript unless more than one is
ordered at a time, in which case a charge of fifty cents for each additional transcript ordered will be made.

## Grading Policy

## Undergraduate Programs

The following grades will be given for course credit: $A, A$ minus, $B$ plus, $B, B$ minus, $C$ plus, $C, C$ minus, $D$ plus, and D .

1. The grade of $A$ will denote excellent performance.
2. The grade of $B$ will denote good performance.
3. The grade of $C$ will denote satisfactory performance.
4. The grade of $D$ will denote below standard performance.
5. The grade of $P$, used in those courses designated by the faculty, or those courses selected by students on the Pass/No Credit option, will be interpreted to the equivalent of $\mathrm{A}, \mathrm{B}, \mathrm{C}$, or C minus. Although P grade credit will be granted toward the degree, P grades will not be computed in the GPA. A grade of D plus and below will be converted to No Credit.
6. The grade of $N$ will stand for No Credit. No credit will be granted toward a degree and the N grade will not be computed in the GPA. A grade of N is given by an instructor when a student does not complete a course satisfactorily. 7. The grade of $W$ will stand for Withdrawal and is given at the request of either the student concerned or the instructor of the course. No credit will be granted toward a degree and the W grade will not be computed in the GPA. The final date to drop a class in order to receive a grade of W without petitioning the Academic Status Committee will be the tenth Friday of classes for full semester and second half semester courses, and the fifth Friday of classes for first half semester courses. Withdrawal after these dates will be by petition only.
7. The grade of I will stand for Incomplete. This grade may be given only in cases of illness verified by the Health Center or for certain other exigencies verified by the Personnel Deans. No credit will be granted toward a degree until the work is made up. Unless a further extension of time is authorized by the Health Center or the Personnel Deans, such work must be made up during the next 30 days of residence; otherwise a grade of N will be recorded. If such work is made up, credit will then be granted toward a degree if the student earns a grade of $C$ or higher.
8. The grade of T will stand for Continuing Project, with an extension of time authorized by the instructor. No credit will be granted until the project is completed. All T grades granted during one academic year must be removed (i.e., work completed and final grades authorized) by the beginning of the next academic year or such T grades automatically become N's.

## Pass/No Gredit

Regular students may take only one credit per semester on a Pass/No Credit basis; this does not include courses which have been designated exclusively for Pass/No Credit grading.
Pass $(P)$ is equivalent to grades of $A$ through $C$ minus. No

Credit ( N ) is equivalent to grades of D plus and below. P grades will count as part of the 30 satisfactory credits required for graduation; the P grade will not be counted in the grade point average.
Students desiring to do so will sign up for Pass/No Credit courses in the following manner: All students will register for all courses in the regular fashion. Within the first ten school days of the semester, any eligible student who wishes to elect a course on the Pass/No Credit basis may do so by filing an appropriate form with the Recorder. Except for courses that begin after Mid-Semester, this form may not be withdrawn or amended after the first ten school days of the semester. For those courses that begin after Mid-Semester, these forms may also be filed during the first ten school days following Mid-Semester, but the forms may not be withdrawn or amended thereafter. After these forms are filed, and for the remainder of the semester, they shall be considered as privileged information. The Recorder may not reveal their existence to the instructor concerned or anyone else.
At the end of the semester, instructors will turn in grades of $\mathrm{A}, \mathrm{B}, \mathrm{C}, \mathrm{D}, \mathrm{P}$, or N in the usual fashion.
To be eligible to take courses on a Pass/No credit basis, a student must be a full-time student in good academic standing and must have successfully completed three (3) credits at Willamette University the previous semester. A student may not take more than one Pass/No Credit per subject field.

## Class Regulations

Class attendance is subject to the following guidelines:

1. Students are expected to attend classes.
2. Each individual instructor sets the specific attendance standards for his/her own classes.
3. Irregular attendance may impair the student's progress and therefore be reflected in his/her grades. Faculty members should inform students about attendance requirements at the beginning of each semester. If such is not done, the student should feel obliged to request this information from his/her instructor.

## Honors in Scholarship

Honors of summa cum laude, magna cum laude, and cum laude are granted by faculty vote to students receiving the baccalaureate degree. Such honors are normally restricted to those students who are at least in the upper ten per cent of their class. A transfer student, to be eligible for a degree with honors, must have earned no fewer than 11 graded credits at Willamette at the time of his election.

## Study Programs and Course Listings

Each course is valued at one credit unless otherwise noted in parentheses following the course title. The faculty reserves the right to add and to delete courses, to make changes in course content, and to make other curricular changes at any time.



American studies offers an inter-area major for those students desiring a broad perspective of American society and culture. Its objective is to provide a combination of approaches to American life to the end that a fuller awareness of it can be attained and that the American heritage can be evaluated in its contributions to world civilization. A major in this area would be suitable for prospective elementary and secondary teachers, lawyers, government employees, journalists, and candidates for graduate degrees in American Studies. Senior evaluation consists of a senior paper written in conjunction with the seminar. A major consists of the following:

## A. Six Specific Courses

Eng 22 American Literature, Whitman-WW II
Hist 41 or 42 American Intellectual History
Pol Sci 13 American Politics
B. Three courses in addition to A, one each from Groups I, II and III
Group I: Humanities
Art 45 American Art History
Hist 30 Topics in US History, Early Period
Hist 31 Topics in US History, Later Period
Group II: Letters
Eng 21 Amer. Literature to Civil War
Eng 33 Social Factors in Amer. Lit.
Eng 35 20th Century Amer. Lit.
Eng 42 The American Novel
Group III: Social Science
Econ 15 Descriptive Economics
Pol Sci 41 Urban Politics
Pol Sci 61 American Foreign Policy
Soc 14 Racial and Ethnic Minorities
Soc 24 Amerindians of North America
Soc 58 The Urban Community
Soc 67 Social Stratification
C. Four courses in addition to $A$ and $B$, selected from all the courses in the American Studies curriculum
Group IV: Other Courses
Art 35 Intro to Urban Form and Design
Bio 48 General Ecology
E.S. 19 Intro. to Geography
E.S. 21 Geology of the Western US

Eng 77 Seminar in Amer. Lit.
Econ 32 Urban and Regional Economics
Hist 38 Readings in American Hist.
Hist39 American Colonial History
Hist 40 U.S. History Since WWII
Pol Sci 44 Planning and the Urban Environment
Pol Sci 68 Crisis Politics and Policy
Speech 60 Rhetoric and American Eloquence
Soc 46 Collective Behavior
Soc 73 Formal (Complex) Organizations
Soc 48 American Popular Culture


The Art Department is committed both to the broad liberal arts tradition and to the very specific activities of creating art and assessing its nature and history. Accordingly, the typical art course addresses both these commitments. An art course taken singly can relate to virtually any humanistic major program at the University; taken in conjunction with other art courses, it can become an element in core of offerings that make up the departmental major in art. The department faculty - three artists and one art historianembodies a wide range of interests and philosophies. The faculty shares, however, the objective that each student majoring in art can be acquainted with the discipline itself and also with its relevance to human experience-now and in the future, as well as in the past.
A student majoring in art completes 8 credits in the department. It is encouraged, as well, that the foreign language requirement for the Bachelor of Arts degree be fulfilled. Within the department, students have latitude in tailoring a course of study. Most majors emphasize either art studio or art history, but a fairly equal blend of both aspects of art study also is encouraged. In addition, the Art Department cooperates with the Education Department in offering a secondary art education teaching certificate (this option should be anticipated as early as possible in the student's program). A studio emphasis major completes at least 6 credits in studio and 2 in art history (Art 43; Art 45 or Art 58). An art history emphasis major completes at least 6 credits in art history and at least 2 courses in studio (Art 11 or Art 14; Art 24 or Art 36). Studio seniors participate in a senior exhibition of their work. Art history seniors write a senior paper.
11 Drawing and Composition (1/2)
12 Color and Composition (1/2)
13 Fundamentals of Design (1/2)
14 Structural Design ( $1 / 2$ )
19 Design in Advertising (1/2)
21 Low Fire Ceramics (1/2)
22 Oil Painting I $(1 / 2)$
23 Oil Painting II $(1 / 2)$
24 Ceramics I (1/2)
25 Ceramics II (1/2)
26 Life Drawing I (1/2)
27 Life Drawing II ( $1 / 2$ )
28 Beginning Jewelry-Metalsmithing (1/2)
32 Printmaking I (1/2)
33 Printmaking II (1/2)
36 Sculpture I ( $1 / 2$ )
37 Sculpture II (1/2)
72 Survey of Art History, Prehistoric Through
Romanesque

43 Survey of Art History, Gothic to Modern
52 Italian Renaissance and Baroque Art History
53 Northern Renaissance and Baroque Art History
58 Twentieth Century Art History
59-60 Independent Study in Art History ( $1 / 2-1$ )
61-72 Independent Projects
61 Painting $\mid(1 / 2)$
62 Painting II $(1 / 2)$
63 Ceramics ( $(1 / 2)$
64 Ceramics I (1/2)
66 Sculpture I (1 $1 / 2$ )
67 Sculpture II ( $1 / 2$ )
67 Printmaking I (1/2)
68 Printmaking II (1/2)
69 Design I (1/2)
70 Design II (1/2)
71 Drawing $\left.{ }^{(1 / 21}\right)$
72 Drawing II (1/2)
Roger P. Hull, Assoc. Professor, Chairman
Carl A. Hall, Assoc. Professor
Robert H. Hess, Assoc. Professor
Mary Ann Johns, Asst. Professor


Students are expected to acquire a basic understanding of physiological functions of living organisms and the structures and systems which determine these functions; basic energy conversion systems; theories of inheritance, evolution and development; history and progress of biology. A major is required to complete a minimum of eight credits in biology. A Biology major must complete the following courses: $20,29,45,48,72,75,83,84$ and two elective credits in Biology. In addition, two credits of college chemistry, one credit of college mathematics, statistics or computer programming and one credit from Physics Department offerings must be completed for the major. One research project is required of each major. Students may also apply for credit for an appropriate internship through the University Internship Program. Senior evaluation includes presentation of the student's research and an oral examination. Career opportunities extend to the health fields, resource management, teaching, and environmental science. It is not uncommon for graduates to enter non-related fields (i.e., law, news media, commercial travel, insurance) and apply biology information to problems they encounter.
A versatile faculty, modern equipment, frequent field trips and an informal atmosphere enhance the offerings in biology.
10 Principles of Biology
12 Principles of Nutrition ( $1 / 2$ )
20 General Zoology
24 Field Zoology
26 Vertebrate Zoology
28 Plant Diversity
29 Plant Anatomy and Physiology
32 Human Anatomy
33 Human Physiology
35 Microbiology
45 General and Comparative Physiology
48 General Ecology
66 Cell Biology
72 Fundamentals of Genetics (1/2)
73 Molecular Genetics ( $1 / 2$ )
75 Evolution ( $1 / 2$ )
76 Marine Ecology ( $1 / 2$ )
80 Independent Study ( $1 / 2-1$ )
83 Perspectives in Biology ( $1 / 2$ )
84 Senior Research Seminar ( $1 / 2$ )
Donald R. Breakey, Professor, Chairman
Martha E. Springer, Professor
Scott D. Hawke, Assoc. Professor
Grant O. Thorsett, Assoc. Professor
Elizabeth A. Yocom, Instructor (part-time)


Willamette University is among the institutions approved by the American Chemical Society for undergraduate education in Chemistry. A chemistry major is offered in a Liberal Arts setting as an approach to a wide variety of non-scientific careers. The chemistry program is also designed to supply the chemical background necessary for those who wish to become employed as chemists or as secondary school teachers upon graduation, as well as for those who plan to enter graduate school or professional school such as medicine or dentistry. Eight credits in Chemistry are required for a major. The major in Chemistry must include courses distributed among the areas of Analytical, Inorganic, Organic, and Physical Chemistry. The actual combination of courses taken by a student planning a chemistry major will depend on preparation and plans for the future. The usual first course in the chemistry program is Chemistry 24, Introductory Chemistry I , although well-qualified students may begin at a higher level. Students are strongly encouraged to participate in ongoing research projects. Requirements from other subject-fields include at least one year each of physics and mathematics. Students who contemplate a major in Chemistry should include Mathematics 20 and 21 in their freshman or sophomore schedules. Experience in Computer Science is also helpful. Chemistry majors who plan to enter graduate school or who wish to be certified by the American Chemical Society, should take two or more chemistry courses numbered 70 or above and should have either a reading knowledge of a foreign language preferably German or Russian, or a computer science course beyond Computer Science 5 .
24 Introductory Chemistry I
25 Introductory Chemistry II
26 Introductory Chemistry III
31-32 Organic Chemistry I and II
40 Biochemistry
51 Physical Cemistry I
52 Physical Chemistry II
56 Analytical Chemistry
62 Inorganic Chemistry
78 Thermodynamics
79 Statistical Mechanics
80 Applied Group Theory
83 Independent Projects I $(1 / 2)$
84 Independent Projects II ( $1 / 2$ )
Frances H. Chapple, Assoc. Professor, Chairman
Paul M. Duell, Professor
Norman J. Hudak, Professor
Arthur D. Payton, Research Professor
David Goodney, Asst. Professor

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The courses in Computer Science are designed to provide the liberal arts student with a basic understanding of the computer, its power, and its limitations. In addition to helping the student appreciate the significance of the computer's impact on our society, these courses will enable the student to use the computer in other courses and in his/her future work.

14 Computing Concepts
21 Introduction to Programming Using FORTRAN
22 Introduction to Programming Using BASIC
25 Individual Study of FORTRAN
26 Individual Study of BASIC
30 Computers and Programming
45 Independent Study in Computer Science
46 Independent Study in Systems Programming
47 Independent Study in Applications Programming
J. Michael Dunlap, Asst. Professor, Chairman

Robert S.Jaquiss, Sr., Instructor, (part-time)
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Selected courses in geography and geology are offered. Courses demonstrate the scope, structure, and nature of the earth sciences. The objective is to provide the liberal arts student with a fundamental understanding of the earth and physical environment. Some expansion of course offerings is anticipated for the 1978-79 academic year.
10 Physical Geology
11 Historical Geology
19 Geography
21 Geology of the Western United States
22 Environmental Geology
23 Independent Study in Earth Science
30 World Geography
31 Geography of Europe
35 Independent Study in Geography
Harry E. Rorman, Assoc. Professor, Chairman
Thomas Detwyler, Assoc. Professor


The objectives of economics courses are to help students develop the ability to think clearly about complex economic, political and social issues, and to gain an understanding of how the economic activities of private and public institutions or interest groups relate to issues such as inflation, unemployment, poverty, environmental quality, urban and regional problems, and international economic concerns.
The Introductory Program: Students may begin their study of economics at Willamette with either Economics 15 or Economics 18. The first of these courses, Contemporary Economic Issues, focuses on a selected set of issues or problems and the ways in which economic modes of thinking can help to clarify the nature of these issues and alternative approaches to resolving policy problems.
Economics 18, Principles of Economics, involves a more formal and explicit development of economic theory, and is the basic introductory course to the major and to certain other courses in the department. Students may take both courses, but those who have serious interest in the social sciences and adequate backgrounds in high school mathematics are encouraged to enroll directly in Economics 18.
The Major Program: Eight credits in economics are required of majors, including three courses in economic theory (Economics 18, 48 and 58) and a course in statistics (Economics 65). The other economics courses are elective, and may be chosen on the basis of each student's academic interests and possible career objectives. In addition to these economics courses, each major is required to complete a course in calculus (Mathematics 19 or the equivalent) and an introductory course in political science. In order to take advantage of possible internships available through state and other agencies, and to participate in senior-level courses such as Economic Simulation (Economics 61) and the Senior Research Seminar (Economics 78), majors are encouraged to complete the required courses by the end of the junior year.
A solid background in economics is valuable to students preparing for graduate work in economics, business, public administration and law; it is also useful as preparation for possible careers in such diverse fields as business, law, government, medicine, social work and education. Courses in the other social sciences, mathematics and computer science, English, and foreign languages also contribute significantly to preparation for such graduate study and career opportunities.

15 Contemporary Economic Issues
18 Principles of Economics
24 Business Law
26 Principles of Accounting
28 Managerial Accounting
31 Regional Economics and the Economy of Oregon
33 Economics and Politics of State and Local Budgeting
35 Environmental Economics
36 Comparative Economic Systems
38 History of Economic Thought
39 Introduction to Radical Political Economics
40 Economic Philosophy for a Post-Industrial Society
42 Finance and Investments
48 Intermediate Microeconomics
51 Money and Banking
52 Labor Economics
56 The Economics of Developing Countries
57 International Economics
58 Intermediate Macroeconomics
61 Economic Simulation (1/2)
64 Introduction to Econometrics (1/2)
65 Economic Statistics
68 Mathematical Economics
70 Independent Study
78 Senior Research Seminar
Thomas H. Hibbard, Assoc. Professor, Chairman
C. Russell Beaton, Professor

Richard M. Gillis, Professor
James S. Hanson, Assoc. Professor
Jack Leonard, Assoc. Professor
Thomas B. Brand, Lecturer (part-time)

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ducation

The education courses have the primary purpose of furnishing a sound professional preparation for secondary teachers. They also satisfy requirements for the Basic Secondary Oregon Certificate, and completion of the prescribed program usually qualifies one for certification in other states as well.

## Teacher Preparation

Willamette University provides a program for the preparation of middle, junior, and senior high school teachers in the following fields: Art, French, Spanish, German, Physical Education, English, Mathematics, Music, Biology, Chemistry, Physics, Integrated Science, Social Studies, Speech and Drama. The Willamette program of teacher education is organized around the professional semester concept which reserves one of the last two semesters of residence for most of the professional education courses and student teaching. General education and major work should be in an academic area closely related to one's intended teaching field.
The Basic Secondary certificate for Oregon and comparable certification elsewhere may be achieved upon completion of the bachelor's degree and the professional education program. It is expected that the student will complete all required courses on the Willamette campus. Standard certification may be achieved by following an approved one year program of graduate work at any institution which is accredited for standard preparation. This may be done either before the beginning of a teaching career or after some teaching experience has been obtained.
Admission to the program is accomplished by written application and subsequent acceptance by the Education Department. All interested students should make personal contact with the department faculty. Each student is responsible for satisfaction of all requirements. Detailed written information may be obtained from the Education Office. Willamette offers a joint B.A.-B.S. degree program with Oregon College of Education for elementary teachers. By careful scheduling a student can spend two of the eight semesters at OCE and obtain a degree from each institution and elementary certification. Persons interested in this option should contact a member of the Education Department as soon as possible for early planning. See page 67 for methods courses in Physical Education.

## Teacher Education Program Sequence

The teacher education program sequence includes the following courses: 25,35 and 74 ; professional semester courses are 45, 55, 70-76, and 86. All special methods courses, numbered $70-76$, include work on strategies, media, reading and writing, curriculum, and diagnostic, and remedial procedures which are specially applicable to that field.

