The University reserves the right to change the fees, rules, and calendar regulating admission and registration, instruction in, and graduation from the University and its various divisions, and to change any other regulations affecting the student body. Changes go into effect whenever the proper authorities so determine, and apply not only to prospective students but also those who at that time are matriculated in the University. The University also reserves the right to withdraw courses at any time.
University Calendar

SUMMER SESSION, 1967
Registration ........................................... Friday, June 16
Classes begin ........................................... Monday, June 19
Independence Day, Holiday ......................... Tuesday, July 4
Graduate Record Examinations .................... Tuesday, Wednesday, July 11, 12
End of first half of Summer Session ............... Wednesday, July 19
Classes begin, second half session ............... Thursday, July 20
Close of Summer Session and Graduation Convocation ... Friday, August 18

FIRST SEMESTER, 1967-68
Advisement and Registration for Classes and Freshman
  Induction ........................................... Monday, Tuesday, Wednesday, September 18, 19, 20
Classes begin — Day ................................... Thursday, September 21
Registration for Continued Education Classes, ................................. Thursday, September 21, 22
Classes begin for Continued Education Classes ....... Monday, September 25
Latest date to add or enter a class ................... Friday, September 29
Latest date for discontinuing a course without F unless
  work is satisfactory to date of withdrawal .......... Friday, October 13
Latest date for removal of Incomplete grade .......... Friday, November 3
Mid-Semester ........................................... Friday, November 17
Thanksgiving Holiday, begins at 12:00 noon ......... Wednesday, November 22
  Ends at 8:00 a.m. .................................. Monday, November 27
Graduate Record Examinations .................... Tuesday and Wednesday, December 12, 13
Christmas Recess, begins at 8:00 a.m. ............... Wednesday, December 20
  Ends at 8:00 a.m. .................................. Wednesday, January 3
Examinations ........................................... January 25, 26, 29, 30, 31
Last day of the first semester .......................... Friday, February 2

SECOND SEMESTER, 1967-68
Second Semester begins .............................. Monday, February 5
Advisement and Registration for Day
  Classes .............................................. Monday and Tuesday, February 5, 6
Classes begin — Day ................................... Wednesday, February 7

Registration for Continued Education Classes, ................................. Wednesday, Thursday, Friday, February 7, 8, 9
Classes begin for Continued Education ................ Monday, February 12
Latest date to add or enter a course ................. Friday, February 16
Washington's Birthday Holiday ..................... Thursday, February 22
Latest date for discontinuing a course without F unless
  work is satisfactory to date of withdrawal .......... Friday, February 23
Graduate Record Examinations .................... Tuesday and Wednesday, March 12, 13
Latest date for removal of Incomplete grade ........ Friday, March 22
Mid-Semester ........................................... Friday, March 29
Spring Recess begins ................................ Saturday, April 6
  Ends at 8:00 a.m. .................................. Monday, April 15
Memorial Day, Holiday ............................... Thursday, May 30
Examinations ........................................... June 3, 4, 5, 6, 7
Baccalaureate and Graduation Convocation ......... Friday, August 18

SUMMER SESSION, 1968
Registration ........................................... Friday, June 14
Classes begin ........................................... Monday, June 17
Independence Day, Holiday ........................... Thursday, July 4
Graduate Record Examinations .................... Tuesday and Wednesday, July 9, 10
End of first half of Summer Session ............... Wednesday, July 17
Classes begin, second half session ............... Thursday, July 18
Close of Summer Session and Graduation Convocation ... Friday, August 16

FIRST SEMESTER, 1968-69
Advisement and Registration for Day Classes and Freshman
  Induction ........................................... Monday, Tuesday, Wednesday, September 16, 17, 18
Classes begin — Day ................................... Thursday, September 19
Registration for Continued Education Classes, ................................. Thursday and Friday, September 19, 20
Classes begin for Continued Education Classes ...... September 23
Latest date to add or enter a class ................. September 23
Latest date for discontinuing a course without F unless
  work is satisfactory to date of withdrawal .......... Friday, October 11
Latest date for removal of Incomplete grade ........ Friday, October 25
Mid-Semester ........................................... Friday, November 15
Thanksgiving Holiday, begins 12:00 noon ......... Wednesday, November 27
  Ends at 8:00 a.m. .................................. Monday, December 2
Graduate Record Examinations...Tuesday and Wednesday, December 10, 11
Christmas Recess, begins at 8:00 a.m..................Saturday, December 21
       Ends at 8:00 a.m.........................Monday, January 6
Examinations.............................January 23, 24, 27, 28, 29
Last day of the first semester..................Friday, January 31

SECOND SEMESTER, 1968-69
Second Semester begins..................Monday, February 3
Advisement and Registration
       for Day Classes..................Monday and Tuesday, February 3, 4
Classes begin — Day..................Wednesday, February 5
Registration for Continued Education Classes,
       Wednesday, Thursday, Friday, February 5, 6, 7
Classes begin for Continued Education........Monday, February 10
Latest date to add or enter a course........Monday, February 14
Latest date for discontinuing a course without F, unless
       work is satisfactory to date of withdrawal........Friday, February 28
Graduate Record Examinations...Tuesday and Wednesday, March 11, 12
Latest date for removal of Incomplete grade........Friday, March 21
Mid-Semester..................Friday, March 28
Spring Recess, begins..................Saturday, March 29
       Ends at 8:00 a.m..................Monday, April 7
Memorial Day, Holiday..................Friday, May 30
Examinations..................June 2, 3, 4, 5, 6
Baccalaureate and Graduation Convocation........Sunday, June 8

SUMMER SESSION, 1969
Registration..........................Friday, June 13
Classes begin..........................Monday, June 16
Independence Day, Holiday..................Friday, July 4
Graduate Record Examinations...Tuesday, Wednesday, July 8, 9
End of first half of Summer Session........Wednesday, July 16
Classes Begin, second half session........Thursday, July 17
Close of Summer Session and Graduate Convocation........Friday, August 15
General Character

The University of Puget Sound is a privately endowed, liberal arts school with a selective admissions program. The main purpose of the University is to aid men and women in reaching the full measure of their potentialities, not only as leaders in their respective fields, but as citizens in their communities. To this end, depth and diversity of opportunities have been developed to a point that students can be assured a gratifying college experience if they take full advantage of the existing environmental conditions. A balance of educational, cultural, social, and religious activity is present within a Christian framework, but without denominational bias.

The University offers a broad curriculum, yet the number of students in classes and laboratories is limited so that they may enjoy the privilege of close association with numerous faculty members who are recognized authorities in many fields. These faculty members are available for academic counseling as well as providing instruction for incoming students in introductory courses. Courses of study offered lead to bachelor's and master's degrees in the arts and sciences. Professional training and degrees in teaching, music, occupational therapy, business, medical technology, and preparatory courses for students of medicine, law, dentistry, and theology are also offered.

The curriculum provides additional opportunities which include, in part, extensive co-curricular activities in drama, music, forensics, speech, and intercollegiate and intramural athletics. Student Government, living groups, and numerous student clubs and organizations extend continuous opportunities for men and women to develop further their interests and talents to make each day an exciting educational experience.

ACCREDITATION

The University of Puget Sound is accredited by the Northwest Association of Secondary and Higher Schools, an accreditation recognized by all other regional accrediting associations of the United States.

For particular work in the professional fields, the University is accredited by the American Medical Association, the American Occupational Therapy Association, the National Council on Accreditation of Teacher Education, the University Senate of the Methodist Church, the National Association of Schools of Music, the American Association of University Women, the American Chemical Society, and the Washington State Board of Education. In addition, the University is a member of the American Association of Colleges for Teacher Education.

SUPPORT AND RESOURCES

The University is supported by income from endowment and tuition as well as by gifts from individuals and educational foundations. In 1916, an endowment of a quarter-million dollars was completed through the James J. Hill Grant. By 1932 an additional million dollars had been added to the general endowment fund. The University at present has an endowment of approximately five million dollars and total assets worth 22 million dollars.

ENROLLMENT

With an excellent faculty, well-planned facilities, and limited enrollment, the University of Puget Sound is interested in growing only as quality instruction and facilities can be provided to insures continued excellence. At present, approximately 2200 full-time students are enrolled, representing forty-five states and twenty-two foreign countries.

HISTORY

The University of Puget Sound was founded on March 17, 1888, by the Puget Sound Annual Conference of the Methodist Episcopal Church with the authorization of the Territorial Government. When the doors of the University of Puget Sound opened for its first class, eighty-eight students began their academic and college life. The curriculum, in harmony with that of other colleges of the day, offered classical and science courses.

The academic work of the University of Puget Sound was a success from the very beginning. Building and development posed the biggest problems in the early days of the University's history. In 1897 the University changed from a three- to a four-year institution. When near financial catastrophe reared its head at the turn of the century, loyal support, strong interest, and hard work was offered by many individuals to insure the continued operation of the University. In 1903, the University moved to a new location at 6th and Sprague, and 275 students registered for fall semester.

The selection of Dr. E. H. Todd as President of the University, in 1914, was the beginning of twenty-nine years of dedicated leadership. During Dr. Todd's first year as President, the University was reorganized as a college of liberal arts and assumed the name College of Puget Sound. A few years later the threat of World War I led to the offering of military training for the first time in the school's history.

After years of deliberation and planning, a new site was selected for a permanent campus and May 22, 1923, was Ground-Breaking Day for Jones Hall. During "the golden year of 1923," Howarth Hall and the Girls' Gym also began to take shape. These facilities were sufficient until 1939, when in-
creased enrollment from outside the community produced a need for dormitory facilities and Anderson Hall was constructed. By 1941, the surge in student activities and the growth of resident student population stimulated the building of a new Student Center.

The year 1942 marked the beginning of a progressive era at the College of Puget Sound as Dr. R. Franklin Thompson took over the reins as President. When the United States was again confronted with war, many men interested in securing a college education were forced to replace books with guns and for a few years the College became primarily a girls' school. When the war ended, veterans poured back to the campuses all over the country and the College of Puget Sound experienced a rise in student enrollment which led to an extensive building program spearheaded by Dr. Thompson. The immediate needs called for a men's dorm. Todd Hall was constructed in 1947 and the Fieldhouse in 1949.

Since 1950, construction workers and equipment have been a common sight on the University campus. Four dormitories, the President's Home, the Library, a new Music Building, and a Student Center were completed during the '50s. This subsequent growth and diversity of educational offerings brought about the need for a University structure, and the College again became a University on January 1, 1960.

By the fall of 1965 eight unique men's housing units, two women's dormitories, a football stadium and a new Business Administration building, McIntyre Hall, had been added. Under construction, to be completed in January 1967, is Kilworth Chapel. A complex of three buildings for science, to be known as R. Franklin Thompson Hall, will be ready for use in the fall of 1968.

AIMS

The aim of the University of Puget Sound is to be a great institution where scholarly activities will flourish, where minds will be awakened and stimulated, where people will grow in knowledge and in ability to think, create, and communicate and where they will be inspired to use their talents in a constructive manner. To this end the University is dedicated to "the promotion of learning, good government, and the Christian religion."

UNIVERSITY CENTERS

These centers, located at Fort Lewis, McChord AFB, and Madigan General Hospital offer resident credit courses and bachelor's degree programs for military personnel, military dependents, Defense Department employees, and "Bootstrap" participants.
The University of Puget Sound is located in the residential area of Tacoma (population 154,000) and occupies 31 Tudor-Structures conveniently spaced over the campus of 70 acres of attractive lawns and natural woods. The campus is located a short distance from the shores of Puget Sound and the Pacific Ocean, as well as the ski slopes of the Cascade and Olympic Mountains.

LEGEND

1. Jones Hall
2. Collins Library
3. President's Home
4. Music Building
5. Howarth Hall
6. Student Center
7. Kittredge Hall
8. Harrington Hall
9. Anderson Hall
10. Langdon Hall
11. Tenzer Hall
12. Todd Hall
13. John D. Regester Hall
14. Cottage
15. South Hall
16. Women's Gym
17. Tennis Courts
18. Baseball Field
19. Athletic Fields
20. Memorial Fieldhouse
21. Hugh Wallace Pool
22. Kappa Sigma
23. Sigma Nu
24. Sigma Alpha Epsilon
25. Sigma Chi
26. Phi Delta Theta
27. Theta Chi
28. Beta Theta Pi
29. Phi Gamma Delta
30. South Women's Dorm
31. Helen Harrington Schiff Hall
32. Baker Stadium
33. McIntyre Hall
34. Kilworth Chapel
35. R. Franklin Thompson Hall
Admission

The University of Puget Sound is engaged in a program of planned growth growing in enrollment only as quality instruction and facilities can be provided to assure excellence. Since present enrollment is limited, each student will necessarily be admitted on a selective basis with special emphasis on the student’s ability to successfully meet the academic demands of our faculty, the competitive level of our student body, and the individual adjustment necessary within the campus environment.

Students who formerly attended the University of Puget Sound, but who did not attend the previous semester (not including summer sessions) are considered as readmission applicants with advanced standing and are required to file an application for admission. Please refer to the section “Admission to Advanced Standing” for further information.

ADMISSION TO THE FRESHMAN CLASS

The primary criteria for admission include scholastic records, counselor’s recommendations, and the College Entrance Examination Board Scholastic Aptitude Test scores. There are no arbitrary entrance requirements, such as required grade-point-averages, test-scores, or specified high school units. Each applicant is given individual consideration, and a careful evaluation of the total student record determines the probability of success at the University.