6 Development of Learning Skills for College Work (1/4)
25 Introduction to Teaching (1/2)
35 The School, Teacher, and Student ( $1 / 2$ )
45 Psychological Foundations of Education
55 Principles of Teaching
61 Public School Music Methods-Elementary Classroom (1/2)
63 Public School Music Methods-Instrumental
65 Public School Music Methods (1/2)
70 Methods of Teaching Art (1/2)
71 Methods of Teaching English ( $1 / 2$ )
72 Methods of Teaching Modern Foreign Languages ( $1 / 2$ )
73 Methods of Teaching Mathematics $(1 / 2)$
74 Teaching of Reading and Writing (1/2)
75 Methods of Teaching Science ( $1 / 2$ )
76 Methods of Teaching Social Studies ( $1 / 2$ )
86 Supervised Teaching ( $11 / 2$ )
Wright Cowger, Professor, Chairman James R. Lyles, Jr., Professor Theodore Y. Ozawa, Asst. Professor George Dyer, Instructor (part-time) John Erickson, Instructor (part-time) Bruce Stewart, Instructor (part-time) Don Walton, Instructor (part-time) Harry Geil, Instructor (part-time) Jane Wilson, Instructor (part-time)


In a recent publication of the Modern Language Association, an English major was defined as:
an A or B liberal arts college graduate with a thorough grounding in composition (including not only freshman English but advanced grammar); with a knowledge of Literature ranging from The lliad to the most modern novels; with the ability to set down in a concise, a logical, and an orderly manner materials obtained through research; and, perhaps with a modicum of creativity.
Far from being impractical, a general liberal education is an invaluable element in career preparation. English majors, for example, have several alternatives to teaching careers. There is documentary evidence that training in English and Literature is highly desirable for future service in law, medicine, business, or government.
Consequently the Willamette University English department offers language and literature studies on several levels-from assisting students to acquire basic composition skills (satisfaction of the graduation requirement of proficiency in English), through more advanced courses in expository and imaginative writing, to the appreciation of literature in general and of major literary figures and movements in particular.
The English major must complete a minimum of eight credits in the department, but the maximum of ten credits is advised. Courses related to the English proficiency requirement do not count towards the major.
The major program requires English 15, either two related major period courses or one survey sequence, one Shakespeare course, and either a Senior Seminar (English 77 or 78) or a project in Independent Study (English 80). The advisor and the major will develop together a major program that ensures the study of the literary tradition, the literary genres, and the language itself.
Individual research is encouraged through Reading and Conference (English 68) and Independent Study (English 80). Senior evaluation includes a thesis developed from a Senior Seminar, Independent Study or directed creative project. Majors seeking graduation with distinction may also elect to have written or oral examinations. In addition, English majors are strongly encouraged to obtain proficiency in one foreign language, thus graduating with the Bachelor of Arts degree. Those contemplating graduate study in English are advised to continue foreign language study beyond the intermediate level. English majors are also expected to take at least three courses from the following related fields: theatre, speech, religion, philosophy, art history, and history, and are strongly encouraged to elect an interdisciplinary arts course.

8 English Composition Workshop
10 The Craft of Writing I
11 The Craft of Writing II
14 Science Fiction
15 Foundations of Literature
17 Mysticism and Creativity
21 American Literature from Its Beginnings to the Civil War
22 American Literature from Whitman to World War II
23 Survey of British Literature I: Beowulf to Johnson
24 Survey of British Literature II: Wordsworth to Eliot
29 Black Literature
34 Modern British Literature
35 Modern American Literature
36-37 Imaginative Writing I and II
38 Intermediate Writing
39 Advanced Writing: Rhetorical Strategies
41 The Novel
45 Renaissance Literature: Milton
46 Medieval Literature: Chaucer
50 Seventeenth Century English Literature
51 Eighteenth Century Literature: Satire
53 Nineteenth Century Literature
55 Theories of Criticism
56 Film Genre and Authorship
59 Shakespeare: The Earlier Plays
60 Shakespeare: The Later Plays
61 The Development and Structure of the English Language
66 Poet-Painters: Blake and Rossetti
67 History of Cinema
68 Reading and Conference
77 Senior Seminar I
78 Senior Seminar II
80 Independent Study ( $1 / 2-1$ )
Virginia Bothun, Asst. Professor, Chairman
Gerard Bowers, Assoc. Professor
Wilbur S. Braden, Assoc. Professor
Richard D. Lord, Assoc. Professor
Kenneth S. Nolley, Assoc. Professor
Adele Birnbaum, Asst. Professor
Carol Long, Asst. Professor
Richard A. Sutliff, Asst. Professor
Darrell Milner, Instr. (part-time)

The Environmental Science Major involves an interdisciplinary approach concerned with the effects of human activities on earth and, conversely, with the influence of earth processes on the works of men and women. The curriculum is constructed from the University's offerings to provide the student a selection in his/her field of emphasis through choice of electives. The depth in the chosen field of emphasis, and the breadth in the core courses, give the student a foundation and perspective of the environment that is appropriate to the liberal arts tradition.

## Required Courses:

Bio 10 Principles of Biology
or Bio 20 General Zoology
Bio 48 General Ecology
Chem 24 Intro. to Chemistry I
Chem 26 Intro. to Chemistry III
Econ35 Environmental Economics
Erth 10 Physical Geology
Erth 19 Geography (Resource and Climatically Oriented)
Intr60 Seminar in Environmental Science
Poli 41 Urban Politics
Soc A course in Sociology
Electives: (four courses)
Art 50 Architecture in America
Bio 24 Field Zoology
Bio 28 Plant Diversity
Bio 71 Microbiology
Chem 31 Organic Chemistry I
Econ 31 Regional Economics and the Economy of Oregon
Erth 31 Geography of Europe
Erth 11 Historical Geology
Erth 21 Geology of the Western U.S.
Erth 22 Environmental Geology
Erth 30 World Geography
Erth 31 Geography of Europe
Erth 32 Geography of Middle America
Intr 40 Environmental Field Studies I
Intr 41 Environmental Field Studies II
Intr 42. Environmental Field Studies III
Intr 43 Foreign Field Study
Phys 11 Introductory Physics I
Phys 12 Introductory Physics II
Phys 16 Contemporary Physics
Phys 40 Modern Physics
Phys 65 Nuclear and Particle Physics
Poli 44 Politics, Economics \& Planning
Soc 58 The Urban Community

oreign Languages \& Literatures


The goal of the Department is to contribute to the liberal education of students by providing courses and programs designed to develop an appreciation of foreign languages and literatures as essential elements of culture and to promote the sensitivity to human values and the critical thinking that is inherent in the study of cultures other than one's own. More specifically, elementary and intermediate level foreign language courses develop the basic skills of speaking, listening comprehension, reading, and writing and allow students to demonstrate proficiency in a foreign language (French, German, Japanese, Russian, or Spanish), a requirement for the degree Bachelor of Arts (see "Graduation Requirements and Guidelines," page 22). Advanced courses in foreign language, civilization, and literature allow interested students to develop their language skills further and to advance their understanding of foreign cultures. Major degree programs are offered in French, German and Spanish.
Majors in the department are required to complete 7 credits of course work in the department beyond the intermediate-level language courses, including at least 1 credit in Composition and Discussion and 1 credit in Civilization. Students declaring a major in a foreign language must consult with their major faculty advisor to design an approved course of study. Comprehensive written and oral examinations are required of all department majors in their senior year. Interdisciplinary major degree programs are also offered in International Studies for foreign language students desiring an area emphasis (see "Inter-Area Studies," page 52).
Foreign language students enjoy the use of the university's modern, well-equipped listening and level-3 language laboratory and enhance their language skills in the Willamette International Studies House (WISH) where they may reside with exchange students, meet with professors for additional foreign language conversation, and attend guest lectures, films, and other cultural events. Many university-sponsored and national programs for foreign study are open to qualified language students, and the department faculty strongly urges its students to improve their language competency and broaden their education through off-campus study on approved programs. Willamette has sponsored semesters abroad in Mexico, France, Costa Rica, Japan, Ireland and Yugoslavia. A variety of career opportunities are available to students who graduate with a strong grounding in foreign language. These include social work among non-English speaking minority groups, teaching, foreign service, interpreting, international trade and graduate study.
Foreign Language Proficiency: An entering student at Willamette may satisfy the foreign language proficiency requirement for the BA degree by any of the following options:

1. Completing an Intermediate Language course number 22 with a grade of C or better.
2. Completing a foreign language course number 35,47 , or 48 .
3. Attaining a score of 4 or 5 on the Advanced Placement Test in a foreign language.
4. Successfully challenging the appropriate Foreign Language Proficiency Test.
Transfer students who have completed two or more years of college-level language study may satisfy the foreign language proficiency requirement by option 2 or 4 above. Entering students whose native language is not English may demonstrate proficiency in a foreign language by satisfying the English Proficiency Requirement.

11-12 Elementary French I and II
21-22 Intermediate French I and II
35 Composition
36 French Conversation
42 Introduction to French Literature
47 History of French Civilization
48 History of French Thought
50 French Composition and Discussion
51 French Classical and Romantic Plays
52 Corneille, Moliere, Racine
53 Phonetics
54 The Age of Enlightenment
56 Realist \& Naturalist Movements in 19th Century French Literature
57 History of the French Language
58 Man's Fate in the French Philosophical Novel from Voltaire to Camus
60 Introduction to French Linguistics
61 Advanced French Composition
63 Nineteenth Century French Novel
65 The Novel from Proust to the "New Novel"
66 French Theatre from the Theatre Libre to the Present
67 French Poetry
68 Reading and Conference
70 The French New Novel
71 French Literature of the Renaissance
73 Gide and Camus
74 Albert Camus: A Search for Meaning
75 French Medieval Literature

## German

11-12 Elementary German I and II
21-22 Intermediate German
35 German Composition and Discussion
42 Introduction to German Literature
45 German Readings in Natural and Social Sciences
47 German Civilization
52 Realism and Naturalism
53 Applied Phonetics in German (1/2)
54 History of German Thought
57 History of German Language
58 Early German Literature
59 Goethe
60 Modern Literature
61 Advanced German Composition
62 Classicism and Romanticism
64 The Enlightenment
68 Reading and Conference
(Course and Faculty listings continued on page 96)



The courses in the department are designed to give an introduction to history as an intellectual discipline employing the historical method to achieve an understanding of the records of the past. The student will be encouraged to view an accurate knowledge of history as a means toward a more enlightened understanding of the present. Emphasis will be placed on Western civilization in its world context; American life and culture in its European and English contexts.
The breadth of history and its inextricable interrelatedness with other disciplines provide many opportunities for double majoring and for an understanding of the liberal arts. The department is especially strong in cultural and intellectual history and the development of the major nation states in world perspectives. The ability to gather facts that pertain to a problem, to analyze this material and to present an argument cogently and succinctly is a valuable background for most professional careers. History majors tend to gravitate to law, education, library science, government service, business and the Church.
Within the minimum of nine history credits, the history major must include two credits from the courses numbered 10, 15, and 16, two courses in U.S. History and History 70. All majors must successfully complete the senior evaluation.

10 Introduction to History
15 History of Western Civilization to 1715
16 History of Western Civilization, 1715 to the Present
29 Afro-American History
30 Topics in United States History: Early Period
31 Topics in United States History: Later Period
34 American Social History of the Twentieth Century
35 Latin America from Independence to Recent Times
39 American Colonial History
40 United States History Since World War II
41 American Intellectual History: Ante-Bellum
42 American Intellectual History: Post Civil War
43 Far East in Modern Times
44 European Intellectual History of the 17th and 18th Centuries
46 European Intellectual History of the 19th and 20th Centuries
49 History of Modern Socialism
51 History of Modern France
52 History of Modern England

53 History of Modern Germany, 1862 to Present
54 Japanese History and Culture Through Film
55 History of World War II
57 Greece and the Hellenistic World ( $1 / 2$ )
59 From the Ancient Near East to Rome
61 Early Middle Ages
62 High Middle Ages
63 Renaissance and Reformation
65 Seminar in Historiography
66 Intensive Reading
67 Reading in Modern European History
Francis Kent Markus, Chairman
George S. McCowen, Jr., Professor
William E. Duvall, Assoc. Professor
Robert H. Lucas, Assoc. Professor
Carl Abbot, Instr. (part-time)
Jeffrey Barlow, Lecturer (part-time)
Barbara S. Mahoney, Instr. (part-time)
Darrell Milner, Instr. (part-time)
Roberta Till-Retz, Instr. (part-time)


The purpose of the Interdisciplinary Major in Humanities is to provide a broader major for those whose postgraduate plans do not include specialized study in Art, History of Philosophy, and to provide a broad liberal arts preparation for preministerial and other preprofessional students. This major involves an interdisciplinary approach to the study of the main intellectual and cultural motifs found throughout Western civilization.
The student shall choose an advisor from the Art, History, Philosophy, or Religion Departments. The student shall satisfy an interdepartmental committee by passing comprehensive written and oral examinations or an alternate program designed to ascertain competency in the subject areas and in ability to correlate them. The above committee shall consist of the student's advisor and a member, selected by the advisor, of each of the other departments. The Interdisciplinary major in Humanities consists of the following:

1. Art 43: Survey of Art History, Gothic to Modern and choice of one advanced course (e.g. Art 56), Modern European Art History, or Art 58: Twentieth Century Art (European and American).
2. History 15 and 16: History of Western Civilization I and Il and choice of one: 44: European Intellectual History of the 17th and 18th Centuries, or 45: American Intellectual History, or 46: European Intellectual History of the 19th and 20th Centuries.
3. Philosophy 15: Introduction to Philosophy and choice of one additional Philosophy course.
4. Religion 52: Biblical History and a choice of 55: History of Christianity through the Reformation, or 56: Christianity in the Modern Age.
5. Two credits in Literature (approved by the advisor) in addition to the Letters requirement.
6. Three additional credits in Humanities from Art, History, Philosophy, and/or Religion.

## nter-Area Studies



American Studies (see page 26)
International Studies (see page 54)
Environmental Science (see page 44)
Public Policy (see page 74)
Religious Studies (see page 78)
Inter-Area Studies serves as the curriculum home for several liberal arts majors which combine courses from several disciplines and for a variety of interdisciplinary courses and programs offered outside the departmental framework. The basic goal of these programs is to achieve an integrated perspective which students may apply to disciplinary course work, off-campus studies, and life/ career objectives. Several newly-developed interdisciplinary seminars which focus on the freshman and senior years are included within the Inter-Area designation.
10 Freshman Seminar:
Great Ideas of the Western World (2)
11 Freshman Seminar:

> Science and Society (2)

12 Freshman Seminar: Human Creativity: The Arts (2)
19 Minorities Seminar (1/2)
37 Intensive Spanish Conversation
38 History and Culture of Central America
39 Governments and Economy of Central America
50 Seminar in American Studies
60 Seminar in Environmental Science
78 Introduction to Management (1/2)
79 Alternative Futures Senior Seminar
81 Human Response to Change
82 Statistics for the Behavioral Sciences I, Descriptive ( $1 / 2$ )
83 Statistics for the Behavioral Sciences II, Inferential (1/2)
84 Independent Study

## nternational Studies



In this age of instant and effortless travel, opportunity for people to become aware of cultural diversity has become greatly increased. Many students have expressed a desire for knowledge of international matters and foreign culture from more points of view than literary involvement alone is able to provide. For these students the Program in International Studies with a specialization in British, French, German, Hispanic or Soviet area studies has been developed. It provides the student with a background in international politics and economics while increasing his/ her knowledge of the language, literature, history, art and philosophy of the area of his/her specialization.
Majors in International Studies, British, French, German, Hispanic, and Soviet Areas, will be expected to complete a senior evaluation in the following manner:
The student and his/her advisor will select a panel of four examiners from the International Studies Faculty (at least three different academic departments must be represented on the panel). In the language applicable to the International Studies Area, the student will present the thesis of the paper prepared for the Seminar in International Relations. The presentation will be followed, first, by questions from the panel in the language applicable to the Area, and then, by questions and discussion in English. The second period of questioning will range over the student's entire major Area. The presentation and questioning together will be limited to two hours.

All students majoring in International Studies take four core courses and six specialized courses in either British, French, German, Hispanic, or Soviet Area Studies. The four core courses are:

Poli 27, Introduction to International Politics
Poli 80, Seminar in International Relations
Econ 57, International Economics
(Prerequisite: Econ 15 Descriptive Economics)
Erth 31 Geography of Europe, Spring 1978

## British Area Studies

Engl24 Studies in 19th Century British Literature
Engl34 Studies in Modern British Literature
Intr 30 British Civilization
Poli 26 Comparative Political Ideologies
and one of the following:
Hist 46 European Intellectual History of the 19th and 20th Centuries
Phil 51 History of Philosophy: Modern
Engl41 The English Novel

## French Area Studies

Fren 47 History of French Civilization
Fren 48 History of French Thought
Fren 50 French Composition and Discussion
Hist 51 History of Modern France
Poli 26 Comparative Political Ideologies
and one of the following:
Hist 46 European Intellectual History of the 19th and 20th Centuries

## Fren 62 Eighteenth Century French Literature <br> Fren 65 Twentieth Century French Literature

## German Area Studies

Germ 47 German Civilization
Germ 54 History of German Thought
Germ 50 German Composition \& Discussion
Hist 53 History of Modern Germany
Poli 26 Comparative Political Ideologies
and one of the following:
Hist 46 European Intellectual History of the 19th and 20th Centuries
Art 43 Survey of Art History: Gothic to Modern
Phil 15 Philosophical Problems

## Hispanic Area Studies

Span 47 History of Spanish Civilization
Span 48 Hispanic American Civilization and Culture
Span 45 History of Hispanic Thought
Span 50 Spanish Composition and Discussion
Poli 29 Political Systems of Developing Areas
and one of the following:
Hist 46 European Intellectual History of the 19th and 20th Centuries
Art 43 Survey of Art History: Gothic to Modern
Soc 13 Introduction to Anthropology

## Soviet Area Studies

Russ 47 Russian Civilization and Culture
Russ 56 Russian Literature: Modernism and Revolution
Russ 50 Russian Composition and Discussion
Hist 55 History of Modern Russia
Poli 28 Soviet Political System
and one of the following:
Hist 46 European Intellectual History of the 19th and 20th Centuries
Econ 36 Comparative Economic Systems
Russ 58 Russian Literature, 1932-Present

Courses serve those who wish to make mathematics a part of a liberal education; those who desire a math background for other disciplines; and those who wish to major in mathematics. A major requires at least eight credits in courses numbered 20 or above and including Seminar in Mathematics.
The Seminar serves as senior evaluation and includes oral presentation of research and reading topics.
Mathematics majors use their training as a stepping stone to professional training or graduate work in a variety of fields.

12 Intermediate Algebra (1/2)
13 Trigonometry ( $1 / 2$ )
14 Survey of Mathematical Ideas
16 Pre-Calculus: Transcendental Functions
17 Elementary Statistics
18 Introduction to Finite Mathematics ( $1 / 2$ )
19 Elements of Calculus
20-21-22 Analytic Geometry and Calculus I, II, and III
31 Linear Algebra
41 Applied Mathematics: Optimization
45 The Historical Development of Mathematics ( $1 / 2$ )
51 Differential Equations
54 Modern Algebra
55 Advanced Calculus
57 Real Analysis I
60 Probability and Statistics
62 Numerical Analysis
72 Independent Research (1/2)
73 Advanced Independent Study (1/2)
75 Complex Variables
77 Topology
81 Seminar in Mathematics (1/2)
Richard Samuel Hall, Jr., Professor, Chairman
Richard Iltis, Professor
Jack H. Hafferkamp, Assoc. Professor
Stephen K. Prothero, Assoc. Professor Jumpei Sekino, Instructor (part-time)
Brenda R. Tomulty, Instructor (part-time)


The Music Program at Willamette has a dual function within the University. For the Music major it offers intensive professional training in the art coupled with a balanced background in the liberal arts, humanities and sciences. For the non-major it offers a broad study of music culture as well as the opportunity for participation in private lessons and performance in organizations of high quality.

## General Information

For Music majors the following degree programs are available:
The Bachelor of Music is a professional program for those students who are preparing for careers as performers, scholars, private teachers, music therapists, and as teachers at the college level. Majors are offered in Performance (voice, piano, organ, string, woodwind, brass and percussion instruments); in Theory, History and Literature; and in Music Therapy.
The Bachelor of Music Education is the basic professional program for students who plan to teach music at the elementary or secondary school level. This degree satisfies all requirements for teacher certification with the Basic Norm in Music for the State of Oregon. A limited teaching certificate, with vocal emphasis only, may also be obtained through the Bachelor of Arts in Music and Bachelor of Science in Music programs.
The Bachelor of Arts and Bachelor of Science in Music are culturally, rather than professionally, oriented programs designed for those students who wish to study the theory, history, literature and technique of music within the context of a broadly-based liberal arts education.