High school students are urged to apply for admission to the freshman class immediately following the completion of the first semester of their senior year (with the exception of Early Decision Plan Candidates). Applications received after July 1 will be considered only if space is available.

Candidates for spring semester admission should complete their application the preceding fall, and no later than January 1.

A certificate of admission is issued to each candidate as a notification of acceptance. This certificate is issued provisionally pending the receipt and approval of an official transcript showing the successful completion of the units required for high school graduation.

An advance tuition payment of $75.00 is required for each student and is due and payable upon receipt of the certificate of admission. Room reservation cards are included with the certificate of admission for students who are not residents of Tacoma. Local students, however, may request dormitory housing. $25.00 advance room payment should accompany the return of the cards.

The advance payments are not refundable if the request for cancellation reaches the University after July 1.

Admission to the University allows students to register in courses only for the semester stated in the certificate of admission. The University may refuse admission in successive semesters if a student has not shown reasonable adjustment to university life.

In making application for admission to the University of Puget Sound, freshman applicants are required to submit the following credentials to the Director of Admissions:

1. A formal application for admission made on the Washington uniform application for admission to higher institutions.
   This form may be obtained from the UPS Admissions Office or from high schools in the state. The Personal Information section should be completed and returned to the high school where the transcript of high school record and the counselor’s recommendations are to be added. The high school will then send the completed form directly to the Director of Admissions.

2. Scores made on the College Entrance Examination Board Scholastic Aptitude Test after the junior year of High School. Candidates are responsible for making arrangements to take the CEEB test in December, January, March or May. The December test is preferred. Well in advance of test dates, a copy of the CEEB Bulletin of Information should be obtained from the high school office or from the proper office of the CEEB. The Bulletin contains an application form and information concerning registration, dates, fees, test centers, reports, and the administration of the test.
3. A $10 application fee, required at the time of initiating application, must be mailed to the Director of Admissions. This fee is a handling charge and is not refundable. All candidates will be officially notified as soon as the application is completed and acted upon. The University subscribes to the National Candidates Reply Date, May 1, and does not require any candidate to commit himself to accept an offer of admission before this date. The University expects to receive candidates' decisions and advance payments in early May, immediately following Candidates Reply Date.

EARLY DECISION

Students whose high school records and College Board Examination scores demonstrate that they are clearly admissible may apply for admission to the University of Puget Sound following the close of their junior year in high school. Any student who has established a "B" average will be considered under the Early Decisions program and applicants will be asked to certify that the University of Puget Sound is their first choice. The candidate reply date deadline is February 1.

The College Entrance Examination Board Scholastic Aptitude Test may be taken in either March, May or July of the junior year or December of the senior year. Complete credentials—high school application, SAT results and $10 application fee—may be presented in the Admissions Office at any time following the close of the junior year. Candidates applying for admission under this plan, who also desire to be considered for scholarships and/or other financial aid, must file the Parents' Confidential Statement application form at the same time.

Announcements of Early Decision admissions will be made as soon as application is acted upon. If a candidate is admitted under this plan, an assurance of admission will be given with the understanding that high school work will continue at the same level. Accepted students will deposit with the University an advance tuition payment of $75 and, for those who plan to live on campus, a $25 advance payment on board and room.

Students not granted admission under this Early Decision Plan will be notified of this, and will then be considered with regular applicants.

UNIVERSITY SCHOLARS

University Scholars are awarded a limited number of entering freshmen on the basis of high academic achievement in high school. Certificates are presented such students at the time of their graduation and recognition of this honor is accorded them during their first semester at the University.
University Scholars also offer the following opportunities:
1. Placement in advanced courses of study where appropriate;
2. Preference for admission to the University Honors Program at the end of the first semester at UPS. (See Honors Program)

**ADVANCED PLACEMENT**

The University of Puget Sound participates in the program conducted by the College Entrance Examination Board and conducts a supplemental program for all freshmen interested in challenging any introductory course for advanced placement and/or credit. Scores of 5, 4, and 3 made on the CEEB Advanced Placement Tests are one basis of advanced placement and consideration for degree credits at the University of Puget Sound, although each department establishes its own basis for measuring results. Where granted, credit will be given in an amount equal to the credit in the respective subject fields.

 Qualified students should consult their high school counselors for details concerning the CEEB Advanced Placement Program. Information regarding the UPS program will be forwarded to all accepted freshmen. A student is required to pay for each test, but is not limited in the number of exams he wishes to take.

**ADMISSION TO ADVANCED STANDING**

Students who have attended other accredited colleges or universities, and former students of the University of Puget Sound, may apply for admission to advanced standing. Each advanced standing student will necessarily be admitted on a selective basis. Applications from qualified students will not be considered after August 1 unless space is available and time permits. Applications for spring semester should be completed by January 1.

Admission will be granted on the conditions set forth below:
1. An applicant must have on file with the Director of Admissions of the University of Puget Sound, an application for Advanced Standing, an official copy of his High School Record, an official transcript of his record from each college or university attended (including any work in progress) and a $10.00 application fee. Such transcripts must be sent by these institutions directly to the Admissions Office, not by way of the student.

2. The applicant must present a certificate of honorable dismissal from the last-attended institution. No exception will be made to this condition. (Certification of the status of dismissal is ordinarily included on an official transcript.)

3. An advance tuition payment of $75.00 is required of each new student and is due and payable upon receipt of the certificate of admission. Room reservations are included with the certificate of admission for students not living in the Tacoma area, and a $25.00 advance room payment must accompany the return of these cards. These advance payments are not refundable if the request for cancellation reaches the University after July 1.

Assignment of advanced standing will be made following evaluation of the student’s transcript subject to the following considerations:
1. A certificate for admission is issued to each candidate as notification of acceptance. A certificate is issued provisionally pending receipt and approval of an official transcript showing successful completion of any academic work that a student may have in progress.
2. Advanced standing assigned to any student will be tentative until one subsequent semester of normal enrollment has been completed satisfactorily. At that point the advanced standing may be accepted toward graduation as part of the student’s permanent record.
3. Credit from accredited junior colleges will be accepted but not to exceed sixty semester hours plus four physical education credits.
4. Credit for extension or correspondence courses will be accepted but not to exceed fifteen semester hours. Such credit will be considered only from accredited institutions having organized departments for extension and correspondence study, and on condition that courses taken after a student is admitted to the University have been approved by the Registrar at the time of enrollment.

5. A student eligible for junior or senior standing must indicate his choice of major subject when submitting transcripts of previously attended schools.

ADMISSION OF FOREIGN STUDENTS

In addition to the completion of regular admission procedures, all foreign students must:

1. Provide examination results for English proficiency (The specific examination will be designated by the Admissions Office at the time the student applies for admission.)

2. Submit with their applications evidence that sufficient funds will be available to cover their travel, academic and living expenses, either through authorization to convert the currency of their countries into dollars or from sources available in the United States.

Foreign students must not depend upon earnings from employment in the United States nor upon anticipated financial assistance nor scholarship grants from the University for any significant portion of their total expenses, particularly during the first two years of their attendance at the University. Furthermore, each foreign student is required to have a responsible sponsor in the United States who is willing and able to grant him financial aid as needed.

ADMISSION OF VETERANS AND ORPHANS OF VETERANS

The University of Puget Sound is approved to provide training under appropriate United States Codes: 1./ Chapter 31, Veterans Vocational Training and Rehabilitation Act (Public Laws 894 and 87-815); 2./ Chapter 34, Veterans Readjustment Benefits Act of 1966 (G.I. Non-Disability Bill); and 3./ Chapter 35, War Orphans Educational Assistance Act.

Any veteran, or orphan of a veteran, planning to be admitted to the University of Puget Sound must secure written approval from the Veterans Administration, Regional Office 3046, Sixth and Lenora Streets, Seattle, Washington. Admission to the University of any veteran, or orphan of a veteran, will be under the same procedure as prescribed for other students, and they must complete the University requirements for admission to the freshman class or to advanced standing at least one month prior to the beginning of classes. In some cases, arrangements are made between the Veterans Administration Office and the Office of Admissions of the University to admit certain veterans as special students.

1./ Veterans who plan to enter the University for training under the Vocational Training and Rehabilitation Act (Public Law 894 or 87-815) must secure from the Seattle Office of the Veterans Administration a signed form entitled "Authorization of Entrance or Re-entrance into Training" to be submitted to the Secretary for Veterans Affairs, Room 111, Jones Hall, before being allowed to go through Registration at the beginning of the first semester of each academic year or at the beginning of the first semester of attendance. This authorization allows payment to be made by the Government directly to the University for tuition, fees, books and supplies for the veteran. In lieu of this Authorization Form the veteran will be required to follow the standard instruction regarding settlement of financial obligations as outlined elsewhere in this Bulletin under the heading "Payments."

2./3./ Students enrolled under either the Veterans Readjustment Benefits Act of 1966, or the War Orphans Educational Assistance Act will receive a monthly check directly from the Veterans Administration, the amount depending upon the number of credit hours taken. From this check the student pays for his own tuition, fees, books and other expenses and is expected to follow the standard instruction regarding settlement of financial obligations outlined elsewhere in this Bulletin under the heading "Payments." Veterans, or children of veterans, who qualify for the Veterans Readjustment Benefits Act of 1966, or the War Orphans Educational Assistance Act, should make application to the Seattle Office of the Veterans Administration well in advance of registration at the University. Upon receipt of a "Certificate of Eligibility for Education and Training" from the Veterans Administration, the prospective student should contact the University Veterans' Adviser, Registrar's Office, Room 12, Jones Hall. This procedure is necessary before the student will receive any payment from the Government.

ADMISSION TO GRADUATE SCHOOL

Applications for graduate study are first submitted to the Admission Office then are processed by the Office of the Dean of the Graduate School. Specific instructions and courses of study are outlined in the Graduate School Bulletin.

Candidacy for the Master's degree is administered in the Graduate School. Persons who have academic degrees may be accepted by the Admissions Office for enrollment in courses to serve a variety of interests. Such enrollments do not constitute admission to the Graduate School. Requests for the Graduate School Bulletin and application forms may be made to the Dean of the Graduate School.
GRADUATE DIVISION AND DEGREES

Study to the Master's level is offered by the University of Puget Sound. Candidates are admitted in the fields of art, biology, business administration, chemistry, economics, education, English, history, and music, and under some conditions in Romance Languages, philosophy and psychology. Courses in some other departments may be combined, as a minor, with concentration in one of the subjects named.

The degrees offered by the Graduate School are Master of Arts, Master of Science, Master of Business Administration, Master of Education, Master of Music, Master of Fine Arts, and Master in Science Teaching.

ADMISSION TO EVENING CLASSES

Students may attend Continued Education classes in the late afternoon and evening as a non-matriculant without being accepted by the Admissions Office. Registration dates and procedures are specified in the Continued Education Bulletin.

Evening school students who wish to enroll in day classes must apply for admission as a regular student. Credits earned in the evening program will apply toward a degree when student is accepted as a regular matriculant.

ADMISSION TO SUMMER SCHOOL

Summer school courses may be entered with either non-matriculant or regular student standing. Students previously enrolled in other universities must submit an official statement of good standing. Degree candidates and applicants for teacher certification must complete the regular application procedures outlined previously in this catalog.

Summer session catalogs may be requested from the Office of Admissions. All summer session students wishing to continue for fall semester day classes must notify the Admissions Office prior to the end of summer session.

ADMISSION TO OFF-CAMPUS CLASSES

Personnel affiliated with the Armed Forces may enroll in University of Puget Sound courses taught at Fort Lewis, Madigan Army Hospital and McChord Air Force Base. Registration and class schedules are available through the Education Office at each base. Off-campus courses earn regular credit and are transferable.

Military personnel seeking an official evaluation of their education and military credits may apply to the Admissions Office of the University of Puget Sound. Official records of all credits, an application for advanced standing, and a $5 evaluation fee must be submitted before an evaluation can be made. Candidates for a degree and those applying for financial assistance under the G.I. Bill must complete the regular application procedures for admission.

Registration

ADVISORY SYSTEM

When admitted to the University, each student is assigned to a member of the faculty who acts as his academic adviser. The student's registration for each semester must be approved by this adviser.

After the student has chosen a major subject, the head of instruction in that area assigns his academic adviser. Each subsequent registration must be approved by this new major adviser. This service will not release the student from personal responsibility for satisfaction of general requirements for graduation as stated in the catalog under which he entered. Fall advisement for Freshmen is by appointment in advance of registration dates.

REGISTRATION DAYS

Dates for registration for each session are listed in the University calendar in the front of this catalog.

LATE REGISTRATION

Late registration will be at the convenience of the faculty and registration officials. An extra fee is charged for all late registrations.

ACADEMIC LOAD

To obtain full-time status, a student must be enrolled in 12 or more semester hours. The normal enrollment for a student will be 15 credit hours and a physical education activity.

ACADEMIC OVERLOAD

Students planning to enroll in 17 or more hours must secure approval of their registration from the Registrar. (See page 19 for overload fees)

ATTENDANCE

A student is expected to be punctual and attend regularly all classes and laboratory periods in which he is registered. Absences are counted from the first day of the college term, not from student's personal registration.

All work missed by reason of absence, regardless of cause, must be made up. A student's membership in a class may be discontinued for frequent tardi-
ness or absence. An instructor may report a student to the Registrar's Office for cancellation of registration in a particular course when the total number of absences from it exceeds twice the number of class meetings per week. Unless a student secures reinstatement on grounds satisfactory to the Dean of Students and to the instructor, a grade of F will be given for the course.