## Music Therapy

Willamette University is one of three schools on the West Coast which has an accredited music therapy program. The campus is near the many state institutions and other community agencies which can benefit from the services provided by music therapy students. These facilities include Oregon State Hospital, Fairview Home for the Developmentally Disabled, State Schools for the Blind and the Deaf, three correctional institutions, nursing homes, a community mental health day treatment center and many group homes. Beginning in the freshman year, students have an opportunity to gain field experience in many of these facilities. Music therapists work in a variety of clinical and educational facilities.
These include hospitals, community mental health centers, nursing homes, public schools, correctional agencies, medical schools and universities. Within these facilities, the skilled therapist may work with the physically handicapped (blind, deaf, cerebral palsied), emotionally disturbed, mentally retarded, elderly, socially disadvantaged and learning disabled.
Student training encompasses a four-year study of music within an accredited institution, with emphasis on psychology and sociology. Upon fulfillment of the academic requirement, the student completes a six-month clinical internship at a facility with an established music therapy program. Upon completion of this affiliation, the
intern is qualified to apply for registration with the National Association for Music Therapy.

## Admission, Scholarships and Financial Aid

Music students applying for admission are strongly encouraged to audition before members of the music faculty. If an applicant is unable to appear personally, a performance tape may be sent in lieu of the personal audition and interview. The audition and interview may be arranged for at one of the regional audition centers. For information write to the Music Department Chairman. A number of music scholarships as well as institutional financial aid, may be applied for by entering students. Student employment opportunities under the Federal Work-Study program also are available to Music students. These include accompanying, work in the Music Library and various secretarial and clerical jobs. Information regarding employment may be obtained from the Music Department Chairman or the Director of Student Financial Aid.

## Facilities

The music activities of the University are centered in the Fine Arts Building, which houses the Music Library, the Band, Orchestra and Choir rehearsal rooms, faculty studio-offices, 16 practice rooms, and the 1250 -seat G. Herbert Smith Auditorium.
The Music Library, located in the West Wing of the Fine Arts Building, contains a comprehensive and up-to-date collection of musical scores, books, microfilm and recordings. A collection of orchestra and band instruments are available on loan to music students.

## Concerts and Recitals

The Music Department presents a regular series of concerts and recitals by faculty and students, University ensembles and visiting guest artists. These are open to the public and music majors are required to attend. In addition, the Music Department sponsors a weekly student recital, the purpose of which is to provide students with the opportunity to play before an audience of their peers and for music students to experience the repertoire of the various media.
All music majors are encouraged to perform on these recitals and all performance majors are required to do so at least once each semester except for the first semester. Music students and faculty engage in extensive concert activities both on and off the campus. The major performing ensembles of the College tour regularly throughout the Northwest.

## Music Ensembles

Willamette music ensembles, which are open by audition
to all students in the University regardless of major, include:
Salem Symphony and Chamber Orchestra
University Choir University Wind Ensemble
Willamette Singers
Willamette Opera Theatre Chamber Music Ensembles University Jazz Ensemble Music majors are expected to participate in at least one large ensemble (orchestra, band, choir) each semester.

## Instrumental Proficiency Requirement for Music Majors

No later than the first semester of the senior year all candidates for music degrees (except Performance Majors) must demonstrate on some instrument, or in voice, a skill level equivalent to that normally expected after three or four years of private study, depending upon the degree sought. A minimum of one year of college-level study on that instrument must precede the satisfaction of this requirement.
The Instrumental Proficiency requirement is satisfied by an audition before a faculty jury. The repertoire for this audition must include at least one piece from each of the major periods, one of which must be memorized (for singers all pieces must be memorized).
Passing of this requirement is necessary for Advanced level-Music 56.
Applied individual instruction on some instrument, or in voice, must continue through all eight semesters, even after this requirement is satisfied (except for B.A., B.S. and B.M.Ed. candidates).

## Sophomore Evaluation

At the end of the sophomore year, all music majors are required to complete an oral Sophomore Evaluation, the purpose of which is to survey the student's first two years of work and to evaluate his/her competence to advance to the upperclass level in his/her particular major program. Prior to the Sophomore Evaluation, all sophomore music majors will take the required Foreign Language Music Terminology test. In addition to the above, all performance majors are required to have presented a half-recital prior to the Sophomore Evaluation.

## Senior Comprehensive Examinations and Senior Recitals

During the senior year, each music major must either satisfactorily complete a Senior Comprehensive Examination, a senior project, or present a Senior Recital, depending upon his or her major.
The Senior Recital consists of a full public concert including representative works from all major stylistic periods, preceded approximately ten days before by a preview performed before a faculty jury.
The Senior Comprehensive Examination consists of a written examination covering all areas of the students musical and professional training.
The various majors satisfy this requirement as follows: Performance majors-a Senior Recital; Theory, History and Literature majors-a Senior Recital or a Senior Comprehensive Examination; Music Therapy majors-a Senior project; Music Education majors-a Senior Comprehensive Examination; Bachelor of Arts in Music and Bachelor of Science in Music majors-a Senior Recital or a Senior Comprehensive Examination.

## Curricula

All music majors satisfy a set of basic music requirements, as well as an additional set of requirements specific to each degree program.

## Basic Music Requirements For All Music Programs

Fundamentals of Music (determined by placement exam) $1 / 2 \mathrm{Cr}$.
Keyboard Harmony and Ear Training I, II, III, IV
Music Theory I, II, III, IV
2 cr.
Introduction to Music Literature
2 cr.
Music History I and II
$1 / 2 \mathrm{cr}$.
Applied Instruction
2 cr .
Ensembles
$11 / 2 \mathrm{cr}$.
都
2 cr .
$10-101 / 2 \mathrm{crs}$

## Additional Requirements

B.M. in Performance (Instrument other than voice)

1 credit from: Style Analysis, Counterpoint
Music History Period Course
Applied Instruction
Senior Recital
B.M. in Performance (Voice)

1 credit from: Style Analysis, Counterpoint
Music History Period Course
Applied Instruction
Diction for Singers I and II
German and French (one year each)
Acting and/or Dance
Opera Theatre
Senior Recital

## Bachelor of Music Education

Basic Conducting
Secondary Applied Classes
Introduction to Teaching
The School, Teacher and Student
Public School Music Methods
(Elementary, Vocal, Instrumental)
Sociology 14 or 67
Psychological Foundations of Education
Principles of Teaching
Teaching of Reading
Supervised Teaching

| 1 | cr. |
| ---: | ---: |
| 1 | cr |
| $61 / 2 \mathrm{cr}$. |  |
| $1 / 2 \mathrm{cr}$. |  |
| 9 | crs. |
| 1 | cr. |
| 1 | cr |
| $61 / 2 \mathrm{cr}$ |  |
| 1 | cr |
| $2-4$ | cr |
| 1 | cr |
| 1 | cr |
| $11 / 2 \mathrm{cr}$ |  |
| $14-16$ | crs. |

$1 / 2 \mathrm{cr}$.
$11 / 2 \mathrm{cr}$.
$1 / 2 \mathrm{cr}$.
$1 / 2 \mathrm{cr}$.
$1 / 2 \mathrm{cr}$.
$11 / 2 \mathrm{cr}$.
1 cr.
1 cr .
1 cr
$1 / 2 \mathrm{cr}$.
$11 / 2 \mathrm{cr}$

## B.M. in Music Therapy

Basic Conducting
Orchestration
Secondary Applied Classes
Applied Instruction
Psychology
Sociology
Physiology or Anatomy
Intro. to Music Therapy
Recreational Music
Therapy Orientation
Music in Therapy
Influence of Music on Behavior
$91 / 2$ crs.
$1 / 2 \mathrm{cr}$.
1 cr.
$21 / 2 \mathrm{cr}$
$2^{1 / 2} \mathrm{cr}$
5 cr.
2 cr
1 cr
$1 / 2 \mathrm{Cr}$.
$1 / 2 \mathrm{cr}$.
$1 / 2 \mathrm{cr}$
$1 / 2 \mathrm{cr}$.
Psychology of Music
Functional Therapy Techniques
Music Therapy Practicum
$1 / 2 \mathrm{Cr}$.
1 cr .
$1 / 2 \mathrm{Cr}$.
$13 / 4 \mathrm{cr}$

# B.M. in Music Theory, History and Literature 

Style Analysis 1
Counterpoint 1
Music History Period Courses
Applied Instruction
German or French

## B.A. or B.S. in Music

1 credit from: Style Analysis, Counterpoint
Music History Period Course
Foreign Language (for B.A. only)

In addition, the University undergraduate English Proficiency requirement must be satisfied.
Music majors who are candidates for Bachelor of Arts or Bachelor of Science degrees should see the catalog section concerning the requirements and guidelines for the Bachelor of Arts and Bachelor of Science degrees. See page 22.

## Theory and Musicanship

10 Fundamentals of Music (1/2)
11 Theory A (1/2)
12 Ear Training I (1/2)
21 Theory B ( $1 / 2$ )
22 Ear Training II (1/2)
31 Theory C ( $1 / 2$ )
32 Ear Training III ( $1 / 2$ )
39 Basic Conducting ( $1 / 2$ )
41 Theory D (1/2)
42 Ear Training IV ( $1 / 2$ )
52 and 62 Counterpoint I and II ( $1 / 2$ )
60 Style and Analysis I ( $1 / 2$ )
61 Style and Analysis II (1/2)
11 Keyboard Harmony and Ear Training I (1/2)
21 Keyboard Harmony and Ear Training II (1/2)
31 Keyboard Harmony and Ear Training III (1/2)
41 Keyboard Harmony and Ear Training IV ( $1 / 2$ )
42 Music Theory III (1/2)
82 Orchestration and Band Arranging

## Music History and Literature

17 Introduction to Music Literature (1/2)
18 The Art of Listening to Music ( $1 / 2$ )
51 Music of the Baroque Era
53 The Music of Beethoven
57 Music History: 500 to 1600
58 Aesthetic Evolution of Opera (Baroque and Classic)
67 Music History: 1600 to Present
68 Aesthetic Evolution of Opera (Romantic \& Contemporary)
70 The History and Appreciation of Jazz Music ( $1 / 2$ )
77 Emergence and Development of Piano Chamber Music
78 Music Literature of the Romantic Era
80 Introduction to Contemporary Music

## Applied Music

14 Keyboard Skills I (1/4)
16 Applied Instrumental and Vocal Instruction I ( $1 / 2-1$ )
20 Beginning Group Piano for Liberal Arts Majors I (1/4)
24 Keyboard Skills II (1/4)
25 Brass Class ( $1 / 2$ )
26 Percussion Class ( $1 / 2$ )
27 String Class (1/2)
28 Voice Class (1/2)
29 Woodwind Class (1/2)
30 Beginning Group Piano for Liberal Arts majors II (1/4)
33 Class Guitar ( $1 / 1 / 4$ )
34 Keyboard Skills III (1/4)


The Willamette University Off-Campus Study Programs for 1978-79 include the following:
Environmental Field Studies during the summer of 1978 for 25 students consisted of a three-week tour of natural sites and examples of various land uses throughout the state of Oregon. During the summer of 1977, Environmental Studies included a group of Willamette students and two faculty members who studied the geology and flora and fauna of the Island of Maui in the state of Hawaii for the third year.
Willamette Semester in Central America. During the spring semester of 1979, Willamette will sponsor its third study program to Central America where a group of 30 students will study the governments, economics, history, culture and language of Central America. The semester includes a 10-week study session at the Centro Cultural Costarricense-Norteamericano in San Jose, Costa Rica, followed by a 4-week field trip through the other Central American countries.
Willamette Semester in Japan. For fifteen years Willamette University has enjoyed a sister college relationship with the International College of Commerce and Economics (ICC) in Kawagoe, Japan, a city approximately 35 miles north of Tokyo. Every other fall semester 25 to 30 Willamette students study Japanese language, history, culture and politics at ICC and during the following spring semester 25 to 30 Japanese students come from our sister institution to study the American democratic system, American culture and heritage, and the English language. During alternate summers over 125 ICC students visit the Willamette campus for an intensive three-week program in English composition, conversation, culture and politics. Our next semester in Japan is scheduled for fall, 1979, and in the spring of 1979 the Japanese students will be visiting our campus.
Semester in London. Willamette University is a member of a consortium of six liberal arts colleges in the Northwest whose purpose is to develop overseas programs of mutual interest. Approximately 50 students ( 14 from Willamette University) will spend the Fall Semester in London, England. This program is planned to be expanded to every semester beginning in 1979-80.

Year of Study in Munich. Willamette students will join students from two other universities for a year's study at the University of Munich, Germany, for 1978-1979 school year. The program, taught in the German language, is administered by a consortium of the three schools. This is an ongoing program for upperclass students with strong German language backgrounds. Students for 1978-79 have been selected.
Washington Semester. Willamette University participates in the Washington Semester program sponsored by the American University in Washington, D.C. Under this plan two students are chosen to study in Washington D.C. for one semester during their junior year. The academic work in Washington, D.C. is directed by the American University faculty. The students are registered at Willamette and pay American University tuition. The students selected are expected to pay all expenses incidental to this experience. Recommendations are made during the sophomore year to the Dean of Liberal Arts.

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## hilosophy



Philosophy at Willamette is primarily a disciplined study of philosophical problems that include some that are crucial for contemporary culture. Proficiency in reasoning is stressed. Each of the three faculty members offers a unique approach to the discipline. The department offers both academic and practical study in philosophy. Majors must satisfactorily complete Philosophical Problems (15), Philosophical Ethics (25), the History of Philosophy sequence of three courses (50-52), one seminar in the Philosophy Department and Symbolic Logic (65). Senior evaluation includes the Graduate Record Examination and orals and comprehensive written exams if GRE results are unsatisfactory. The Philosophy major provides exceptional preparation for any professional school stressing a liberal arts background. Most majors continue in graduate study in philosophy, enter law school or seminary. Teaching in the field is limited to those having an unusual aptitude.
9 Freshman Seminar in Philosophy
10 The Philosophy of Self
14 Practical Logic
15 Philosophical Problems
10 The Philosophy of Self
14 Practical Logic
15 Philosophical Problems
25 Philosophical Ethics
50 History of Philosophy: Ancient and Medieval
51 History of Philosophy: Modern
52 History of Philosophy: Recent
61 Philosophy of Religion
65 Symbolic Logic
70-73 Seminar I-IV
Thomas B. Talbott, Associate Professor, Chairman
Jerry W. Canning, Professor
Milton D. Hunnex, Professor

## hysical Education



The aim of the department is to promote those activities which stimulate habits of regular exercise and develop interests and skills which may be enjoyed throughout life. Professional preparation is offered on three tracks: PE for teaching, Pre-Therapy, and Recreation Norm. The teacher preparation meets the State of Oregon certification requirements and includes the following courses: Biology 10, 22, 32; Psychology 10; Education 25, 35, 45, 55, 74, and 86 ; PE 24, 26, 35, 51,55,56,57, 58 and six labs from 70-77. The Pre-Therapy major requires Biology 10, 12, 32, 33; Psychology 10; Physics 11 and 12; Chemistry 24 and 31; Math 12, 13; PE 24, 26, 55, 56, 57, 58 and four labs from 70-77. The Recreation Norm requires Biology 10, 32, 33 ; Psychology 10, 30 or 51 ; Education 25; Sociology 11, 14 or 67, 20, 50; Music 48, 71; Art 11, 21, 36; PE 26, 35, 51, $55,56,57,58$ and six labs from 70-77. Intern opportunities are being developed for majors to gain vocational experience in agencies within the geographical area. Senior evaluation includes the undergraduate assessment examination in Physical Education. An oral examination is required if the score is below the 50th percentile. Graduates in Physical Education find careers in public and private teaching and coaching recreation programs, and in physical therapy following graduate study.

Physical Education Activities (1/4) Archery, badminton, baseball, basketball, boxing, canoeing, cycling, cross country, folk dance, fencing, football, field hockey, fitness, golf, gymnastics, handball, life saving, racquetball, scuba, soccer, springboard diving, square dance, swimming, softball, team sports, tennis, track and field, volleyball, weight training, and wrestling.
24 General Hygiene
26 Care and Prevention of Injuries
35 History and Principles of Physical Education
51 Organization and Administration of Physical Education
55 Physiology of Exercise ( $1 / 2$ )
56 Tests and Measurements in Physical Education (1/2)
57 Kinesiology ( $1 / 2$ )
58 Special Physical Education (1/2)
70-77 Physical Education Activity Lab ( $1 / 4$ or $1 / 2$ )
Charles Bowles, Professor, Chairman
Fran A. Howard, Assoc. Professor
K. James Boutin, Asst. Professor

James P. Brik, Asst. Professor
Linda Andrews Garrett, Asst. Professor
Tommy Lee, Asst. Professor
Vern W. Petrick, Asst. Professor
William G. Trenbeath, Asst. Professor
J. Jean Williams, Asst. Professor


Department courses are designed to provide understanding of physics at the level conventionally expected of undergraduate education in order that graduates may enter into and succeed at postgraduate education; to provide an undergraduate research program involving all seniors planning graduate work; to prepare students to teach in secondary schools; and to provide the necessary background in physics to students seeking engineering degrees under the 3-2 and 4-2 programs.
Major requirements are divided into three categories depending on the students aspirations: 1) preparation for graduate study in physics, 2) preparation for careers or additional study in applied physics and engineering, and 3) preparation for secondary school teaching or other applications. All physics majors must take at least 8 credits in physics, mathematics through differential equations, and a computer science course. It is expected that all majors will have had the equivalent of the following basic courses: Introductory Physics I and II, Modern Physics, Mechanics, and Thermal Physics. Students opting for graduate study in physics should also take Wave Phenomena, Electricity and Magnetism, and Quantum Mechanics plus other physics courses as desired. Students opting for the applied emphasis should take Wave Phenomena, Electricity and Magnetism, and at least one more physics course beyond the basic five. Students in the third option need earn only three credits in the various physics courses in addition to the basic five listed. Students in their junior and senior years may work as laboratory assistants and help on research projects in atomic, molecular, and nuclear physics; optics; or electronics. Some projects have been published in such national journals as "Physical Review," "American Journal of Physics," "Review of Scientific Instruments" and "Journal of Chemical Physics." Most physics students planning on graduate work take the Graduate Record Exam (GRE) in their senior year. Physics serves as a basis for nearly all engineering: mechanical, electrical, optical, nuclear, aeronautical civil and electronics; physics-based environmental work and any energy related field.

Recent physics graduates have gone into such fields as teaching, government and industrial laboratories, astronomy, bio-physics, chemical physics, geophysics, oceanography, computer science, mathematical physics, engineering, medicine, radiation and health physics, medical electronics, law (patent attorney) and administration.

## 10 Astronomy

16 Contemporary Physics
17 Light and Color
18 Photography
21 Introductory Physics I
22 Introductory Physics II
31 Modern Physics
32 Thermal Physics
35 Mechanics
41 Wave Phenomena
45 Electromagnetism
51 Electronics
52 Nuclear and Particle Physics
53 Solid State Physics
54 Atomic and Molecular Physics
65 Quantum Mechanics
70 Independent Study
Daniel Montague, Assoc. Professor, Chairman
Robert L. Purbrick, Professor
Maurice B. Stewart, Professor

## olitical Science



Political Science courses are designed to give students opportunities to develop both a practical and a theoretical understanding of the political world in which we live. The student is encouraged to develop the rational skills which will provide better understanding of political phenomena and, when qualified, to participate in governmental and political processes through internships in state and local government. Majors find basic career opportunities in law, politics, public adminstration, planning, journalism, teaching, social services, and business.
A Political Science major consists of eight credits plus an introductory course in Economics. Two of these eight credits must be Principles of Politics and American Politics. A minimum of four of the eight credits required for the major must be completed at Willamette. Although there are no formal evaluation procedures before graduation, qualified students, with the approval of the department, may write an original essay for consideration for "Graduation with Honors in Political Science."