CHANGE OF REGISTRATION

The student's choice of studies, once made and filed with the Registrar, is expected to be permanent. If a change becomes necessary, the student must report to the Registrar's Office for appropriate forms and instructions.

After the second week of class meetings, courses may be dropped but none added. After the date listed in the college calendar a student who withdraws from a course in which his standing is below C will have a record of WF (Withdrawal Failing). Courses discontinued without proper withdrawal will be graded WU (Withdrawal Unsatisfactory).

Courses graded WF or WU will be counted as failing grades in computing a student's grade point average.

WITHDRAWAL

A student may terminate his registration by completing a withdrawal form available in the Registrar's Office. Conditions regarding withdrawal are the same as those concerning change of registration. Failure to complete the semester does not cancel the student's obligation to pay tuition and all other charges in full. Refer to "Expenses and Fees" section of this catalog for details regarding refunds and adjustments.

Courses discontinued without proper withdrawal will count against the student when he seeks readmission.

CHANGE OF ADDRESS

A student must notify the Registrar's Office and the Cashier's Office of any changes in local and permanent home addresses.

Degrees Offered

The degrees of Bachelor of Arts and Bachelor of Science are given for completion of undergraduate programs in arts and science. Bachelor of Arts in Business Administration, Bachelor of Arts in Education, Bachelor of Arts in Physical Education, Bachelor of Science in Occupational Therapy, Bachelor of Science in Medical Technology, Bachelor of Fine Arts, and Bachelor of Arts or Science in Home Economics are offered in more specialized or applied curricula. The degree of Bachelor of Music will be given to students who major in fields of music other than literature.

The Bachelor of Education degree is granted to students who hold an A.B. or B.S. degree from an accredited college or university, and who meet residence and specific course requirements at the University of Puget Sound. A minimum of thirty hours in residence and the development of a new major is required between baccalaureate degrees.

The University also offers work leading to the degree of Master of Arts, Master of Science, Master of Science Teaching, Master of Education, Master of Business Administration, Master of Fine Arts, and Master of Music.

The requirements for each of the degrees are prescribed either below or in the Graduate School Bulletin. Applications for candidacy for a degree must be made not later than the first semester of the year in which such degree is sought.
**Credits and Grades**

**CREDIT HOURS**

For each course of study successfully completed a student receives a number of credit hours, usually equal to the number of standard-length class meetings per week. For example, a class which meets three times a week through a semester gives three credit hours. Lecture or recitation meetings are fifty minutes long. An average of two hours of preparation for each class meeting is necessary for good class performance. Credit for laboratory periods is counted on the basis of one credit hour for two or three hours of laboratory work.

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**CLASSIFICATION OF STUDENTS**

Freshman Standing—A student who has satisfied all entrance requirements has freshman standing.

Sophomore Standing—A student who has completed at least 24 credit hours and 48 grade points has sophomore standing.

Junior Standing—A student who has completed at least 55 credit hours and 110 grade points has junior standing.

Senior Standing—A student who has completed at least 84 credit hours and 168 grade points has senior standing.

Graduate Standing—A student holding a Bachelor's degree from an accredited college or university must be specifically accepted into the Graduate School to have graduate standing.

Special Standing—A student who has not satisfied entrance requirements for regular class standing or who wishes to audit courses listed in the day class schedule has special standing. Admission must be approved by the Admissions Office and validated prior to each semester.

Non-Matriculant Standing—A student who has not applied for admission but enrolls in Summer Session, Community Service or University Center courses will be given non-matriculant standing.

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**GRADE REPORTS**

Reports of the standing of a student in each course are made to the Registrar at mid-semester, and unsatisfactory conditions are immediately considered by the student's adviser and the Deans. Each student is notified of unsatisfactory conditions, and, when warranted, the parents of the student are also informed.

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**SYSTEM OF GRADING**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points Per Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Unusual Excellence</td>
</tr>
<tr>
<td>B</td>
<td>Superior</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
</tr>
<tr>
<td>D</td>
<td>Passing</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
</tr>
<tr>
<td>AU</td>
<td>Audit</td>
</tr>
<tr>
<td>W</td>
<td>Satisfactory at Withdrawal</td>
</tr>
<tr>
<td>WF</td>
<td>Unsatisfactory at Withdrawal</td>
</tr>
<tr>
<td>WU</td>
<td>Unofficial Withdrawal</td>
</tr>
</tbody>
</table>
A student is reported Incomplete in a course only when his work has been generally good and the instructor considers that additional time is warranted for a specific piece of work which was missed or unfinished. To secure credit, work must be completed not later than six weeks after the beginning of the next semester. Incomplete grades not removed by that deadline will be graded "F."

Students in the sophomore, junior and senior year will be permitted to take one course each semester to be graded Pass or Fail. If a student's grade is Pass, he will be given credit for the course to be included in his total hours of credit but eliminated from the calculation of his overall grade point average. If a student's grade is Fail, it will be included in the calculation of his grade point average. Pass-Fail grades may not be given in courses taken to satisfy general university requirements or in courses in a student's major or minor field, except in Independent Research.

Election to be graded Pass-Fail must be made when the student registers for a course. The Pass-Fail option will be made available to students beginning with the 1967-68 academic year. A review and evaluation of the system will be made by the Academic Standards Committee after it has been available to students for two years.

SPECIAL EXAMINATIONS

A student who is absent from an examination or test may take a special examination or test only if his absence is excusable. A student must obtain permission from the instructor to take a special test or examination.

Graduation Requirements

A. GENERAL REQUIREMENTS

1. Undergraduates working for degrees in any school or department of the University must take courses in each of the fields listed, as specified below:
   a. English Composition: three credit hours.
   b. Natural Science: a one-year laboratory course in a biological science and a one-year laboratory course in a physical science, except that, if a student has completed a unit of either type of science in high school, he may satisfy the requirement by a one-year course in the other type; and, if he has completed a unit in each, he may satisfy the requirement by one year of any laboratory science or Mathematics through Mathematics 122.
   c. Social Studies: not less than nine semester hours which may be met from the following courses: Economics 101, 102, 305, 341, 409, 410, and 412; History—all courses; Political Science 100, 101, 291, 292, 321, 413 and 414; Psychology 201, 202, 342, and 381; Sociology 111, 201, 202, 301, 302, 381 and 401. A student majoring in Economics, History, Political Science, Psychology, or Sociology must fulfill the nine hours of general college requirements from the social science areas outside his major.
   d. Humanities: not less than nine semester hours, including three semester hours in religion selected from these Religion courses: 105, 201, 202, 251, 252, 305, 463. Humanities requirements may be met by Art 107, 324, 328, 424, 425, 426, English literature, courses in literature or in national culture in the foreign languages, Music 103, 104, 115, 503, 504, Philosophy, Religion 105, 201, 202, 251, 252, 305, 363, 364, 463, 482, Mathematics 151, and Speech 392, 397.
   e. Physical Education: four semester hours of activity courses, with a maximum of one credit in any semester. Male students may substitute two semesters of Aerospace Leadership Laboratory for one of the four hours of P.E. credit.