8 Model United Nations (1⁄4)
11 Principles of Political Science
13 American Politics
25 Political Systems of Western Europe
27 Introduction to International Politics: Games Nations Play
28 Soviet Political System
29 Political Systems of Developing Areas
41 Urban Politics
43 Managing Organizations
44 Politics, Economics and Planning
49 Urban Planning
61 American Foreign Policy
65 Constitutional Law
66 Constitutional Law-Civil Rights
68 Crisis Politics and Policy
69 Seminar in Political Theory
70 Seminar in Systematic Political Analysis
71 Research Seminar
73 State Government Internship
80 Seminar in International Relations
82 International Organizations
720-3 Major Program Internship
730-3 Professional Internships
Edwin J. Stillings, Professor, Chairman
Theodore L. Shay, Professor
Kenneth R. Smith, Professor
Susan M. Leeson, Assoc. Professor
Cari Shay, Instructor
Curtis Strong, Diplomat in Residence (part-time)


The primary goal of the Psychology Department is to provide a rich diversity of learning experiences that is responsive to the special needs, interests, and talents of individual students. The emphasis on a variety of quality opportunities is reflected in our individual class offerings, our alternative programs for the Psychology major, and especially in the unlimited field research and internship opportunities in the many government agencies located in Salem.
With regard to the last, Willamette's Psychology Department has access to an unparalleled real-world laboratory that includes experimental learning at the Blind School, Deaf School, Mental Hospital, Fairview Hospital and Training School (school for the mentally retarded), State Penitentiary, and innumerable public and private human service organizations. Traditionally comparable practicum and internship programs are only available in the graduate level. These opportunities exist throughout the Psychology major's undergraduate career and culminate in a major internship or the equivalent in the fall of the senior year. These experiences have led to journal publications and employment. Furthermore, these opportunities along with the academic program help the student to be a strong candidate for graduate school.
Responsiveness to the student's special need is an integral part of the department's curriculum. Beyond the two required courses, General Experimental Psychology and Statistics for the Behavioral Sciences (I and II), four alternative programs are available: non-professional, paraprofessional, double major, and preprofessional. Within each of these alternate routes, specific course selection is available through an individual contractual arrangement with the student's departmental advisor.
Program diversity also is manifested within the course offerings which span the applied areas (Behavior Modification, Clinical and Abnormal Psychology, and Industrial Psychology Counseling), the theoretical (Psychology of Personality, and learning), and the laboratory courses (Physiological Psychology, Psychology of Perception, and Social Psychology). In addition to the course offerings themselves, the department is fortunate to have ample laboratory space and equipment, including elaborate apparatus in animal research, electrophysiological measurement, and sensory psychology. The computer terminal and mini-computer residing in the department allow ready access for data analysis of class and individual research projects.
Finally, the diversity of the department and its real-world interactive capability are apparent in the backgrounds and current involvements of its individual faculty members. Specialty academic preparation covers the spectrum from clinical/counseling and social/ developmental through physiological and experimental/research design. Members of the department consult in the fields of vocational rehabilitation, individual and group counseling, and traffic safety.
These activities indirectly provide the mechanisms for maintaining lines of communication with the agencies and institutions that provide the broad experiential learning
opportunities that contribute in a major way to the uniqueness and strength of the Psychology Department at Willamette University.

10 Introduction to Psychology
20 Social Psychology
25 General Experimental Psychology
30 Developmental Psychology
31 Principle and Technique of Behavior Modification
40 Personnel and Industrial Psychology
50 Psychology of Personality
51 Clinical and Abnormal Psychology
52 Comparative Psychology
53 Psychology Research and Statistical Methods
54 Psychology Practicum
55 Clinical Measurements I
57-58 Seminar in Special Topics: The Therapeutic Community I \& II
59 Thesis
60 Psychology of Perception
61 Psychological Adjustment to Society/Culture
64 Exceptional Children
65 Techniques of Counseling
71 Psychology of Learning I
80 Physiological Psychology
Noel F. Kaestner, Professor, Chairman
Charles H. Derthick, Professor
William J. Devery, Assoc. Professor
Loren K. McBride, Asst. Professor
N. Jetmalani, Lecturer (part-time)

Richard Schwartz, Lecturer
Richard Yocom, Lecturer

## ublic Policy



The Public Policy major gives a dynamic thrust to the traditional notion of liberal arts education by giving qualified students opportunities in research and intern experiences as supplements to their interdisciplinary classroom education. Classroom activities emphasize research and writing skills in addition to developing an understanding of the political, economic, legal and managerial factors involved in governing municipalities, regions and the state. Research projects and internships take advantage of Willamette's location across the street from the state capitol and its close ties with the City of Salem.
All students majoring in Public Policy take the following courses:
Poli 13 American Politics
Econ 18 Principles of Economics
Econ31 Regional Economics and the Economy of Oregon
Econ 33 Economics and Politics of State and Local Budgeting
Poli 41 Urban Politics
Poli 43 Managing Organizations
Poli 44 Politics, Economics, and Planning
Poli 49 Urban Planning
Erth 10 Physical Geology
Intr 43 Statistics for Behavioral Sciences (1/2)
Intr 60 Public Policy Seminar
Two additional credits chosen by the student in consultation with his/her advisor. In addition to the requirements of the major, the student, in consultation with his/her academic advisor, is expected to integrate relevant courses from other disciplines into his/her program.


Courses in Religion are designed to enrich the students' education by presenting an opportunity to investigate this important aspect of human life and culture in an objective manner, utilizing standard disciplines of academic learning. The Religion curriculum is designed to relate the phenomenon of religion to the totality of human existence. In our liberal arts context this means raising the consciousness of potentially every student to the pervasive and often hidden influence of religious ideas and value commitments in his or her personal life and cultural heritage. It also means fostering and developing those critical and reflective habits of mind which enable a person to deal with religious phenomena in a mature, intelligent, informed, sensitive, responsible, personally satisfying and fulfilling way.
The departmental curriculum provides part of the core course requirements for the interdisciplinary major in Religious Studies.
48 Reading and Conference ( $1 / 2$ )
50 World Religions
55 History of Christianity
58 Religion and Science
59 Religion in America
60 Asian Religions
62 Jesus in History and Gospel
64 Christian Ethics
65 C.S. Lewis: Life and Thought
67 Religion and Nationalism in America
71 Biblical Literature, History, and Thought
77 Apocalyptic Literature
78 Bonhoeffer: Life \& Thought
79 Modern Jewish Thought: Elie Wiesel and Martin Buber
80 Independent Study
85 Senior Colloquim
James A. Hand, Professor, Chairman
Bernard F. Batto, Asst. Professor
Philip S. Hanni, Asst. Professor, Chaplain


Religious Studies offers an interdisciplinary major program drawing upon all those courses in the undergraduate curriculum that reflect the religious dimension of life directly or indirectly.
The requirements of the program are described as the satisfaction of certain basic areas rather than a specified array of particular courses. Those areas are as follows:

1. Grounding in biblical literature and history ( 2 credits); 2. A rudimentary acquaintance with philosophical thinking (2 credits; Phil 15, Philosophical Problems, and one advanced course.);
2. Acquaintance with the historical development of doctrine ( 1 credit);
3. The experience of reflecting on religious phenomena from outside a specifically Christian perspective (1 credit); and
4. An ability to trace the inter-relations of religion culture ( 1 credit).
5. In addition the student is required to specialize in an individually tailored area of focus or of concentration (3 credits).
6. Upon declaring the major the student must register for a Reading and Conference course ( $1 / 2$ credit) which is aimed at providing an overview of the field and of the sub-divisions and methods of the study of religious phenomena.
7. The program is capped with required participation in the Senior Colloquium (1 credit) in which the student can demonstrate competence in analysis and maturity of judgment with respect to an issue of current universitywide interest. The Senior Evaluation will be in conjunction with this effort.
For the current list of approved course offerings embraced in the program see the Chairman or any member of the Executive Committee: Bernard F. Batto (Religion), Gerard Bowers (English), James A. Hand (Religion, Chairman), Philip S. Hanni (Religion), and Milton D. Hunnex (Philosophy).

The program in Sociology-Anthropology is designed to be an invaluable component of every student's liberal education. The basic aims of the department are (1) to provide analytical perspectives for the systematic understanding of man's social and cultural existence in a rapidly changing world; (2) to provide a useful background for students preparing to enter into occupational areas such as law, advertising, personnel work, business and public relations, social work, recreation, the ministry, government, and primary and secondary education; and (3) to provide sociology majors with a sound knowledge of sociological theories, analytical models, research methods, and specialized areas in the discipline in preparation for graduate study leading to professional teaching, research, or adminstrative careers in sociology or closely related fields.
A Sociology major requires a minimum of eight credits within the department. The following departmental courses are required: Principles of Sociology (Soc 11), Introduction to Sociological Theory (Soc 70), Methods in Social Research (Soc 42), and the Senior Seminar in Sociology (Soc 75). In non-departmental courses, Sociology majors are required to take a university-level statistics course, such as the Interdepartmental Behavioral Statistics sequence. In addition, a major must have an approved course in each of at least three of these related social sciences; Economics, Political Science, History, and Geography.
The suggested sequence for a sociology major is as follows:

## Freshman and Sophomore years:

1. Soc 11
2. At least one credit from among these courses: Soc 20,

Soc 21, Soc 22, Soc 23, Soc 24, Soc 36, Soc 39, Soc 43, Soc 50
3. a statistics course.

By the end of the junior year, both Soc 70 (theory) and Methods (Soc 42) should be completed. After Soc 70 and 42, the major should take at least one credit from among these courses: Soc 47, Soc 58, Soc 66, Soc 68, Soc 73 . During the senior year, it is desirable that the major become involved in either a research study or an internship experience (applied sociology, which includes a wide array of possibilities, including research-analytical experience). Beginning with the 1979-80 academic year, the Internship course will be offered in the fall and the Senior Seminar in the spring term.
There is a healthy range in teaching-research specialties and in teaching techniques and philosophies among the sociology faculty. However, there also is solid agreement concerning the basic objectives with the course offerings constituting a strong coverage of the basic academic areas within the discipline. The core program for the sociology major is an analytical-research methods, concepts, theoretical frameworks, and other procedures for obtaining and analyzing information. Then, during the senior year, there may be opportunities in applied sociology (Analytical application of the principles that have been
acquired). Advanced senior major students are eligible for independent programs of research, supervised field analysis (internships) or reading and conference (in-Depth examination of a topic which was only touched on in a course, or for exploring an area which is not covered by an existing course).
Career opportunities in sociology are endless but the most popular are teaching (high school and college), various kinds of research work and the analysis of data, including research survey administration and branches of government divisions and agencies.
However, career pay-offs are not the only reason for studying sociology. Its subject matter holds considerable interest for its own sake. Certainly, sociology offers valuable preparation for other sorts of careers. Sociology is a popular major for students planning futures in such professions as architecture, business, law, and even medicine-as well as public administration, politics, and social work. Sociology provides a rich fund of knowledge directly concerning each of these fields. Sociology also provides many distinctive ways of looking at the world so as to generate new ideas and assess the old. Finally, sociology offers a range of research and analytical techniques which can be applied in many specific areaswhether one's concern is with client satisfaction in a business firm, the provision of medical care, crime and criminal justice. etc. Sociology offers something for everyone.
11 Principles of Sociology
13 Introduction to Anthropology
14 Ethnic and Cultural Relations
20 The Family
21 Sport and American Life ( $1 / 2$ )
22 The American West: Its Character, History and Social Patterns ( $1 / 2$ )
23 Sex Roles in Society
24 Amerindians of North America
36 Populations and Environment
39 American Society
42 Methods in Social Research
43 The Individual in Society: Social Psychology
47 The Aged in Society
48 American Popular Culture
50 Crime and Delinquency
58 The Urban Community
64 Internship in Social Science
66 Sociology of Religion
67 Social Stratification
68 Social Change
69 Comparative World Ethnography
70 Introduction to Sociological Theory
73 Organizations: Structure and Process
75 Seminar: Fields of Sociology
80 Research and Independent Study

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A major in speech is intended to improve the communicative skills of the student; to gain a richer appreciation of the ethics, essential challenges and possibilities of giving effectiveness to the truth in human problem-solving; and to offer classroom experience in the composition and presentation of speeches to inform, convince and actuate the audience.
Speech majors are required to take Speech $10,40,50,60$; Philosophy 14 or 65; English 61; plus any two of the following: English 21, 22, 36, 37, 38, 39; Theatre 11, 17. Speech 1 is recommended, not required. There are no requirements for off-campus speaking but occasionally a student will receive such an invitation. A research paper on a significant contemporary speaker is called for in the advanced course (Speech 60). Speech majors must take a comprehensive written examination followed by an oral examination before graduation. Students have the opportunity to supplement speech theory with work in forensics (not required) which calls for participation with students from numerous other colleges in tournaments throughout the West. Today's students characteristically demand "part of the action" and get just that in a speech class with opportunities to address other students several times each semester on topics of their choosing. They may also direct panels, dialogues, symposia and group discussions with emphasis on collective problem-solving in topic areas selected by the participants.
Basic career opportunities include business (personnel work, sales, advertising), and the professions (with appropriate graduate work-teaching, law, architecture, the ministry, social work).

1 Speech (Contest Forensics) (1/4)
10 Public Speaking
40 Mass Media and Society
50 Discussion, Argumentation and Conference Speaking
60 Rhetoric and American Eloquence
Howard W. Runkel, Professor, Chairman
William E. Hensley, Instructor (part-time)
John E. Rodgers, Asst. in Forensics (part-time)


The Theatre Department has several specific objectives: The preparation of students for professional theatre positions, the exploration of alternative forms of theatre performance, the study of theatre history and theatre literature, the integration of theatre into the liberal arts arena and the introduction of all liberal arts students to the aesthetic process of dramatic presentation.
The Department believes that the study of theatre is central to the liberal arts orientation at Willamette. All students should have an understanding of theatre as it reflects man and society. The topics of theatre study should be the pertinent topics of life: moral issues, political and ethical questions, topics important to the growth and development of a society.
Career opportunities in theatre are changing as the theatre profession moves away from the escapist drama generated in New York in the mid-fifties. Today theatre is moving moving back to the local communities with career opportunities in resident repertory companies, touring companies, and children's/community theatre. Theatre education is now becoming a more viable alternative to individuals not interested in theatre performance. Many students interested in careers in social services are finding theatre a viable major as they attempt to find new ways to deal with mental illness, the handicapped and the institutionalized.

## The Degree Requirements:

The Department of Theatre offers two degrees through the University, The Bachelor of Theatre and the Bachelor of Arts or Science in Theatre.
The Bachelor of Theatre program is professionally oriented and designed for those students who seek performance careers in theatre. The student in the Bachelor of Theatre degree is expected to have strong talent in one of the performance aspects of theatre, as well as a professional attitude and discipline. The Bachelor of Theatre candidate will be approved to enter the degree program after a sophomore evaluation by the faculty, at which time specific curricular requirements will be established. Generally, the Bachelor of Theatre student will take approximately half of his/her prescribed courses in theatre and half in related liberal arts classes. To the Bachelor of Theatre student a fifth year internship is available in which the faculty places the student in a professional environment for one to two semesters to gain useful apprentice experience.
The Bachelor of Arts and Science in Theatre is designed for those students wishing to enter professions related to teacher education, humanistic studies, scholarship and communications and social studies related occupations. A student electing to develop a B.A. or B.S. major in theatre must pass a sophomore evaluation and take approximately one third of their university credits from prescribed courses within the department, a third of the courses would be in related areas and a third in liberal arts courses not directly related to theatre activities.

All students graduating in Theatre will participate in a senior evaluation by the faculty in which specific career and goal objectives are investigated. The Department of Theatre supports liberal arts orientation and believes that interdisciplinary courses and integration of knowledge must be a significant part of any theatre student's training. The Department believes that close student teacher relationships throughout the academic career as well as after graduation are highly important to the growth of the individual student artist. The Department also believes that it is important for the student to be exposed to as many professional performances from as many diverse philosophies as possible. Finally, the Department believes that every student must have constant exposure to the challenges of theatre performance and should, each year, serve in a variety of different performance experiences.
10 Theatre Practicum ( $1 / 4 / 1 / 2)$
11 Acting 1
13 Fundamentals of Creative Dance ( $1 / 2$ )
14 Technical Theatre (1/2)
15 Drafting and Sketching ( $1 / 2$ )
16 Stage Make-Up (1/2)
17 Modern Drama
18 Introduction to Theatre
19 Theatrical Theory I
20 Theatrical Theory II
21 Acting II
22 Voice Training (1/2)
23 Directing I (1/2)
24 Fundamentals of Design
25 Theatre Arts I
27 Theatre Literature
28 Theatre History I
29 Theatre History II
31 Acting-Production Studio I
32 Acting-Production Studio II
33 Directing II
34 Theatre Arts II
38 American Theatre History
39 British Theatre History
40 Theatre Management
41 Acting-Production Studio II
42 Acting-Production Studio IV
48 Special Studies in Theatre ( $1 / 2-1$ )
Robert Peffers, Assoc. Professor, Chairman
D. Scott Glasser, Asst. Professor

Douglas L. Paterson, Asst. Professor
Wayne Muller, Visiting Asst. Professor
Holly Hamblen, Instructor (part-time)


The College of Liberal Arts provides a variety of opportunities for students to undertake studies in courses and programs of an interdisciplinary non-major nature.

## Interdisciplinary Freshman Program

Beginning in spring 1976, with a program entitled, "Quality of Life," the College has steadily evolved an interdisciplinary general education program for freshman students. The 1978-79 program includes three interdisciplinary freshman seminars: 10 Great Ideas of the Western World, 11 Science and Society, and 12 Human Creativity: The Arts.
Offered both semesters for two Willamette credits each, these courses are staffed by faculty from a number of Humanities, Science, Social Science, and Fine Arts disciplines.
The seminar goals are to explore questions on enduring values of human civilization, to expose students to great works of philosophy, art, literature, and culture, and to attain competency in basic human skills of reading, writing, calculating, and reasoning. Each seminar provides an opportunity for students to complete the English Proficiency requirement.
Nearly two-thirds of the 1978-79 freshman class had the opportunity to enroll in a seminar. An expanded program is under consideration for the 1979-80 academic year.

## Minority Studies

An emerging study opportunity at Willamette is the College's growing number of courses which focus upon subject matter and issues related to the experiences of minority peoples in American society. These courses are designed both to address the liberal education needs of all Willamette students and to respond to interests of the University's increasing minority student population. The following are several such courses which are being offered during 1978-79: Intr 19 Minorities Seminar, Eng 29 Black Literature, Hist 29 Afro-American History, Soc 14 Ethnic and Cultural Relations, and Soc 24 Amerindians of North America.

## Senior Year Studies

Cognizant that academic experiences for seniors which integrate and apply four years of study are equally important as meeting the general education needs of freshmen, the College developed two interdisciplinary senior seminars during 1977-78, and expanded internship and other off-campus study opportunities for seniors. The two seminars (Intr 79, Alternative Futures Senior Seminar, and Intr 81, Human Response to Change) provide settings for synthesis of previous learning and investigation of topics of particular student interest. Both courses have the analysis of human adaptation to possible future realities as a central study theme.
Other similar integrative courses are being planned for possible adoption during the 1978-79 and 1979-80 academic years.

## ombined Degree Programs



Willamette University has developed several combined degree programs within its colleges and among other universities.

## Combined Degree Program in Liberal Arts and Administration

Although undergraduate degrees in Business and Public Administration are not offered, the College of Liberal Arts cooperates with the Atkinson Graduate School of Administration in offering a 3-2 Program, through which a student can earn in five, rather than the usual six, a Bachelor's degree in an undergraduate major and a Master of Adminstration degree.
Under the 3-2 Program, students study for three years in the College of Liberal Arts, earning at least 24 credits and completing most (in some cases, all) of their required courses for their major during that time. The actual number of required courses a given student needs to complete during the first three years will be determined by that student and his/her major department or program. In order to receive the baccalaureate degree upon completion of the first year of study in the Graduate School of Administration, students in this program must have satisfied the College of Liberal Arts graduation requirements and guidelines.
Early in the junior year, qualified students may apply for admission to the Geo. H. Atkinson Graduate School of Administration. Satisfactory completion of the first year of the GSA Program should result in the completion of all requirements for the undergraduate degree in the student's major as delineated above. The students are then ready to complete the second, and final, year of the twoyear Program and receive the Master of Administration degree.

## Admissions Requirements

Application for admission to the M.Ad. part of the 3-2 Program is made during the first semester of the junior year. Applications are considered on an individual basis by the School's Admissions Committee. Generally, a student will be considered qualified for admission if he or she: 1. has the written consent of the undergraduate department or program concerned, 2. has maintained normal progress during the first four semesters of undergraduate residence and accumulated a B average or better, 3. scores 550 or above on the Graduate Management Admissions Test, which should be taken by February of the junior year, 4. has demonstrated effective communication abilities in writing and speaking, 5. has, or will obtain, sufficient background in mathematics to succeed in courses required for the M.Ad. degree (normally up to, and often including, the first course in calculus), 6. has completed introductory courses in economics, political science, and either psychology or sociology. Transfer students may apply for admission to the 3-2 Program after completing three years of study at another institution if their undergraduate school will accept the first year of M.Ad. Program as completing the requirements for the Bachelor's Degree. Other admission requirements are the same as those previously listed.

## Engineering

To offer the advantages of a combined liberal arts and engineering program, Willamette University has arrangements with Columbia and Stanford universities, whereby a student may receive both a Bachelor of Arts and an engineering degree in five years. A six-year combined program results in a Bachelor of arts degree and a Master's degree in engineering.
After three years in residence at Willamette during which time the student satisfies most requirements for his/her Bachelor of Arts degree and takes prescribed courses in chemistry, physics, and mathematics, he/she may qualify for transfer to Coniversity or Stanford University. At either of these engineering schools, the student spends two years in any one of the several curricula in engineering; at the close of the five year period, he/she will receive the Bachelor of Science in engineering from the engineering school and the Bachelor of Arts degree from Willamette University. Another arrangement is possible with the engineering school of Columbia University on a four-two basis. Under this plan a student completes his/her bachelors degree with a major in chemistry, physics, or mathematics at Willamette University before taking his/her two years of engineering work. The student then receives the Master of Science degree from Columbia University. This plan is available only in certain fields of engineering. Information concerning the engineering program may be obtained by consulting Professor Maurice Stewart of the Physics Department.

## Forestry

Willamette University has an agreement with Duke University School of Forestry which enables students who plan to follow a career in forestry to enroll at Willamette University for three years and to attend Duke University for two years. At the end of the five year period, two degrees are awarded-the bachelor's degree from Willamette, and the Master of science in Forestry from Duke.

## Elementary Education

The combined degree program between Willamette and Oregon College of Education leads to a Bachelor of Arts degree or a Bachelor of Science degree in an academic area at Willamette, and a B.A. degree or a B.S. degree and certification in elementary education at Oregon College of Education.
Located 15 miles from Salem in Monmouth, Oregon, Oregon College of Education is a medium-sized state college with an outstanding curriculum in elementary education. Under the combined degree program, a student would spend fall semesters at Willamette during the freshman, sophomore, junior, and senior years; spring semesters at Willamette during the freshman and sophomore years; and winter and spring quarters at Oregon College of Education during the junior and senior years. Only four years are required for completion of the program. No summer school is necessary.
Students interested in the double degree program should contact Dr. Wright Cowger of Willamette's Department of Education for additional information.




## Business Administration

Each year a relatively large number of Willamette graduates enroll in graduate programs in business administration at universities in all sections of the nation. It is also quite common for Willamette graduates to embark on business careers without additional formal academic work. The Willamette liberal arts program prepares students admirably for either eventuality.
The most popular major for careers is economics. It is possible to tailor sequences of economics courses to individual needs and objectives. In addition to economics, most other majors have relevance to business careers in view of the broad perspective and basic analytical and communication skills necessary for success in business administration.

## Dentistry

A student planning to enter dental school will follow essentially the same program outlined under Medicine. It is possible to be admitted to a dental school upon the completion of 22-1/2 credits. Ordinarily, a student planning to enter dental school will complete all the requirements for the Bachelor of Arts degree prior to his admission.

## General Graduate Study

Graduate schools frequently require that basic courses in the chosen field of study be pursued on an undergraduate level. Most graduate schools have a language requirement which must be met before the student may become a candidate for an advanced degree. A reading knowledge of one modern language is often required for a Master of Arts degree, and two languages for a Ph.D. degree.
All candidates for graduate work should have de-
monstrated outstanding ability as students, including successful completion of the Graduate Record Examination.

## Government Service

The Public Policy major program (see Inter-Area, page 52) gives qualified students opportunities in research and intern experiences as supplements to their interdisciplinary classroom education. The activities emphasize research and writing in addition to developing an understanding of the political, economic, legal and managerial factors involved in governing municipalities, regions and the state. Research projects and internships are both convenient and ideal learning devices due to Willamette University's location near the state capitol and the city's downtown area.

## Law

The completion of the undergraduate liberal arts program with a bachelor's degree and a record of general excellence is the best preparation for the study of law. Knowledge of accounting is frequently recommended and sometimes required by law schools.

## Medicine

A student planning on admission to medical school should consult the premedical advisor and admission requirements of the medical schools of his/her choice. The following are suggested as preparation minimum for admittance to most Medical Schools: Three credits in biology includ-
ing Biology 10 (Principles of Biology) or Biology 20 (General Zoology); Biology 72 (Fundamentals of Genetics); either Biology 66 (Cell Biology) or Biology 55 (Embryology) or Biology 71 (Microbiology) or Biology 26 (Vertebrate Zoology).
Four credits in chemistry including Chemistry 24 (Structure and Bonding); Chemistry 25 (Chemical Dynamics); and Chemistry 31 and 32 (Organic Chemistry I and II). Two credits in mathematics and two credits in physics are also to be completed.
It is possible to enter a medical school upon the completion of three years of undergraduate work provided all requirements for the Bachelor of Arts degree or Bachelor of Science degree will have been satisfied at the end of the first year of medical school. Usually, all general requirements except total credits for the bachelor's degree will have been met before entrance into medical school.

## Medical Technology

Willamette offers all the basic courses required for admission to accredited schools of Medical Technology. The student should complete four credits in Biology, four credits in Chemistry and one credit in Mathematics. The pre-medical advisor should be consulted for suggestions of the most appropriate courses.

## Ministry and Religious Service

Students who plan to attend theological schools to prepare for the parish or other specialized ministries should take diversified courses covering as many areas of learning as possible. Completion of a B.A. degree in any of the humanities is recommended.

## Nursing

Willamette provides courses for those seeking careers in nursing. Course requirements for admission to the University of Oregon Nursing School may be met in one year by taking 8 credits which should include two credits in chemistry, one credit in biology, one credit in anthropology, and one half credit in nutrition.
In addition, students are advised to take courses in literature, speech, and the social sciences. Two semesters of physical education activity courses are required.
A student wishing to attend another nursing school should check the specific requirements of that school.

## Social Service and The Help Professions

Students interested in a career in social work should plan to complete a program of graduate training. The Department of Sociology offers courses relevant to programs of study leading to careers in social service. The University is fortunate to be located in the immediate vicinity of various state agencies. Selected students, particularly in the social sciences, are enabled to gain practical knowledge of research techniques while at the same time achieving credit toward graduation.

## Teaching

Academic requirements necessary for a certificate to teach in secondary schools may be found in the Education Department, under Teacher Preparation, page 41.



The Willamette University College of Law was established in 1883, the first in the Pacific Northwest. In 1967, the College of Law moved into the Truman Wesley Collins Legal Center.
Willamette's law school has been on the approved list of the American Bar Association since 1938 and is a 33 year member of the Association of American Law Schools. Graduates receive a Doctor of Jurisprudence Degree (J.D.) and are eligible to take the bar examination in any of the States and the District of Columbia. The College of Law trains and equips men and women to render service and achieve success in the practice of law. The College of Law catalog is available upon request by writing the Dean of Admissions, College of Law, Willamette University, Salem, Oregon 97301.


The Geo. H. Atkinson Graduate School of Administration offers professional education for managerial careers in the public, private and not-for-profit sectors. In the two-year program, leading to the Master of Administration (M.Ad.) degree, the first-year core curriculum consists of required courses in economics, finance, accounting, organizational behavior, quantitative methods, and government and business. In the second year, students elect courses on the basis of their career objectives. Nearly all students undertake paid internships for credit during the summer between the first and second years.
Courses are offered at times convenient to part-time students. The School seeks a diverse student body from all academic disciplines.
Eligible Willamette undergraduate students may enter the School as seniors, receiving the bachelor's degree at the end of the fourth year and the Master of Administration degree at the end of the fifth year. The Atkinson School is the first of its kind in the Northwest. A catalog is available upon request by writing the Director of Admissions and Placement, Atkinson Graduate School of Administration, Willamette University, Salem, Oregon 97301.

## Foreign Languages \& Literatures

(Continued from page 47)

## Japanese

13-14 Introductory Conversational Japanese I and II
23-24 Intermediate Conversational Japanese I and II

## Russian

11-12 Elementary Russian I and II
21-22 Intermediate Russian I and II
30 Dostoevsky: The Major Fiction
35 Russian Composition and Discussion
42 Introduction to Russian Literature
47 Russian Civilization and Culture
48 Russian Literature: Romanticism and Realism
49 Russian Language Seminar I (1/2)
56 Russian Literature: Modernism and Revolution
57 Russian Language Seminar II (1/2)
58 Russian Literature 1932-Present
59 Russian Language Seminar III (1/2)
60 Solzhenitsyn: A Decade of Discontent

## Spanish

11-12 Elementary Spanish
21-22 Intermediate Spanish I and II
42 Introduction to Spanish Literature
45 History of Hispanic Thought
47 History of Spanish Civilization
48 Hispanic American Civilization and Culture
52 Contemporary Spanish Drama and Poetry
Christine A. Gentzkow, Asst. Professor, Chairman
Clarence A. Kraft, Assoc. Professor
Paule G. Drayton, Assoc. Professor
Francoise Goeury-Richardson, Asst. Professor
Marta Velez, Asst. Professor
Magda Schay, Instructor (part-time)
William E. Smith, Instructor (part-time)
Marjorie Ferry, Instructor (part-time)
Juan Gomez, Instructor (part-time)
Zuigaku Kodachi, Instructor (part-time)
Karen Vogt, Instructor (part-time)

## Music

(Continued from page 61)
36 Applied Instrumental and Vocal Instruction II (1/2-1)
44 Keyboard Skills IV (1/4)
54 Diction for Singers I: English and Italian ( $1 / 2$ )
56 Applied Instrumental and Vocal Instruction II $(1 / 2-1)$
64 Diction for Singers II: German and French ( $1 / 2$ )

76 Applied Instrumental and Vocal Instruction IV (1/2-1)
83 Pedagogy of Applied Piano ( $1 / 2$ )
84 Senior Recital ( $1 / 2$ )

## Music Therapy

15 Music Therapy Practicum I (1/4)
19 Introduction to Music Therapy (1/2)
35 Music Therapy Practicum II (1/4)
38 Therapy Orientation (1/2)
48 Recreational Music ( $1 / 2$ )
55 Music Therapy Practicum III (1/4)
59 Influence of Music on Behavior ( $1 / 2$ )
69 Music In Therapy (1/2)
71 Psychology of Music I (1/2)
75 Music Therapy Practicum IV (1/4)
81 Psychology of Music II ( $1 / 2$ )
85 Functional Therapy Techniques ( $1 / 2$ )

## Music Education

61 Public School Music Methods-Elementary Classroom
63 Public School Music Methods-Instrumental ( $1 / 2$ )
65 Public School Music Methods-Vocal (1/2)

## Music Ensembles

1 Salem Symphony ( $1 / 4$ )
91 Chamber Orchestra (1/4)
92 Jazz Ensemble (1/4)
93 Willamette Wind Ensemble (1/4)
94 Willamette University Choir (1/4)
95 Opera Theatre (1/4)
96 Opera Practicum ( $1 / 4$ )
97 Chamber Music ( $1 / 4$ )
98 Willamette Singers (1/4)
Maurice W. Brennen, Professor, Chairman Gary Bangstad, Assoc. Professor of Choral Music James Cook, Assoc. Professor, piano Richard H. Stewart, Assoc. Professor, woodwinds
Julio Viamonte, Assoc. Professor, voice
Donna Douglass, Asst. Professor, music therapy
Bruce McIntosh, Asst. Professor, cello
MaryAnn Rees, Asst. Professor, theory
Gaylon Bledsoe, Instr. (part-time), trombone
David Chinburg, Instr. (part-time, visiting), cello, choir orchestra
Dean Comley, Instr. (part-time), trumpet David Crane, Instr. (part-time), horn John Doan, Instr. (part-time), guitar Marcia Hauff, Instr. (part-time), harpsicord, organ, piano
Donald M. Hibbard, Instr. (part-time), bassoon
Heidi Howarth, Instr. (part-time), voice
Mary Lott, Instr. (part-time), oboe
Kathryn MacKinnon, Instr. (part-time), piano
Valerie McIntosh, Instr. (part-time), voice
Dorothy Rickard-Hibbard, Instr. (part-time), piano
Catherine Schnelker, Instr. (part-time), piano
Donald Uhl, Instr. (part-time), jazz course
Jeanne Johnson, Instr. (part-time), flute
Don R. Worth, Instr. (part-time)
Christine E. Kirkwood, Instr. (part-time)


## Housing

As a residential campus, Willamette University believes that a student's living arrangements and relationships are influential factors in his or her personal and educational development.
The Dean of Students/Office of University Residences coordinates campus housing and strives to accommodate the endless variety of student interests and lifestyles. An in-residence staff of Head Residents and Resident Assistants (R.A.'s) is also provided to facilitate activities within each residence and to absorb many of the management responsibilities. Campus residences are designed to provide comfortable and convenient living accomodations. Since one's living environment offers a unique backdrop for a variety of out-of-classroom learning opportunities, many athletic, cultural, academic, and social programs are planned throughout the year.
Each residence unit features comfortable lounges, recreational facilities, and conveniently located dining areas.
There are eighteen separate living units on the campus, including six national fraternities and three national sororities. New students are assigned residence accommodations in priority order based on the date their enrollment deposits are filed.
All full-time undergraduate students who are not of junior status or 21 years of age on or before the first day of classes fall semester must room and board in University owned and operated residence halls, fraternities, or sorority houses, as space permits, unless living with parents or spouse.

## Counseling

Specialized counseling services are available through the Student Personnel staff which includes the Vice president for Administration, Dean of Students, Assistant Dean for Housing, Assistant Dean for Minority and Career Counseling, Director of Counseling Services, Health Center physicians and nurses, the University Chaplain, and Director of Student Financial Aid.
Generally, the Counseling Service assists students and faculty members in making decisions related to academic and interpersonal matters. Common issues include developing better study habits and techniques, organizing time more effectively, improving relationships with other people, and other matters.
Faculty academic advisors (see Academic Advising System, page 23) are also available for personal consultation.

## Religious Life

Willamette University realizes the significance of religion in personal and social affairs and offers a variety of opportunities for growth in understanding, commitment and action in the area of religion. The religious groups on the campus are primarily the outgrowth of student interests, and the religious activities are organized to include all denominations. The Willamette Christian Body, a nondenominational group, is the largest of these organizations. The University Chaplain, in addition to his other responsibilities, offers regular hours for private counseling with students.

## Health Service

The University provides a health service for its students in the Bishop Memorial Health Center. The Health Center staff includes one physician who schedules regular hours for consultation and a staff of registered nurses and a nurse practitioner who maintain twenty-four hour service. Counseling services are integrated with the health services with a resident psychologist and a counselor available during clinic hours.

## Placement Services

The Career Education office assists students in career planning. Career education workshops are sponsored to supplement the academic curriculum and to facilitate the transition from college to career. Topics include decision-making, career exploration, and "the job hunt." The Career Education Office also coordinates career placement interviews. A career education library with materials focusing on the job market and occupational trends is also available to students. Student on-campus employment opportunities are coordinated through the Career Education office. Assistance in locating offcampus work is also available.

## Speakers Program

The University Speakers Program is designed to help maintain and improve the educational climate of the University by bringing to the campus outstanding artists and speakers. A student-faculty-administration committee is responsible for these programs, whose purposes are: 1. To stimulate discussion within the university community.
2. To provide educational material and cultural experiences which will serve to broaden knowledge and enrich campus life. 3. To help create inquiring attitudes which will encourage the pursuit of interest beyond the normal academic program.
The program has sponsored such diverse personalities as authors Elie Weisel and Alan Paton; Zulu African Chief Gatsha Buthelezi; anthropologist Margaret Mead; futurist Hazel Henderson; and environmentalist author Barry Commoner.
Although attendance is not required, the University Speakers Program Committee expects and relies upon the full support of the members of the university community for the success of these programs.

## Standards of Conduct

To enable Willamette University to fulfill its purpose, it is the common responsibility of all persons associated with the University -students, faculty, administrators, alumni and trustees-to serve to maintain and improve a campus climate that generates enthusiasm for learning and respect for human dignity in all relations among students, faculty, administrators, and trustees; to represent the University in the broader social community in a manner consistent with the principles and purposes of the University; and to honor the commitment of Willamette University in the governance of their conduct and abide by the standards of conduct set. In short, standards of conduct are applicable to all members of the University community, visitors and guests, and are designed to promote indi-
vidual and group governance in accordance with dignity, decency, and maturity. In particular, such standards are directed toward social and living relationships pertinent to the University as a residential campus. It is assumed that each individual recognizes his/her responsibility to the University community and that ultimately he/she can be held accountable by other members of the community for failure to assume those responsibilities.
Standards of conduct and related rules having university-wide application are formulated by the joint action of students and faculty members in the Student Affairs Committee. They are given authorization with the approval of the President of the University acting on behalf of the Board of Trustees. Standards of Conduct represent the best consensus that has been achieved through the active participation of the various constituent parts of the University community. As such these are community expectations and neither legal prescriptions nor moral absolutes. Measures taken in regard to those who do not conform to these standards are not punishment for actions committed, but are sanctions for failure to fulfill responsibility. The policies governing student conduct, judicial and appeal procedures possible penalties for violations of the Standards of Conduct and grievance procedures are included in The People's Handbook for Willamette University. The Handbook is distributed to all students at the beginning of each academic year in order to meet the University's moral and legal obligation to provide all members of the campus community with information governing campus conduct and judicial procedures. Additional information can be obtained by contacting the Dean of Students Office.

## Student Organizations

## The Associated Students of Willamette University

All undergraduate students taking more than two courses automatically hold membership in the ASWU. Graduate students and special students may also affiliate. The ASWU directs general student programs including social events, convocation programs, debate and public speaking contests, dramatic productions, and various musical productions on the campus. The ASWU helps to plan the traditional Willamette Functions such as Parents' Weekend and Freshman Glee. The student body office provides centralized information about student body activities, typing, mineographing, and xeroxing services to students.

## Forensics

Willamette University students interested in public speaking are offered opportunities to participate in a variety of forensic activities. Willamette has an outstanding debate record, and each year its teams meet many other colleges in scheduled tournaments. Willamette speech students also enter contests and fill community requests for orations, extemporaneous, impromptu, and after-dinner speeches and interpretative readings.

## Music Performing Organizations

Music performing organizations at Willamette, which are
open to all students in the University, include the University Wind Ensemble, University Jazz Ensemble, the University Choir, the Willamette Singers, the Willamette Chamber Orchestra and a number of chamber music ensembles. All of these perform extensively on the campus and in the Salem area and the larger groups engage in at least one extensive tour each year.

## Freshman Glee

Freshman Glee is an event unique to Willamette. Glee is a contest in which the freshman class challenges all the other classes to composition and rendition of an original song, based on a theme adopted for the occasion. Each class works out a marching formation; and, after much "pre-presentation" enthusiasm, the entire class presents its song in competition with the other classes.