2. Not later than the end of the sophomore year each student shall declare a field of specialization, or major subject, and shall secure approval of the choice from his adviser or the head of the department in which the major falls. The major shall contain not less than twenty-four semester hours, with not less than twelve hours above sophomore level. Work of a D grade may not count as part of the major. A comprehensive examination in the major subject must be taken near the end of the senior year.

3. Most students will also choose a second field of specialization, or minor subject, in which not less than fifteen semester hours shall be taken. The minor subject must broaden the student's study rather than intensify his specialization, and may not be in the same field as the major subject. The choice of the minor subject must be approved by the head of the department in which the major falls. Work of a D grade may not count as part of the minor. No minor is required with a double major.

4. A total of not less than one hundred and twenty-four semester hours, of which not less than forty are above the sophomore level.

5. All students will be assigned an adviser who must be consulted about any change of program. Students must not change advisers without the adviser's consent and subsequent recording of the change in the Registrar's office.
B. SPECIAL REQUIREMENTS

1. For degrees of Bachelor of Arts and Bachelor of Science:
   a. Candidates for the Bachelor of Arts or Bachelor of Science degree must choose a major in a department in Arts and Sciences. For the A.B.: art, economics, English, French, German, history, mathematics, music, philosophy, political science, psychology, religion, social science, sociology, Spanish, speech and drama, or one of the sciences. For the B.S.: biology, chemistry, geology, mathematics, or physics.
   b. Candidates for these degrees must complete two years in one foreign language, or show by placement tests a knowledge of a foreign language at the level of such completion. Students with four years or more of the language in high school should take the placement tests to give evidence of having fulfilled this requirement. Students with one or more years of a foreign language in high school should take placement tests to determine on what level they may continue that language, if they wish to do so, in the University.
   A student who has had two years of a language in high school (ninth to twelfth grades) may not receive college credit for that language in a 101 course; a student with three years may not receive college credit in a 102 course, or with four or more years in a 201 course.
   c. Candidates for the B.S. degree must complete the following courses: Chemistry 101, 102, or 111, 112, Mathematics through 122, and Physics 201, 202, or 211, 212 (except for majors in biology who have had a year's course in physics in high school or an equivalent). The foreign language chosen for the B.S. degree must be French, German, or Russian, with the provision that students majoring in Chemistry must elect German.

2. Special degrees:
   Students who select majors in business administration, elementary education, home economics, occupational therapy, or physical education will be candidates for special degrees. These include B.A. in Business Administration, B.A. in Education, B.A. in Home Economics, B.S. in Home Economics, B.S. in Occupational Therapy, and B.A. in Physical Education.
   Candidates for degrees of Bachelor of Science in Medical Technology, Bachelor of Music, or Bachelor of Fine Arts should consult the parts of the catalog which deal with the particular field or curriculum involved.

C. MINIMUM RESIDENCE

To be recommended for graduation from any curriculum, a student must have been in attendance at the University of Puget Sound at least two semesters, or equivalent, and present a minimum of thirty semester hours, six of which must be in the major.

In the case of students who spend only one year in residence, this must be the senior year; in all other cases, except as hereinafter provided, the last fifteen semester hours must be completed in residence.

After completing ninety semester hours, which include the specific requirements and four physical education credits, at the University of Puget Sound, a student may transfer to a professional school and upon completing work in the professional school equivalent to the additional thirty hours required be awarded a degree from this University. An application for a degree under these conditions must be made to the Registrar at the beginning of the student's junior year and be accompanied by an approved statement of his proposed plan of study in both institutions.

D. GRADUATE RECORD EXAMINATIONS

The University administers the Graduate Record Examinations to its senior class. These examinations give a rating on national standards in general education and in the major subject. The examinations must be taken by all students in the senior year.
E. CREDIT HOUR AND GRADE REQUIREMENTS

Earnest application to the academic program is expected from each student. The minimum qualification for graduation is 124 semester-hours of credit, of which not more than four are for physical education activities, with cumulative grade point average of not less than 2.00 for all work attempted.

If a student earns in any session a grade-point average less than 1.75, he will be on the scholastic probation for the next session of college attendance. Should he earn a grade-point average less than 1.75 in a probationary session, he will not be permitted to re-register except by special action of the Admissions Committee.

To be in good academic standing a student must maintain a minimum cumulative grade point average of 2.00. Any student whose record falls below this average will receive a warning notice and his record will be reviewed by University officials. As a result of the review he will be granted academic dismissal or the privilege of continued enrollment.

A student on probation is not eligible to hold office in student organizations, to participate in inter-school activities, to be pledged or initiated into a social fraternity or sorority. (See Eligibility Rules on page 102).

F. THE UNIVERSITY OF PUGET SOUND HONORS PROGRAM

The three major goals of the University Honors Program are: 1. to provide superior students with greater depth and breadth in course offerings supplemented by weekly colloquia and dinner programs, 2. to continually improve the academic climate of the whole university by means of the experimentation and innovation which may occur in the program and the contagion of ideas transmitted by honors scholars to their peers, 3. to deliberately combine the attitudes and values associated with specialization and generalization (commitment and openness) in order for the student to progressively improve the qualities of discernment and critical value judgments which determine his character.

Membership in the program is limited. Nominations are made at the end of the first semester by faculty members on the basis of classroom performance and high school records; appropriate measures of non-intellective factors are taken into consideration as well as the results of personal interviews and the student's own initiative. Once designated an Honors Scholar a student remains in the program as long as he wishes.

A student in the program participates in the weekly colloquia and Wednesday evening dinner programs during the second semester of his freshman year through one semester of his junior year. It is hoped that many honors students will spend a junior semester abroad or on another campus in the semester away-USA exchange program. During the two semesters of the senior year the student will complete his major and minor and enjoy the freedom of the Independent Research which culminates in the writing of a thesis and defending it before a faculty committee.

G. GRADUATION WITH UNIVERSITY OR DEPARTMENTAL HONORS

University Honors are accorded participants in the Honors Program who have completed their work with unusual excellence and other students with commensurate academic records (unusual excellence) and with breadth of course work (at least forty hours in the college of arts and sciences). Departmental Honors are accorded students of unusual excellence in a particular school or department and whose work in other departments of the University is of superior quality.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF EDUCATION

The degree of Bachelor of Education will be granted under certain conditions to students who hold an A.B. or B.S. degree from an accredited college or university and who have completed the requirements of the Washington State Board of Education for a certificate to teach in the public schools. The detailed requirements are listed in the School of Education section.