## Publications

The Willamette Collegian is the University newspaper published weekly by the Associated Students. The paper represents the student life of Willamette. Its staff gains practical experience in all phases of newspaper work. The Wallulah is the yearbook, published annually by the Associated Students. It is a volume composed of pictures and comments on the current year's activities from the students' viewpoint.
The campus literary magazine contains original essays and poems by Willamette students and faculty and alumni.

## Athletics

Willamette has organized varsity teams for men in football, basketball, track, baseball, tennis, golf, wrestling, cross country, swimming and soccer and for women in field hockey, volleyball, basketball, softball, tennis, golf, bowling, badminton, swimming and track.
The administration and faculty keep in close touch with the work of the athletic teams to insure benefit to those who participate. Students whose scholastic standing is unsatisfactory are excluded from intercollegiate athletics. Intercollegiate athletics, intramurals and women's sports are under the personal supervision of the Director of Physical Education and Athletics. Willamette is a member of the Northwest Conference and adopts the rules of that conference and the National Association of Intercollegiate Athletics for the regulation of its competitive sports program for men. Women participate in the Women's Conference of Independent Colleges (WCIC) and in the Association of Intercollegiate Athletics for Women.

## Eligibility for Office and Activities

Students in Liberal Arts are eligible for office if they are in good academic standing and are registered as regular students of the University. Students on probation may not hold an office or represent the University in any public way. The required standard of work and conduct must be continued throughout the tenure of office.

## Fraternal Organizations

For women students, Willamette has three national sororities. They are Alpha Chi Omega, Delta Gamma, and Pi Beta Phi.
There are six national fraternities for men: Beta Theta Pi,

Delta Tau Delta, Kappa Sigma, Phi Delta Theta, Sigma Alpha Epsilon, and Sigma Chi. All have houses which are located on the University campus.

## Honor Societies

In order to recognize outstanding achievement in the various fields, Willamette University maintains chapters in many national and campus honor societies. These include the following:
ALPHA KAPPA NU: A senior honorary, granting membership on the basis of scholarly achievement. Election is limited to students in the top ten percent of the graduating class, one half of whom may be elected in the fall and the remainder in the spring preceding graduation.
ALPHA LAMBDA DELTA: A national scholastic honor society for freshman women with a minimum 3.5 grade point average.
KAPPA DELTA PI: A national honor fraternity in education. Membership is based upon scholarship and interest in the profession of teaching and is limited to upper division and graduate students.
MORTAR BOARD: A national leadership honorary which recognizes seniors for superior scholarship, leadership, and service to the University.
OMICRON DELTA KAPPA: A national leadership honor society of juniors and seniors. Achievement in the five phases of campus life-scholarship; athletics; student government; social and religious affairs; publications; and radio, music, and dramatic arts-is recognized as the basis for membership.
PHIETA SIGMA: The national honorary society for freshman men whose purpose is to promote high standards of scholarship. First or second semester freshmen who have earned a 3.5 grade point average are eligible. PHI SIGMA IOTA: The national Romance language honorary society, open to advanced students in any of the Romance languages who maintains a high scholarship average.
PI GAMMA MU: A national honorary society to encourage undergraduate study and to improve scholarship in the social sciences. Membership is open to faculty, alumni, graduate students, juniors, and seniors who have had five courses in the social science field with cumulative grade point average of 3.0 and 3.5 in the social sciences. PI KAPPA LAMBDA: A national music honorary fraternity for men and women, founded in 1918. It recognizes outstanding achievement in music, both scholastically and in performance.
DELTA SIGMA RHO-TAU KAPPA ALPHA: A national honorary society whose purpose is to promote excellence in public speaking. Students in the upper thirty-five percent of their class scholastically who participate in intercollegiate contests and show a consistent interest in forensics activities are eligible.

## Professional Societies

MU PHI EPSILON: A national professional sorority for women. Election is based on demonstrated outstanding musical ability and maintenance of a high scholastic average.

STUDENT CHAPTER, MUSIC EDUCATORS NATIONAL CONFERENCE: An organization of student music educators which furnishes opportunity for professional growth in the area of the major.
STUDENT EDUCATION ASSOCIATION: An organization composed of students who have a genuine interest in making teaching their career.

## Recognition Societies

BETA ALPHA GAMMA: A sophomore women's honor society which recognizes excellence in character, scholarship, and service.
DOBRO SOLVO: A national Slavic honor society whose purpose is to recognize excellence in the study of Slavic languages and literature.
PSI CHI: A national scholastic honorary in psychology.

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Admission to Willamette is selective and is offered on a competitive basis. Each year approximately 390 freshman and 70 transfer students are enrolled for the Fall Semester from a group of approximately 1100 applicants. The freshman grade point average (academic subjects only) ranges between 2.7 and 4.0. The average academic GPA of incoming freshmen is 3.3 and the average college GPA of transfers is 3.2.
The following factors are carefully reviewed in determining each candidate's qualifications for admission: Previous academic achievement (transcripts); Standardized test scores (the Scholastic Aptitude Test or the American College Test or the Washington Pre-College Test is required of all freshman applicants); Recommendation (School Report Form); and other factors such as creativity, demonstrated leadership, work experiences, significant travel and exceptional talent in a particular field.
In the case of freshman applicants, the secondary school transcript is of primary importance. The transcript is reviewed carefully, assessing 1. overall GPA; 2. courses completed and grades earned in individual courses; and 3. general progress from freshman to senior year. Standardized test results and references are used to help lend perspective and clarity to the school record. The Committee on Admission remains cognizant of differences created by an especially demanding secondary school, honors courses, enriched courses and Advanced Placement classes.
The record of a transfer applicant is reviewed in much the same way as that of the freshman applicant, but standardized tests are not required and the college record tends to over-shadow the secondary school record in importance. The college record becomes increasingly important as 1. the number of college credits earned increases; 2. the time elapsed between high school and college increases; and 3. vocational and personal experiences since leaving high school increase significantly.
Although general norms have been established for admission, a specific formula or precise cut-off has been avoided. Willamette seeks a diverse student body, but admits only those students the Committee on Admission feels can succeed academically. A student body demonstrating a balance among high intellectual competence, interesting personal qualities, social awareness and ethnic, religious, socioeconomic and geographical diversity is sought.
In no case is the financial situation of the applicant considered when making the admission decision. All candidates needing financial assistance are encouraged to apply (see Financial Aid, page 109).
Both freshman and transfer applications are also accepted for the Spring Semester which commences in early January.
Applications for the Fall Semester are due by December 15 for Early Decision Candidates (see page 104), and by March 1 for Regular Admission Applicants. Qualified applicants filing after March 1 will be admitted as long as space remains available.
Candidates for the Spring Semester which commences in
early January are notified of the decision of the Committee on Admission during the preceding fall.
Students admitted as Early Decision Candidates will be notified by January 10 and Regular Decision Candidates meeting the March 1 due date will be notified by April 1. Candidates submitting applications after March 1 will be notified approximately two weeks after their completed applications have been received.

## Freshman Application Process

Applicants for admission should be graduates of accredited secondary schools at the time of matriculation or have successfully completed the General Educational Development (GED) program unless special provision is made. Students presenting evidence of graduation from high school upon the basis of the General Educational Development tests will be considered on the basis of their percentile ranks in these tests. Admission on this basis is subject to confirmation or rejection at the close of the first semester of attendance at Willamette University.
Preference for admission will be given applicants who have completed a minimum of two years of a foreign language, two years of college preparatory mathematics, two years of laboratory science, three years of social studies or history and four years of college preparatory English.

## Procedures

## Freshman Admission

Applications for admission are supplied by the Office of Admission or may be obtained from the high school if the school is a participant in the Common Application Program. Willamette and approximately 100 other selective colleges accept the Common Application Form which can be completed once and duplicated in applying at other participating colleges.
These forms should be returned as early as possible during the senior year, but preferably prior to March 1. Students are admissible on a rolling basis after March 1 until the class is filled. Candidates for Early Decision must complete application by December 15 of the high school senior year.
To apply for admission to freshman standing, the applicant must submit:

1. An application for admission accompanied by a $\$ 15.00$ non-refundable fee.
2. An official transcript of high school work sent by the school for grades nine through eleven and the first semester or quarter of the senior year.
3. Reference (School Report Form) sent directly by the high school.
4. Standardized test results from the Scholastic Aptitude Test or the American College Test or the Washington PreCollege Test.

## Transfer Admission

Students who wish to transfer to Willamette from other accredited institutions above the secondary school level may be admitted to Willamette and receive credit for courses completed. Transfer applicants should send the following to the Office of Admissions:

1. An official transcript of all previous college work, includ-
ing verification of honorable dismissal or good standing, sent directly from the proper authorities of the college(s) previously attended.
2. An official Willamette University application for admission.
3. A completed Transfer Reference Form (recommendation) sent directly from an administrator at the college(s) previously attended.
4. An official transcript of secondary school work sent directly from the high school.
The names of all colleges previously attended should be included in the application. Failure to do so may constitute cause for cancellation of the student's registration at Willamette. In no case will a student be admitted who has been dropped from another college unless good standing at the former college has been regained. A minimum grade average of " $C$ " (2.0) in all previous college work is required. In most cases transfer students from accredited colleges will receive full credit for courses comparable to courses offered at Willamette. Courses with grades below a "C" will not transfer.
All documents for admission to the University are permanently filed and cannot be returned to the student.

## Early Decision

A student who has made a critical appraisal of the colleges in which he or she is interested and has decided Willamette is his or her first choice may apply for admission under the Early Decision Plan. The Office of Admission agrees to notify the student by January 10 and the student agrees to accept admission if offered. The application deadline is December 15 of the secondary school senior year. A transcript of work completed through the junior year, forwarded by the high school, is necessary. If the student is admitted, he or she need not apply elsewhere. If the decision is unfavorable, he or she will have ample time to apply elsewhere. Early Decision admission is generally reserved for candidates with outstanding records of achievement and aptitude. A student not eligible for admission on the Early Decision Plan may still be admitted at a later date by the regular admission procedure.
Students admitted on the Early Decision Plan are also notified of the results of their financial aid application by mid-January providing the aid application (Financial Aid Form of the College Scholarship Service) was also completed by December 15. Since Early Decision admittees have the earliest opportunity to submit their Advance Deposit (see next col.) and because housing assignments and registration schedules are based on the date of receipt of the Advance Deposit, these students have the greatest chance of selecting courses and residence of their choice.

## Advanced Placement

Willamette University recognizes the Advanced Placement Program sponsored by the College Entrance Examination Board and encourges student participation. Students earning scores of " 3 " or higher are generally given Advanced Placement and college credit with the
exception of English Achievement which requires a " 4 ". The amount of credit is determined by the department concerned.

## Advanced Credit

The credit and transfer procedure outlined for transfer admission (see page 103) also applies to the granting of credit for work done at an approved institution during a summer term while a student is regularly enrolled at Willamette University.
Not more than two credits may be granted for correspondence courses and/or televised courses from an accredited college. A student may take correspondence courses while regularly enrolled at Willamette only with the written approval of his or her advisor and the dean of the college concerned. The general rules for transfer credit also apply to correspondence courses. A maximum of six credits toward the baccalaureate degree, including correspondence and television, may be taken through extension.
Credit may be granted upon review by individual departments of subject examinations of the College Level Examination Program (CLEP). Results are reviewed on an individual basis. No credit is given for general CLEP examinations.
After a student has earned a total of 15 credits (equivalent to 60 semester or 90 quarter hours) from a two-year college additional credit will not be accepted toward any degree.
Students admitted with an Associate of Arts degree from an accredited community college receive automatic junior standing.

## Advance Payment

Acceptance of admission by the candidate is confirmed by an Advance Payment of $\$ 100$ which is required of each new student. This amount is payable by May 1 or within two weeks following notice of acceptance by Willamette University (whichever is later). Since this payment validates a student's admission to the University, it is important that it be received according to the schedule indicated. Fifty dollars of the $\$ 100$ Advance Payment is applied on the tuition of the first semester. The remaining $\$ 50$ is retained as an Advance Payment for subsequent years.
In the event unpaid breakage or loss of University property is incurred by the student, such charges will be deducted by the Business Office from the $\$ 50$ on account, subject to appeal by the student. Any deductions must be replaced in the account during registration for the following semester. If the student does not return to the University, the $\$ 50$ deposit or balance will be refunded during the following October, or earlier if requested.

## Special and Part-Time Students

Students may apply to the University on a non-degree or part-time basis. Some students who do not have the required units for graduation from an accredited secondary school may gain permission to take courses provided the faculty believes they will benefit and the school supports the student's request.

Any regularly enrolled student taking fewer than three credits is considered a part-time student with the exception of the final semester of the senior year. During this last semester, any amount of work taken, provided it is sufficient to complete all requirements for the degree sought, entitles the student to regular status.

## Veterans

Application for Veterans Administration education benefits may be obtained from either the Veterans Administration Regional Office or the Willamette University Veterans Secretary in the Office of the Registrar. Upon receipt of an application, the Veterans Administration will issue eligible veterans a Certificate of Eligibility valid only at the institution named and only for the objective indicated. The prospective student should bring the Certificate of Eligibility to the Office of the Registrar at the time of initial registration. It is advisable to apply immediately for V.A. benefits upon admission to the University. Further information regarding approved V.A. programs may be obtained directly from the University Veterans Secretary.

## Academic Listeners Program

The Academic Listeners program opens certain classes to the public for a nominal fee on a non-credit basis. The objectives of this program are to offer educational benefits to the Academic Listener while diversifying student contact.
Academic Listeners will sign up for courses during the second week of each semester in the Office of the Registrar. Prerequisite for attendance is approval of the instructor(s) of the course(s). Academic Listeners will attend classes for the personal knowledge gained; no credit of any type will be given by the University.
Program fees are as follows: Fifteen dollars per course including studio-laboratory-lecture courses where the Listener does not participate in the studio or laboratory; twenty-five dollars per course for all studio-laboratory courses; five dollars per course for one-quarter, one-half and one-credit classes for Senior Citizens over 65 years of age. Senior Citizens may participate in studio-laboratory courses for a fee of $\$ 15$.
Academic Listeners are not permitted to register for individual instruction courses.

## uition and Expenses



## College of Liberal Arts

Willamette University is committed to a tuition policy which protects the quality of educational opportunities offered while maintaining tuition at the lowest possible level.
A flat tuition and a library use fee are charged to students taking from 3 to $4-1 / 2$ credits.
The following schedule of fees and charges applies to the 1978-79 school year.
Tuition and Fees . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3 3,370**
Room and Meals . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1,563*
\$4,933
Books (estimated) ..... 180
Personal Expenses (estimated average) ..... 450
Total ..... \$5,563
*Double occupancy with maximum meal plan cost.
**Optional health and accident insurance and OSPIRG extra (\$66.00).

## Semester Tuition: Regular Students

College of Liberal Arts
Student Body Membership . . . . . . . . . . . . . . . . . \$ 20.00
(All undergraduate students taking more than $1-1 / 2$ credits are required to hold membership in the Associated Students of Willamette University. This membership entitles the student to attend all home athletic events and to participate in and enjoy the benefits of 22 student activities, covers class dues, social events, and subscriptions to the college paper and yearbook.)
Library Fee
For all regular undergraduate students in the College of Liberal Arts. $\$ 10.00$
Tuition
College of Liberal Arts, for regular students taking 3 to $41 / 2$ credits \$ 1,655.00
Each $1 / 2$ credit over $41 / 2$........................ . \$ 172.00
Special Music Fees: Music Majors, Full-time
One or two lessons, per lesson . . . . . . . . . . . . . . . \$ 50.00
Each lesson overtwo . . . . . . . . . . . . . . . . . . . . . . \$ 100.00
Class Piano . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . \$ 35.00

## Special Music Fees: Non-Major, Full-time

One or two lessons, per lesson . . . . . . . . . . . . . . \$ 100.00
Class Piano . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . \$ 50.00
Less than a full semester, per lesson . . . . . . . . . \$ 8.00

## Late Registration Fee

A fee of $\$ 5$ is charged for the first late day of registration plus $\$ 1$ for each additional school day during which the student fails to complete registration through the Business Office by 4:00 p.m. on the last official day of registration each semester.

## Late Payment Fee

A fee of $\$ 5$ is added to the account of any student who fails to make deferred payments when due.

## Semester Charges: Part-time Students

A part-time student is defined as any student in the College of Liberal Arts who is registered for fewer than 3 credits.

## Tuition

For courses in the College of Liberal Arts (not including private lessons in applied music) the following fees apply:

One fourth (1/4) credit . . . . . . . . . . . . . . . . . . . . . . . . \$ 146.00
One half $(1 / 2)$ credit . . . . . . . . . . . . . . . . . . . . . . . . . . \$ 292.00
Three fourths ( $3 / 4$ ) credit . . . . . . . . . . . . . . . . . . . . . $\$ 438.00$
One (1) credit . . . . . . . . . . . . . . . . . . . . . . . . . . . . .\$ 584.00
One \& one fourth ( $11 / 4$ ) credit . . . . . . . . . . . . . . . . . . .\$ 730.00
One \& one half ( $11 / 2$ ) credit . . . . . . . . . . . . . . . . . . . . \$ 876.00
One \& three fourths ( $1-3 / 4$ ) credit
\$1,022.00 + \$22.00 . . . . . . . . . . . . . . . . . . . . . . . 1,044.00
Two (2) credits $\$ 1,168.00+\$ 22.00 \ldots . . . . . .$. . $\$ 1,190.00$
Two \& one fourth ( $21 / 4$ ) credits
$\$ 1,314.00+\$ 22.00$
. 1,336.00
Two \& one half ( $21 / 2$ ) credits
$\$ 1,460.00+\$ 22.00$
\$1,482.00
Two \& three fourths ( $2^{3 / 4}$ ) credits
$\$ 1,606.00+\$ 22.00$
\$1,628.00

## Room and Meal Charges

Room and Board options permit selection of either 21 or 14 meals per week served throughout the school year except during Thanksgiving, Christmas and Spring Vacation. A schedule of meal service options and charges, based on double room occupancy, is as follows:

## Room and 21 Meals Per Week

$\$ 781.50$ each semester ( 3 meals each day- 7 days per week)

## Room and 14 Meals Per Week

\$741.50 each semester
Single occupancy in the residence halls and fraternight units will result in a $\$ 193.00$ per semester additional rental charge.
Students housed in sorority living units are required to pay the 21-meal per week charge if they are members or pledges living in the house. Students housed in any of the other residential units on campus are required to choose one of the two meal options.
The University reserves the right to alter its schedule of fees, charges, and meal options offered upon not less that six months notice.
All students contract for their rooms for the full academic year. Charges for room and meals are payable by the semester in advance, unless a deferred payment plan has been arranged in advance through the Business Office. No refund is allowed for meals missed. If a student withdraws from the University, he/she is responsible for the full room rent for the semester and for meals for the portion of the semester while in residence.
The University is not responsible for money, jewelry or other articles of value in students' rooms or on the campus during the academic year or during vacation periods. Possession of firearms by students is not permitted in dor-
mitories, fraternity and sorority units, or on campus at any time. For additional information, consult detailed housing regulations published by the Dean of Students.

## Payments

Tuition and charges for room and meals are payable in full by registration day each semester and are paid to the Business Office. All charges are payable in full by registration day each semester. However, two types of payment contracts are available upon request. The service fee for contracts and accounts not paid-in-full by Registration is $\$ 20.00$ per semester. A student may not attend classes until his/her semester bills have been paid unless a deferred payment plan has been approved by the Business Office prior to registration. Students may not take examinations or be given a transcript of credits until all University accounts have been paid in full. A student who fails to make his/her deferred payments promptly may be barred from class attendance and will be assessed the $\$ 5$ late payment fee. Students on contract will not receive a monthly billing and must pay in person or by mail on the dates designated on the Deferred Payment Contract. All checks returned to the bank will be subject to a service charge of \$3 and may result in the termination of deferred payment privileges and University check-cashing privileges.
For the convenience of the full-time student and his/her parents, deferred payment plans are available as follows:

## Plan A

This plan requires payment of approximately one-half of the total (or net) charges each semester by the last official registration day with the balance payable in three equal payments as follows:
Fall: October 1, November 1, December 1 Spring: February 15, March 15, April 15

Examples: (*includes optional \$33.00 insurance premium).

## 1978 Fall Semester Cost

Students living on campus:
21-meal option
2,519.00

14-meal option
Students living off campus
Registration Payment**
\$1,259.50 (21 meals)
\$1,234.50 (14 meals)
\$ 868.00 (off campus)
1979 Spring Semester Cost
Students living on campus:
21-meal option
14-meal option
Students living off campus
Registration Payment**
\$1,259,50 (21 meals)
\$1,234.50 (14 meals)
\$ 868.00 (off campus)
$\$ 2,479.00$
\$1,738.00
Mon. Payments
3 at $\$ 420.00$
3 at $\$ 415.00$
3 at $\$ 290.00$
Total Cost*
\$2,519.00
\$2,479.00
\$1,738.00
Mon. Payments
3 at $\$ 420.00$
3 at $\$ 415.00$
3 at \$290.00

The advance deposit payment is credited against the registration payment for the Fall Semester. Payment of more
than the required minimum at registration will reduce monthly payments. Books are not included in the above payment schedule.

## Plan B

This payment plan spreads the cost of the college year evenly throughout the calendar year. It is an 11-month plan with the payments due on the 1 st of June and each successive month through April 1 of the following year. The advance payment is credited against the first payment. Equal monthly payments are maintained after the initial payments.

## Examples:

Students living on campus (assuming 21-meal option)
Payment Schedule June 1 payment \$ 489.00**
10 mos . at $\$ 455.00$ $\$ 4,550.00$
Total payments \$5,039.00
Students living off campus \$3,476.00
Payment Schedule
June 1 payment $\$ 326.00^{* *}$
10 mos. at $\$ 315.00$ \$3,150.00
Total payments \$3,476.00

Scholarships, music lessons, extra courses, etc., will affect schedules, with payments decreased or increased accordingly. Special schedules will be prepared as required. Books are not included in the above payment schedule. Scholarships or other forms of aid may not be used in lieu of the initial payment required in Plan A. Scholarships and other forms of aid will, however, be deducted (one-half of the total award each semester) in determining payments.
*Total Cost includes $\$ 20.00$ per semester service charge for contract and $\$ 33.00$ per semester for Health Insurance.

## Refunds

Cash refunds in cases of voluntary withdrawal from a course or from the University will be allowed on tuition and student body membership, on the basis of the following schedule: Withdrawals within the first two weeks of the semester- $80 \%$ of assessed charges. Withdrawals during the third, fourth or fifth week of the semester- $60 \%$ of assessed charges. Withdrawals during the sixth, seventh, or eighth week of the semester-40\% of assessed charges. Withdrawals after eight weeks-no cash refund. A student who withdraws during a given semester will have the balance of his/her financial aid award cancelled. In case of withdrawal, a regular student carrying work in applied music will be charged for the lessons prior to withdrawal at the rate of $\$ 8.00$ per lesson. The balance of the charge is then subject to refund.
A student who is dropped from the University, or is suspended or is forced to withdraw for medical reasons receives no refund for room rent. The student may, however, receive a refund for any unused portion of prepayments on board.

## Financial Aid

Willamette University and most West Coast colleges and universities have adopted a mutual policy concerning the awarding of scholarships and other types of financial assistance. These institutions agree that scholarship awards should be made only to students in need of financial assistance to continue their education. For this reason public notice of awards is minimized and in no case is the amount of the stipend announced.

## Scholarship Recognition

Entering freshmen of particular distinction are awarded Honors at Entrance by Willamette University. Criteria used in placing these awards include scholarship, activities and citizenship, and other indications of probable success in college. Honors at Entrance are awarded without regard to financial need and carry no monetary grant. No special application is required to receive Honors at Entrance.

## Qualifications for Financial Aid

Financial aid may be available to incoming freshmen and to students with advanced standing who are enrolled at Willamette University. Awards are made on the basis of financial need of the individual with due consideration given to academic achievement and citizenship. To determine need, each applicant is required to have on file in the Office of Student Financial Aid a copy of the Financial Aid Form (FAF). Financial aid is awarded annually for the academic year September to June. This aid is renewed on the basis of personal and academic record and need. The student must file the appropriate application, obtainable from the Office of Student Financial Aid, for each year in which assistance is desired. The amount of each student's financial aid will be reviewed annually and will be adjusted in relation to changing financial or academic status and to the availability of financial aid funds.
Each student receiving financial assistance is required to make normal progress towards graduation as determined by the Academic Status Task Group in order to maintain eligibility for aid. A student who has been awarded financial assistance during a given semester who fails to complete a full academic load (3 or more credits) for that semester must petition to the Office of Student Financial Aid for consideration for subsequent semesters. A student who is on probation at the end of a semester must petition the Office of Student Financial Aid to be considered for assistance for the subsequent semester.
The University reserves the right to require that some portion of the financial assistance awarded by the University be taken as loans and/or work.
A student who accepts financial assistance cannot use any portion of this award to meet the required advance deposit and breakage fees. Failure to meet the deadline for these advance payments may cause any University award to be withdrawn.

## How to Make Application

1. Incoming students must complete the admission application to Willamette University including the Student Financial Aid Request Form.
2. The Financial Aid Form (FAF) of the College Scholar-
ship Service may be obtained from the high school guidance office or from Willamette University. This statement should be mailed directly to the College Scholarship Service.
To be considered for financial assistance, the prospective student must complete these forms and mail them by February 1. Students already enrolled should make application directly to the Office of Student Financial Aid by February 1. Announcement of awards for incoming students will be made prior to April 15. Returning students will be notified shortly after April 15.

## Types of aid

## Scholarships

Incoming students who have been admitted with Honors at Entrance and who show financial need may be awarded Honor Scholarships. Returning students, to be eligible for any scholarship, must show financial need and have maintained a minimum 3.00 GPA.
Several of these scholarships have been established as memorial scholarships and sponsors have in some cases stipulated special provisions. Interested students should address their inquiries to the Office of Student Financial Aid regarding the specific provisions for these name scholarships.

## Grants-in-Aid

Both incoming and returning students who are not awarded scholarships and have academic promise may be considered for grants-in-aid if they give evidence of financial need.

## Supplemental Educational Opportunity Grants

The federal government has made available Supplemental Educational Opportunity Grants which are restricted to students who are in "exceptional financial need." Willamette University participates in this program and invites further inquiry regarding these grants.

## Basic Opportunity Grants

The federal government will make a number of these grants available to students who qualify through the Fi nancial Aid Form. Specific guidelines regarding the application process are available at the high school. For further information contact the Office of Student Financial Aid.

## Student Loan Funds

Because of the gifts of many friends and foundations, Willamette University has substantial funds available for student loans. Several of these funds have been made available to honor various individuals and in some instances carry restrictions as to eligibility. All students interested in borrowing from these resources are urged to contact the Office of Student Financial Aid to determine their specific eligibility. University loans were established to meet emergency needs over a short period of time and repayment is usually expected within six months. Willamette University participates in the National Direct Student Loan program, the United Student Aid Fund, the Oregon Guaranteed Loan program, the Federally Insured Student Loan program, and the United Methodist Student Loan Fund. Determination of need for all loans will be
based on the same application for financial aid as required by applicants for scholarships and grants-in-aid.

## Student Employment

On-campus employment is awarded on the basis of financial need and ability to do the job. Students interested in campus work should contact the Career Education Office for further information. Any student interested in working with food service should contact the Saga office.

## Prizes, Awards, and Scholarships

A variety of scholarships, loans prizes and awards is available to provide financial assistance to Willamette students. In many cases, donors provide for these scholarships and loans in memory of specific individuals for their outstanding contributions to the University, to higher education, and to society. The prizes are awarded without regard to financial need.

## Scholarships

Vera M. Armstrong
Myrtle L. Atkinson
Thomas E. Autzen
Edgar F. Averill
Eliza Baker and Lavina Wheeler
Bruce R. Baxter
Bishop Bruce R. Baxter
Mr. and Mrs. Howard C. Belton
Lester J. and Ida May Bennett
Lelia S. Bortzmeyer
Juluis J. and Joanna Brauer
Russell M. Brooks
Cardinal Round Table
Ellen J. Chamberlain \& Julia L. Schultz
Beuford S. Cole
Mary L. Collins (undergraduate and graduate)
William D. and Phina Collins
Commercial Bank of Salem
Edwin and June Woldt Cone
Catherine A. Covert (music)
Max F. and Susan E. deSully
Mary A. and Martin Dietz
Margaret Klund Earnheart
Hallie Brown Ford
Mabel H. Fraer
Grace Collins Goudy
George H. Grabenhorst
Louise Findley Heinl
Joseph Holman
Oregons Children's Aid Society
Freshman Honor
Jackson Foundation
Elizabeth Hovelburg Jaqua and
Leonard D. Jaqua
T.C. and Harold Jory

Richard E. Kerr
M. Evelyn Lawrence
W.C. and M.E.W. Lawrence

Julia B. Lear
Charles H. Leavitt

Robert H. Lillig R. Ivan Lovell (history)

Charles E. McCulloch James Newton McCurdy Ferne and Brooks Moore Charles and Valona Moser Mu Phi Epsilon Morton E. and Jessie G. Peck Pemberton Award James H. Polhemus
Presser Foundation
Charllotte and D. Russell Rarey
Reynolds Trust Fund of Centenary Wilbur Methodist Church
Ernest C. and Myrta A. Richards
Bernice Rise
Nellie Lavina Roberts
Charles A. Robertson
Salem Breakfast Club
Salem Music Club
Salem Rotary Club
Wilson Henry Scott
Shell Assists
G. Herbert Smith

Ray L. Smith
M. Emma Stannus

Charles Leonard Starr
Sarah Hunt Steeves
Irene Gerlinger Swindells
Michal Ann Thomas
Vernon Victor and Augusta M.
Thompson
Clorinda R. Topping
Town and Gown
Max D. and Rose E. Tucker
United Methodist Church
Alma Rhorer Vinson
Florian Von Eschen
Glen C. Wade
Helena Willett Wallace
Nancy Black Wallace
William Wallace Youngson

## Loan Funds

American Association of University Women
Ruth Bastuscheck
George William Bleile
R. A. Booth

Ruth J. Boylen
Class of 1919
College of Law
Sol Stern
Edward G. and Ida M. Crawford
Bing Crosby
Olive M. Dahl
Herbert L. Deal
Carol Emerson Dversdal
Clara Eness
Faculty
Federally Insured Student Loan
Frank G. And Viola Price Franklin
Louise J. Gates
Ross George Gladden
David S. McClellan
Methodist Men
Dix Vinson Moser
Joy Turner Moses
National Direct Student Loan
Gussie A. Niles
George Allen Odgers
Oregon Guaranteed Student Loan
Annie Roberts
"Abby" Rogers
Salem Civic Players
Walter P. Schuck
M. Josephine Shanks

United Methodist Church
"Chuck" Todd

## Prizes

Joseph H. Albert
J.H. Booth

Mark O. Hattield
Dorothy Ann Perkins
Colonel Percy Willis
Paul H. Doney
RexA. Turner

## Awards

Alpha Chi Omega
Alpha Lambda Delta (Senior)
Annie M. Barrett
Central Willamette Valley Association of Phi Beta Kappa
Mrs. Walter A. Denton
T.C. Jory

Chester F. Luther
Dr. Helen Pearce
Pemberton Family
Daniel H. Schulze
Wall Street Journal



## College of Law, <br> College of Liberal Arts, <br> Graduate School of Administration

## Emeritus (Retired)

Courtney Arthur, 1958 Professor Emeritus of Law, 1978.
Paul Beal, 1946, Associate Professor of Romance Language
Stanley Butler, 1950 Professor Emeritus of Music
Alida Gale Currey, 1926 Professor Emeritus of Physical Education, 1966.
Ralph Dobbs, 1943 Associate Professor Emeritus of Piano, 1970.
Melvin H. Geist, 1939 Professor of Music and Dean of the College of Music, Emeritus, 1964.
Robert D. Gregg, 1948 Professor of History and Dean of the College of Liberal Arts, Emeritus, 1966.
Lyle C. Grimes, 1964 Assistant Professor of Economics, 1973.
Norman A. Huffman, 1946 Professor Emeritus of Religion, 1974.
Lois E. Latimer, 1924 Professor Emeritus of Home Economics, 1959.
John Lindbeck, 1967. Retired Assistant Business Manager, 1975
Roy M. Lockenour, 1928 Professor Emeritus of Law, 1954.
R. Ivan Lovell, 1937 Professor Emeritus of History, 1966.

Chester F. Luther, 1936 Professor Emeritus of Mathematics, 1972.
Cecil R. Monk, 1927 Professor Emeritus of Biology, 1968.
Marion Morange, 1931 Professor Emeritus of Romance Language, 1970.
Cameron Paulin, 1949 Professor Emeritus of Art, 1976.
Helen Pearce, 1920 Professor Emeritus of English, 1955.
Richard P. Petrie, 1954 Financial Vice President, Emeritus, 1970.
John A. Rademaker, 1947 Professor Emeritus of Sociology and Anthropology, 1970.
Seward Reese, 1946 Professor Emeritus of Law/Dean, College of Law, 1968.
Murco Ringnalda, 1940 Professor Emeritus of English, 1970.
Josef H. Schnelker, 1946 Professor of Organ and Theory, 1976.
Daniel H. Schulze, 1930 Professor Emeritus of German, 1965.
George Herbert Smith, 1942 President Emeritus of the University, 1970.
Lestle J. Sparks, 1925 Professor Emeritus of Physical Education, 1962.
Paul G. Trueblood, 1955 Professor Emeritus of English, 1971.
Marija Udris, 1958 Assoc. Professor Emeritus of German \& Russian, 1970.

## Active-Full Time

Elliott M. Abramson, 1973 A.B., Columbia College; L.L.B., Harvard Law School Professor of Law, 1977.
Wynn A. Abranovic, 1977 B.E.E., M.S., Ph.D., Rensselaer Institute. Associate Professor of Applied Statistics and Information Systems, GSA.
Henrietta L. Althoff, 1948 R.N. University of Minnesota. Director of Nursing Services.
Virginia L. Anderson, 1968 B.A. University of Puget Sound; M.L., University of Washington. Technical Services, Law Library, Assistant Professor, 1972.
Stephen Archer, 1973 B.A., M.A., Ph.D., University of Minnesota. Professor of Finance.
Henry J. Bailey, III, 1965 B.A., Pennsylvania State University, L.L.B., Yale Law School. Professor of Law, 1969.
Gary Bangstad, 1978 B.M.Ed., Gustavus Adolphus College; M.S. in Mus. Ed., Univ. of Illinois; Ed.D. in Mus. Ed., Arizona State. Assoc. Professor of Music, 1978.
Amy Barlowe, 1976 B.M., M.M., Julliard School of Music. Assistant Professor of Violin.
Bernard F. Batto, 1975 B.A. Mary Knoll College; Ph. D., Johns Hopkins University. Assistant Professor of Religion.
C. Russell Beaton, 1971 B.A., Willamette University; M.A., Ph. D. Claremont University. Professor of Economics, 1976. (Leave, Spring, 1978-79).

Lloyd D. Beckner, 1977 B.S., Portland State University. Director of Campus Security.
William G. Berberet, 1976 B.A., Carroll College; M.A., University of Nebraska; Ph. D., University of Nebraska. Dean, College of Liberal Arts; Professor of History.
Adele Louise Birnbaum, 1963 B.A., University of Illinois; M. A., Bryn Mawr College. Assistant Professor of English,1969.
James B. Bjorkquist, 1968 B.A., Gustavus Adolphus; M.A., University of lowa; M.A., University of Colorado.
Associate Professor of Sociology, 1976.
Bea Blake, 1960 Grand Island Business College, Assistant Director, Financial Aid, 1975.
Virginia E. Bothun, 1968 B.A., University of Washington; M. A., Stanford University. Assistant Professor of English, 1974.
K. James Boutin, 1967 B.A., Lewis \& Clark College; M.S., University of Southern California. Director of Sparks

Center, Men's Intramurals, and Basketball Coach, 1971.

Gerard Bowers, 1971 B.A., City College New York; M.A., Ph. D., Harvard University. Associate Professor of English, 1974. (Sabbatical, Fall, 1978-79).

Charles J. Bowles, 1965 B.A., M.S., University of Portland; Ph. D., University of Oregon. Director of Athletics, Professor of Physical Education and Track and Cross Country Coach, 1973.
Wilbur S. Braden, 1970 B.A., M.A., Washington State University; M. Litt., Trinity College, Dublin; Ph. D., University of Virginia. Associate Professor of English, 1974.
Donald R. Breakey, 1954 On the Albert Seaquist Foundation; B.S., Willamette University; M.S., Michigan State University; Ph. D., University of California at Berkeley. Professor of Biology, 1967.
Richard F. Breen, Jr., 1976 A.B., Dartmouth; L.L.B., University of Maine Law School; M.L.S., University of Oregon. Law Librarian; Associate Professor of Law.
Maurice W. Brennen, 1940 B.S., M.M., Northwestern University. Professor of Music, 1978.
James P. Brik, 1973 B.A., M.P.E., Idaho State University. Assistant Professor of Physical Education and Aquatics Director, 1977.
Elizabeth Brockmann, 1976 B.S., M.S., Oregon College of Education. Director, Media Center.
Claudia Elizabeth Burton, 1971 B.A., Oberlin College; M.A.T., John Hopkins University; J.D., University of California at Los Angeles. Professor of Law, 1977.
Edwin W. Butler, 1949 B.A., M.A., Louisiana University; L.L.B., University of Colorado. Professor of Law, 1956.
James W. Cadena, 1978 A.B., Indiana University; M.S., Purdue University. Assistant Dean for Minority Affairs and Career Counseling.
Jerry S. Canning, 1963 B.A., Ph. D., University of Maryland. Professor of Philosophy, 1977.
Thelma Carroll, 1960 Henager Business College. Assistant Registrar.
Ronald T. Cartmell, 1978 B.S., Willamette University. Admissions Counsellor.
Frances H. Chapple, 1966 B.Sc., Ph.D., University of Bristol, England. 3Associate Professor of Chemistry, 1971. G. Marc Choate, 1974 B.A., M.B.A., Ph.D., University of Washington. Associate Professor of Finance and Business Economics.
James Cook, 1970 B.A., Whitman College; M.S., Lee Juillard School; D.M.A., University of Southern California. Associate Professor of Piano and Music Theory, 1973.
Richard Wright Cowger, 1969 B. Mus. Ed., Oberlin College; M.Ed., Willamette University; D.Ed., University of Oregon. Professor of Education, 1973.
J. Richard Creatura, 1978 B.A., Tufts University; J.D., University of the Pacific, McGeorge Law School. Assistant Professor of Legal Research and Writing.
Charles H. Derthick, 1948 B.A., Mt. Union College; M.A., Ohio State University; Ed.D., Oregon State University. Professor of Psychology, 1956.
Thomas Detwyler, 1978 B.S., University of Michigan; Ph.D., The Johns Hopkins University. Associate Professor of Geography and Environmental Science.
William J. Devery, 1970 B.S., M.S., Ph.D., University of Washington. Associate Professor of Psychology. (Sabbatical, Spring, 1978-79).
Hugh Dick, 1977 B.A., Colorado College; J.D., Willamette University; L.L.M., New York University. Visiting Associate Professor of Law, 1978.
D. Jay Doubleday, 1976 B.A., Ph.D., University of California. Professor of Administration; Dean, Graduate School of

Administration.
Donna D. Douglass, 1976 B.M., University of Pacific, M.A., Arizona State University. Assistant Professor Of Music; Director, Music Therapy Program.
Paule G. Drayton, 1960 B.A., Willamette University; M.A., University of Oregon; D.M.L., Middlebury College. Associate Professor of French, 1971.
Paul M. Duell, 1957 B.A., M.S., Fort Hays Kansas State College; Ph.D., Kansas State University. Professor of Chemistry, 1961.
William E. Duvall, 1971 B.A., Whitworth College; M.A., University of Pennsylvania; Ph.D., University of California at Santa Barbara. Associate Professor of History, 1977. (Sabbatical, Fall, 1978-79)
Daryl J. Evans, 1974 B.S., Scaramento State University; M.B.A., University of San Francisco. Business Manager.
Linda Andrews Garrett, 1978 B.S., Springfield; M.S., East Stroudsburg State College. Asst. Professor of Physical Education, 1978.
Bruce L. Gates, 1974 B.S.E., Princeton University; Ph.D., Graduate School of Public and International Affairs,
University of Pittsburgh. Associate Professor of Quantitative Methods and Public Adminstration.
Christine Gentzkow, 1966 University of Hamburg; B.A., Willamette University; M.A., Portland State University.
Assistant Professor of German, 1977.
Walter M. Gerson, 1973 B.A., University of Montana; M. A., University of Montana; Ph.D., University of Washington. Professor of Sociology.
Mary Edith Gilbertson, 1975 B.A., Northwestern University; M.L.S., University of Oregon. Acquisitions Librarian, Law.