Expenses and Fees

GENERAL POLICY

The Administrative officers of the University firmly adhere to the concept that the development of a strong sense of financial responsibility constitutes an important and integral part of the total educational process. A student's official registration represents a contractual agreement between himself and the University which may be considered to be binding upon both parties, and every student is presumed to be familiar with the schedule of fees and other matters pertaining to financial policy and regulations published in this catalog.

The University of Puget Sound seeks students who conscientiously and sincerely desire to prepare themselves adequately for the responsibilities of life; for this reason, lack of sufficient funds to defray college expenses should not, in itself, discourage otherwise qualified students from applying for admission. Financial assistance in the form of scholarship grants, guaranteed
employment and various types of loans is available and should be seriously considered by a student in making his long-range plan for financing his college education. The various forms of financial assistance are described in greater detail elsewhere in this catalog (see Index). As a general rule, however, it is expected that students enrolling for the first time at the University will be prepared to pay at least the first semester's expenses with their own funds.

The University reserves the right to cancel the registration of any student who fails to meet his financial obligations when such action is deemed to be in the best interest of the University. Such action does not, however, cancel the obligation on the part of the student. The University further reserves the right to withhold grades, statement of honorable dismissal, transcript of records, or diploma until all University charges have been paid and a student's account has been cleared.

Registration is not officially completed until all financial arrangements have been cleared at the Controller's Office.

The University reserves the right to change the fee schedule and the tuition, room, and residence hall rates for a given semester without prior notice. After the beginning of a semester, no change will be made to affect that semester.

**ESTIMATED EXPENSES**

Students contemplating attendance at the University of Puget Sound may form some conception of their total yearly expenses by the following estimate of expenses:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$1,150.00</td>
</tr>
<tr>
<td>Room and Board</td>
<td>800.00</td>
</tr>
<tr>
<td>General Fee</td>
<td>85.00</td>
</tr>
<tr>
<td>Books and Supplies</td>
<td>100.00</td>
</tr>
</tbody>
</table>

Estimated expenses amount to $2,135.00 for an academic year of nine months. This total does not include expenses such as clothing, travel, or the summer vacation. Fees may be higher than the sum specified, if students elect courses for which special instruction or services are necessary. Personal expenses will vary with personal tastes and habits.

The University of Puget Sound follows a long-established policy, recognized by practically all other colleges and universities, to the effect that semester charges are to be paid in full at the time of registration each semester. Students who will receive financial assistance in the form of scholarships, grants, or loans will have made the necessary arrangements well in advance of their registration. Students who find it difficult to pay all their semester charges from personal funds, or from a combination of personal funds and financial assistance, may apply for one of the following deferred payment plans:

**Plan A** — One-half of the total charges for the semester may be paid on or before the date of registration; and the balance, after deduction of any promised loan or scholarship, in three equal payments on or before the 5th day of November, December, and January in the fall semester, and the 5th day of March, April, and May in the spring semester. Students who elect this plan of payment should have available at the beginning of each semester a minimum of $650.00 in order to make the initial payment and to provide for books and incidental expenses, which are not included in determining the total charges. The initial payment at registration may be reduced by the amount of any advance cash payment previously credited to a student's account. A deferred payment fee of $5.00 each semester is assessed for this plan.

**Plan B** — Payment of the total charges for tuition, general fee, room, and board for the nine-month academic year may be divided into twelve equal monthly payments beginning not later than June 5 preceding the student's enrollment in classes at the University and ending on May 5 of the following calendar year. Inquiries regarding this plan should be addressed, prior to June 1, to:

**The Controller**
University of Puget Sound
Tacoma, Washington 98416

A deferred payment fee of $5.00 is assessed for this plan, covering the twelve-month payment period.

The University may reject an application for deferred payment for any reason. All deferred payment agreements are subject to review and final approval by the Controller and may be modified or cancelled if payments are not made promptly when due, or at any other time when, in the judgment of the appropriate University officials, sufficient justification for such action exists.

Part-time students not living in the University residence halls who are enrolled in day or evening classes totaling less than 6 semester hours of credit are expected to pay tuition and fees in full at the time of registration.

A promissory note may be required at the time of registration to cover the unpaid balance of the student's account. All such notes must be paid within the semester in which they are issued and require acceptable endorsers. Students may not be admitted to semester final examinations until all obligations to the University have been satisfied.

Promised scholarships or loans, or credit for future services to be rendered to the University by the student cannot be used to meet the initial payment.
A student whose financial obligations will be met substantially by loans and/or grants, scholarships, or tuition remission will, nevertheless, be expected to make the minimum cash payment at registration as required under Deferred Payment Plan A above, as evidence of his serious intention to complete the semester's work. Appropriate refunds or adjustments in the student's account will be made no later than the end of each semester, in each such instance.

Refer to "Scholarships and Grants-in-Aid" at the end of this section on EXPENSES AND FEES regarding cancellation of grants and scholarships in the event of withdrawal from the University before the end of a semester.

Money received by a student from loans or scholarships or for work performed for pay must be applied on his account if there is any unpaid balance remaining at the time of receipt.

**SCHEDULE OF SEMESTER FEES AND CHARGES**

**Tuition per Semester**

<table>
<thead>
<tr>
<th>Hours</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Twelve through fifteen hours</td>
<td>$575.00</td>
</tr>
<tr>
<td>Less than twelve hours, per semester hour</td>
<td>48.00</td>
</tr>
<tr>
<td>*For each additional semester hour above fifteen</td>
<td>48.00</td>
</tr>
<tr>
<td><strong>Audit of evening class instruction, per semester hour</strong></td>
<td>48.00</td>
</tr>
<tr>
<td><strong>Audit of day class instruction, per semester hour</strong></td>
<td>24.00</td>
</tr>
</tbody>
</table>

* (There will be no additional tuition charge for Physical Education course credits which are in excess of a student's normal load of 15 credit hours per semester, as long as those course credits are required for graduation.)

** (Requires permission of the Dean of the University. Audit fee is not required of day-class students registered for twelve or more semester hours of credit.)

**ADVANCE TUITION PAYMENT**

An advance tuition payment of $75.00 is required of each student entering the University for the first time and is due and payable upon receipt of the official certificate of admission to the University.

This advance tuition payment is not refundable if the request for refund reaches the Controller's Office of the University after July 1 preceding the fall semester in which the student would first have enrolled in the University.