Shelley Giles, 1975 B.A., San Francisco State University. Director of the Computer Center.
Richard M. Gillis, 1956 B.B.A., Tulane University; M.B.A., University of Pennsylvania; D.B.A., University of Oregon.
Professor of Economics, 1963.
D. Scott Glasser, 1975 B.A., New York State College; M.F.A., Cornell University. Assistant Professor of Theatre, 1977.

Roy H. Glen, 1978 B.S., University of Aston in Birmingham, England; Ph.D., Case Western Reserve University.
Visiting Assistant Professor of Organization Behavior, GSA.
Francoise A. Goeury-Richardson, 1966 B.A., Willamette University; License Letters, University of Nancy, France. Assistant Professor of French, 1970.
David E. Goodney, 1977 B.A., Austin College; Ph.D., University of Hawaii. Assistant Professor of Chemistry.
Kathy T. Graham, 1977 A.B., University of California at Berkeley; J.D., University of California at Davis. Assistant Professor of Law.
R. Lance Haddon, 1976 B.A., M.A., Michigan State University. Dean of Students.

Jack H. Hafferkamp, 1961 B.S., Baldwin-Wallace College; M.S., Bradley University. Associate Professor of Mathematics.
Linda Haines, 1977 B.A., M.L.S., University of Oregon. Reference Librarian.
Carl A. Hall, 1948 Studied under Carlos Lopez; Artist Grant, 1949, American Academy of Arts and Letters, New York City. Associate Professor of Art, 1977.
Elysabeth Hall, 1976 B.A., Humboldt State University; M.L.S., University of Oregon. Cataloger, Law Library.
Richard Samuel Hall, Jr., 1972 B.A., Albion College; M.S., Ph.D., University of Illinois. Professor of Mathematics, 1978.

James A. Hand, 1964 B.A., University of Alabama; M. Div., Union Theological Seminary, New York; Ph.D., Vanderbilt University. Professor of Religion, 1974.
Philip S. Hanni, 1973 A.B., University of Kansas; B.D., Kenyon College; S.T.M., Yale University; D. Rel., Chicago Theological Seminary. Chaplain; Assistant Professor of Religion.
James S. Hanson, 1976 B.A., Yale University; A.M., Ph.D., Stanford University. Associate Professor of Economics.
Scott D. Hawke, 1971 B.S., San Diego State College; M.S., University of British Columbia; Ph.D., University of California at Riverside. Associate Professor of Biology, 1976.
Robert H. Hess, 1972 B.F.A., Indiana University; M.F.A., University of Notre Dame. Associate Professor of Art, 1976.
Thomas H. Hibbard, 1973 B.A., Pomona College; Ph.D., Claremont Graduate School. Associate Professor of Economics.
Frances A. Howard, 1970 B.S. Lewis \& Clark College; M.S., Creighton University. Associate Professor of Physical Education; Director of Women's Athletics, 1973.
Sally Howell, 1972 B.Ed., Eastern Washington State College. Director, Putnam University Center, 1977.
Norman J. Hudak, 1961 B.A., DePauw University; Ph.D., Cornell University. Professor of Chemistry, 1965.
Teresa K. Hudkins, 1969 B.M. Ed., Willamette University. Assistant Director of Admissions, 1977.
Roger P. Hull, 1970 B.A., Whitman College; M.A., Ph.D., Northwestern. Associate Professor of Art, 1976
Milton D. Hunnex, 1958 A.A., San Bernadino Valley College; B.A., M.A., University of Redlands; Ph.D., Intercol-
legiate Program in Graduate Studies, Claremont, California. Professor of Philosophy, 1961.
Richard IItis, 1972 B.S., South Dakota School of Mines; Ph.D., University of Oregon. Professor of Mathematics, 1978.
Carol J. Ireson, 1977 B.A., Stanford University; Ph.D., Cornell University. Assistant Professor of Sociology.
W. Randall Ireson, 1977 B.A., Stanford University; M.S., Ph.D., Cornell University. Assistant Professor of Sociology.

Dallas W. Isom, 1968 B.A., University of Utah; J.D., U. of Utah Law School. Professor of Law, 1974.
Mary Ann Johns, 1976 B.A., Western Illinois University; M.A., University of Illinois; M.F.A., Indiana University. Assistant Professor of Art.
Noel F. Kaestner, 1954 B.S., M.S., Ph.D., University of Wisconsin. Professor of Psychology, 1965.
Barbara Karmel, 1978 B.A., Cornell; M.S., Ph.D., Purdue University. Associate Dean of Research, Professor of
Organization Behavior, GSA.
Clarence A. Kraft, 1950 B.A., M.A., University of Oregon. Associate Professor of Spanish, 1958.
Michele M. LaBounty, 1978 B.S., Portland State University. Assistant Director of Information Services, 1978.
Larry D.Large, 1972 B.S., Portland State University; M.A., Ph.D., University of Oregon. Vice President of Administration,1977.
Tommy Lee, 1972 B.A., M.Ed., Willamette University. Assistant Professor in Physical Education, Football Coach, 1975.

Susan M. Leeson, 1970 B.A., Willamette University; M.A., Ph.D., Claremont Graduate School. Associate Professor of Political Science, 1976 (Sabbatical, Fall and Spring, 1978-79.
Jack Leonard, 1960 B.A., George Washington University; M.A., Stanford University. Associate Professor of Economics, 1973 (Sabbatical, Spring, 1978-79).
Gene S. Leonardson, 1978 B.A., Stanford University; M.A., University of Chicago; Ph.D., University of Pittsburgh. Assistant Professor of Public Administration, Director of Continuing Education.

Robert P. Lisensky, 1973 B.A., West Virginia Wesleyan; S.T.B., Boston University School of Theology; Ph.D., Boston University. President.
Earl K. Littrell, 1976 B.S., M.B.A., Ph.D., University of Oregon. Associate Professor of Accounting.
Carol Long, 1972 B.A., Pomona College; M.A., Ph.D., Northwestern University. Assistant Professor of English, 1973.
Joan E. Long, 1977 B.A., University of California, J.D., Willamette University. Assistant to the Dean of Law, 1977.
Richard D. Lord, 1964 A.B., M.A., Ph.L., St. Louis University. Associate Professor of English, 1970.
Robert H. Lucas, 1973 B.A., University of Oregon; M.A., Ph.D., Columbia University. Associate Professor of History.
James R. Lyles, Jr., 1956 On the Charles Sequist Foundation; A.B., Wofford College; A.M., University of South
Carolina, Ed.D., Duke University. Professor of Education.
Harry S. Manley, 1971 A.B., Westminster College; L.L.B., University of Pittsburgh School of Law; Ph.D., Duke University; L.L.D., Westminster College. Vice President for Development, 1974.
Francis Kent Markus, 1962 B.B.A., M.A., University of Minnesota. Associate Professor of History, 1973.
Steven M. Maser, 1978 S.B., Massachusetts Institute of Technology; M.A., Ph.D., University of Rochester. Assistant Professor of Public Administration and Public Policy, GSA.
Loren K. McBride, 1971 B.S., University of Idaho; M.A., University of Montana; Ph.D., University of Missouri.
Associate Professor of Psychology, 1977.
George S. McCowen, Jr., 1967 A.B., University of the South; M.A., L.L.A., Ph.D., Emory University.Professor of History, 1972.
Bruce M. McIntosh, 1969 B.M., Oberlin College; M.M., University of Texas. Assistant Professor of Music, 1973 (Sabbatical, Fall and Spring, 1978-79).
Janice C. McMillin, 1969 Boise State University. Director of Information Services, 1978.
Franklin D. Meyer, 1967 B.A., M.A., Michigan State University. Director of Admissions, 1969.
Daniel G. Montague, 1969 B.S., Oregon State University; M.S., University of Washington; Ph.D., University of Southern California. Associate Professor of Physics, 1973.
Wayne Muller, 1978 B.A., Thiel College; M.A., University of lowa. Assistant Professor of Theatre.
John J. Mylan,1970 B.S., Fordham University; J.D., Stanford School of Law; L.L.M., New York University School of Law. Professor of Law, 1975.(Sabbatical, Fall, 1978).
Raymond Naas, 1972 B.A., Central Washington State College. Manager, University Bookstore.
James A.R.Nafziger, 1976 B.A., University of Wisconsin; J.D., Harvard Law School. Associate Professor of Law, 1977.
Wren Nealy, 1975 B.S., M.D., Louisiana State University. Director, University Medical Service.
Timothy J. Nissen, 1977 B.A., Claremont Men's College; M.A., Claremont Graduate School. Director of Admissions and Placement, Graduate School of Administration.
Kenneth S. Nolley, 1967 B.A., Westmont College; M.A., University of Virginia, D.A., University of Oregon. Associate Professor of English, 1976.
Theodore Y. Ozawa, 1972 B.A., B.Ed., M.Ed., University of Hawaii; M.S., Oregon State University. Assistant Professor of Education.
Douglas L. Paterson, 1975 B.A., Yankton College; M.A., Cornell University; Ph.D., Cornell University. Assistant Professor of Theatre (Leave, Spring, 1978-79).
John C. Paulus, 1949 B.A., J.D., State University of lowa. Professor of Law, 1946.
Arthur D. Payton, 1962 B.S., Illinois Institute of Technology; M.S., Ph.D., Yale University. Research Professor of Chemistry, 1976.
Robert E. Peffers, 1972 B.S., Manchester College; M.A., Miami University; Ph.D., University of London. Associate Professor of Theatre, 1975.
Joan Peterson, 1977 B.A., Ohio State University; M.C., Arizona State University. Assistant Dean of Students.
Vern Petrick, 1974 B.S., Southern Oregon College; M.S.T., Portland State University. Wrestling Coach; Assistant Professor of Physical Education, 1977.
Stephen K. Prothero, 1963 B.S., M.A., Oregon State University. Associate Professor of Mathematics, 1974
(Sabbatical, Fall, 1978-79).
Robert L. Purbrick, 1947 On the P.W. Severson Foundation: B.A., Willamette University; M.A., Ph.D., University of
Wisconsin. Professor of Physics, 1955.
Robert M. Putnam, 1953 B.A., Cornell College; M.A., University of Wisconsin. Coordinator of University Scheduling; Manager of Smith Auditorium, 1975.
Wallace Rabold, 1978 Director of the Plant.
Patrick A. Randolph, Jr., 1975 B.A., Yale University; J.D., University of California at Berkeley. Associate Professor of Law, 1978.
Mary Anne Rees, 1977 B.M., M.M., Indiana University. Assistant Professor of Music.
Marian Rehm, 1970 Registered Nurse Practicioner.
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## Calendar

## Fall Semester, 1978

August 27, 1978, 10:00 a.m. Sunday-Residence Halls open for new students.
August 28, 8:00 a.m. Monday-Orientation begins for new students.
August 30, 8-9:30 a.m. Registration for new students, College of Liberal Arts; 10-noon-Registration for returning students who did not pre-register, 1:00 p.m. Classes begin.
September 4, Labor Day Holiday.
September 14, 5:00 p.m. Thursday-Last day to add first half and full semester courses. Last day to withdraw from
first half semester and full semester courses without a W appearing on the transcript. Last day to designate a course to
be graded on a Pass/No Credit basis for first half and full semester courses.
September 29, Friday-Last day to drop first half semester courses.
October 16, Monday-All classes and laboratories suspended for the day.
October 20, Friday-Mid-Semester Day. (All classes held as usual.)
November 3, Friday-Last day to add second half semester courses. Last day to drop full semester courses. Last day
to withdraw from second half semester courses without a W appearing on the transcript. Last day to designate a course
to be graded on a Pass/No Credit basis for second half semester courses.
November 20-December 1, Monday-Friday-Academic Advising for Spring Semester.
November 22, 5:00 p.m. Wednesday-Thanksgiving Vacation begins.
November 27, 8:00 a.m. Monday-Thanksgiving Vacation ends.
December 1, Friday-Last day to drop second half semester courses.
December 2, 8:00 a.m. Saturday-Advance Registration for the Spring Semester.
December 12, 10:00 p.m. Tuesday-Classes end.
December 14-19, Thursday-Tuesday-Semester Final Examinations.
December 19, 5:00 p.m. Tuesday-Semester ends; Christmas Vacation begins.
Spring Semester, 1979
January 15, 1979, 8:00 a.m.-12:00 noon, Monday—Registration for Spring Semester, College of Liberal Arts.
Registrations not completed by 4:00 p.m. are subject to a late registration fee.
January 16, 8:00 a.m. Tuesday-Classes begin, College of Liberal Arts.
January 29, 5:00 p.m. Monday-Last day to add first half and full semester courses. Last day to withdraw from first half and full semester courses without a W appearing on the transcript. Last day to designate a course to be graded on a
Pass/No Credit basis for first half and full semester courses.
February 1, Thursday-One hundred thirty-seventh anniversary of the founding of the University.
February 16, Friday-Last day to drop first half semester courses.
March 7, Wednesday-Mid-Semester Day. (All classes held as usual.)
March 16, Friday-Last day to withdraw from second half semester courses without a W appearing on the transcript.
Last day to designate a course to be graded on a Pass/No Credit basis for second half semester courses.
March 16, 5:00 p.m. Friday-Last day to add second half semester courses.
Spring Vacation begins.
March 26, 8:00 a.m. Monday-Spring Vacation ends.
March 30, Friday-Last day to drop full semester courses.
April 13, Friday-Last day to drop second half semester courses.
April 16-27, Monday-Friday-Academic Advising for the Fall Semester.
April 28, 8:00 a.m. Saturday-Advance Registration for Fall Semester.
May 2, 10:00 p.m. Wednesday-Classes end.
May 4-9, Friday-Wednesday-Semester Final Examinations.
May 13, Sunday-Baccalaureate-Commencement; Semester ends 5:00 p.m.

## 1979-1980 Academic Calendar Tentative

August 27, Orientation for new students.
August 29, Registration for new students. Classes begin.
September 4, Labor Day.
November 22-25, Thanksgiving Vacation.
December 11, Fall classes end (finals from Dec. 13-18).
December 19-January 14, Christmas Vacation.
January 15, Spring Semester begins.
March 17-25, Spring Vacation.
April 30, Classes end (finals May 2-7).
May 11, Baccalaureate and Commencement.


## University Buildings Keyed to Map

1. Gatke Hall, 1938, political science and economics, named in honor of Willamette historian and Prof. Emeritus Robert M. Gatke, 1968.
2. Baxter Hall, 1948, coed residence, 60 men, 60 women; named in honor of Dr. Bruce R. Baxter, president of Willamette from 1934-40.
3. Phi Delta Theta national fraternity, 1947, 32 men.
4. Sigma Alpha Epsilon national fraternity, 1949, 32 men.
5. Beta Theta Pi national fraternity, 1947, 32 men.
6. Sigma Chi national fraternity, 1947, 32 men.
7. Kappa Sigma national fraternity, 1961, 32 men.
8. Delta Tau Delta national fraternity, 1962, 32 men.
9. Matthews Hall, 1961, coed residence, 50 men, 40 women; "arts preference" sector. Named in honor of mathematics Prof. Emeritus James T. Matthews.
10. Belknap Hall, 1961, coed residence, 40 men, 30 women; named in honor of Dr. Lewis Franklin Belknap, prominent Methodist minister.
11. University Library, 1938; 156,400 volumes, 25,000 micro forms.
12. Walton Hall, 1967, foreign languages; named in honor of the late financier William S. Walton.
13. Willamette Playhouse, 1923, converted from gymnasium use in 1974 for theatre productions.
14. Maintenance Shops, 1946 and 1969.
15. Bishop Health Center, 1955, 14-bed capacity; named in honor of C.P. and Fannie K. Bishop.
16. Eaton Hall, 1909, classrooms, business and admissions offices; a gift of A.E. Eaton.
17. Smith Auditorium and Fine Arts Building, 1955, 1250-seat auditorium, music and speech department; named in 1970 in honor of President Emeritus G. Herbert Smith who served Willamette from 1942-69.
18. Waller Hall, 1867, classrooms, chapel, auditorium, media center, oldest building on campus named in honor of the Rev. Alvin Waller, a former business agent for Willamette who raised funds for the building.
19. Collins Hall, 1941, with wing addition in 1962; science building gift of lumberman Everell S. Collins; computer center.
20. Art Department Building, 1977, the old College of Music (built 1905) renovated for art gallery, art classes, faculty offices, sculpture and ceramic studies.
21. University House, moved to campus in 1938; administrative offices for alumni, development, information services.
22. Doney Hall, 1955 with wing addition in 1967, residence for 110 women; named in honor of Willamette President (1915-34) and Mrs. Carl Gregg Doney.
23. Lausanne Hall, 1920, coed residence, 50 men, 22 women; graduate and intensive study preference, named for the sailing ship that brought many of the early pioneers to the Oregon Country.
24. Collins Legal Center, 1967, College of Law for 380 students, 70,000 library volumes; named in honor of alumnus, lumberman and former Trustee chairman Truman Wesley Collins.
25. Seeley G. Mudd Building, 1975, Geo. H. Atkinson Graduate School of Administration for 225 students, computer center.
26. York House, 1959, residence for graduate students; named in honor of Emily J. York, the first graduate of Willamette's collegiate division in 1859.
27. Lee House, 1959, residence for 48 men, named in honor of Lucy Anna Lee, only daughter of founder Jason Lee.
28. Putnam University Center, 1970, student affairs, bookstore, publications, lounge, cafeteria, conference rooms, administrative offices; named in honor of Oregon journalist George Putnam.
29. Lestle J. Sparks Physical Education and Recreation Center, 1974, containing the Edwin E. and June Woldt Cone Field House, Chester Henkle Gymnasium, natatorium, handball courts, and other exercise and recreation facilities; named in honor of Prof. Emeritus of PE and tennis coach who has been associated with Willamette since 1916.
30. Willamette International Studies House (WISH), 1965, coed residence, 20 men, 26 women.
31. Alpha Chi Omega national sorority, 1967 (chapter founded in 1944) for 46 women.
32. Delta Gamma national sorority, 1967 (chapter founded in 1945) for 46 women.
33. Pi Beta Phi national sorority, 1963 (chapter founded in 1944) for 46 women.
34. Women's Residence, 1963, for 46 women.

McCulloch Stadium, 1950, 3500-seats at 10-acre athletic field in Bush Pasture Park; a gift of former Trustee chairman Charles E. McCulloch.
Bishop House, acquired 1954, President's home; named in honor of C.P. and Fannie Kay Bishop; house and endowment fund, a gift of the Roy T. Bishop family. Located at 325 Lincoln St., S.
Thetford Lodge, 1963, mountain retreat sleeping 16 on Little North Fork of the Santiam River; gift of former Oregon Governor, journalist and trustee Charles Sprague.

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