**Other Semester Fees:**

- General Fee $42.50
- (Required of each student taking ten or more semester hours of credit, except nurses and graduate students.)
- Voluntary Extended Coverage Student Insurance $19.50
- (Available on an optional basis during dates of official registration only to undergraduate students who are required to pay the General Fee and, also, to graduate students. Payable in September only for 12 months coverage.)
- Deferred Payment Fee (charged at time of registration) $5.00
- Late Registration Fee (applicable on and after the first day of classes) $10.00
- Breakage Ticket (for each chemistry student) $5.00
### Materials Ticket:
- In Occupational Therapy, Ceramics, Sculpture, Jewelry and Pupp-etry courses, Art 110, 253, 254, 339, 353, 357, 358, 461, 470, 481, 482 and P.E. 66 (Archery) ........................... $5.00
- In Geology 351 ................................................................................................................ .. $10.00

### Special Fees for Off-Campus Physical Education Activities:
- Bowling .......................................................... $10.00
- Golf ..................................................................... $12.00
- Riding (includes transportation) ..................... $40.00
- Skating (includes transportation) ................. $15.00
- Skiing (includes transportation) ................. $45.00
- Student Teacher Service Fee (required of students taking Education 401 or 403) ............................. $15.00
- Clinical Affiliation Fee (required of Occupational Therapy students normally during each of their last four semesters in residence) ............ $25.00

### Sundry Fees
- Application for Admission (payable once only) $10.00
- Graduate Record Examination ......................... 2.50 to 6.00
- Reserved Student Parking, per semester ............. $3.00
  (In numbered spaces assigned by Traffic Department to students residing in the University residence halls.)
- Deposit on Lock for Personal Locker (refundable) ... $3.00

### Applied Music Fees

**Rates for Private Half-hour Lessons**
- Voice and all instruments, including Class Piano; per semester $25.00
  *(This fee is in addition to tuition regardless of the number of lessons taken or the number of instruments — including voice — studied. All students who enroll in Applied Music courses will receive academic credit and are required to pay tuition for such courses, with the exception of enrollees in Class Piano, a non-credit course.)*

### Rates for Residence Halls
- Room and Board, per semester (includes two Sunday meals) $400.00
  *(Room — $175; Board — $225)*
- Deposit on key to room (refundable) .................. $1.00

An advance payment of $25.00 applicable to room rent is required each year from resident students at the time of making application for a room in a residence hall. This payment will not be refunded for cancellations received later than July 1. For details as to when this payment must be made, see "Living Accommodations."
One residence hall for men and one residence hall for women are available during the Thanksgiving, Christmas and spring vacations for occupancy by students who are unable to return home because of distance. Applications for occupancy of residence halls during these vacation periods must be filed with the Dean of Men or the Dean of Women, well in advance of the beginning of each vacation period.

Students remaining in residence halls over the vacation periods will be charged for room on a pro-rata basis, and board on a per-meal basis, in addition to the regular semester room and board charges.

REFUNDS AND ADJUSTMENTS

Tuition:

Tuition fees are not returnable except when the student officially withdraws from the University on account of sickness or other causes entirely beyond his control, and then only in the following proportions, based upon the period from the beginning date of the University semester to the date of the student’s official withdrawal as established by the Registrar:

Withdrawal before the end of the second calendar week ........................................ 80%
Withdrawal before the end of the third calendar week ........................................ 60%
Withdrawal before the end of the fourth calendar week ........................................ 40%
Withdrawal before the end of the fifth calendar week ........................................ 20%
Withdrawal after the end of the fifth calendar week ........................................ No refund

The University shall be the sole judge of the applicability of all claims for refund, which must be presented in writing to the Controller setting forth the circumstances.

General Fee:

In no case will the General Fee be refunded.

Room:

1. Reservation of space in the residence halls is considered an agreement by the student to remain the full semester for which the reservation is made.

2. Residence Hall rentals are not returnable except when withdrawal from the University is caused by sickness or causes entirely beyond the control of the student. If a student moves from the residence hall to which he has been assigned before the end of the first month of any semester — provided that official withdrawal from the University for the reason(s) previously stated is the cause — the room charge is cancelled and payments on room rent are refunded in full. The key deposit is also refunded. If he moves out for lesser reasons — or after the end of the first month of any semester — the entire room charge remains on the student’s account, but the key deposit is refunded.

Board:

Refund of board charges will be made on a pro-rata calendar basis for those students who withdraw from the University before the end of a semester. Refund of board charges will also be made for four or more consecutive days of absence from the campus, provided the Director of the Food Service is given advance notice when such absence is voluntary, and prior approval of the refund has been obtained.

Scholarships and Grants-in-Aid:

If a student who holds a scholarship or grant-in-aid withdraws from the University before the end of a semester or is dismissed, or suspended for disciplinary reasons, his award will, normally, be cancelled and may not be used in settlement of his financial obligations to the University. The financial obligation, however, is not cancelled, and the student is held liable for any unpaid balance remaining on his account.

Loans:

If a student who has completed an application for and has been granted a loan through the Office of Financial Aid withdraws from the University before the end of a semester, his loan balance may be declared due and payable immediately; and he must make satisfactory arrangements for payment prior to his departure from the campus.
Courses of Instruction

GENERAL PROVISIONS

DEPARTMENTS AND SCHOOLS

CAREER PROGRAMS

GENERAL PROVISIONS

Courses in the different subjects of instruction in each department are described in the following pages. Departments and schools are listed in alphabetical order.

The University reserves the right to withdraw any course when the enrollment does not justify its continuation. In general, classes will not be held for fewer than ten students.

Numbers in the 100's, 200's, 300's and 400's are used respectively to indicate courses that are considered to be first, second, third or fourth year courses.

It is a general principle that courses numbered 300 and above are not open to freshmen or sophomores, or to upper-classmen who have not had some basic courses in the particular department. Courses numbered 500, 600 or marked with "G" can be taken for graduate credit.

Aerospace Studies

AIR FORCE RESERVE OFFICER TRAINING PROGRAM
(AFROTC)

Col. Denomy; Maj. Olsen; Capts. Conant, Eliason;
T/Sgts. Robison, Hoover; S/Sgt. Conrad

The Department of Aerospace Studies was organized at the University of Puget Sound on July 1, 1951. The purpose of the Aerospace Studies program is to select and educate young college men as future officers of the United States Air Force. The curriculum offered by this department is divided into three courses: A General Military Course, a Professional Officers Course conducted on the campus of the University of Puget Sound, and Field Training Courses conducted at selected Air Force bases.
The General Military Course consists of academic instruction for one hour per week, and corps training one hour per week each semester of the freshman and sophomore years.

The Professional Officers Course consists of academic instruction for three hours per week and corps training one hour per week each semester of the junior and senior years. A field training course of four weeks duration is normally completed between the junior and senior years for students who enter the Professional Officers Course from the General Military Course.

The Field Training Course is a six-week course of instruction held during the summer on an Air Force base. It includes base orientation and military training. Applications for this course are accepted from sophomores who did not attend or complete the General Military Course. Selection for this course is on a competitive best-qualified basis, and this course must be completed prior to entry into the Professional Officers Course. Applicants for this course apply in December and January of each year.

Each student accepted into the Professional Officers Course must:

1. Have satisfactorily completed the General Military Course or the Field Training Course.
2. Have two academic years remaining of either undergraduate or graduate study.
3. Successfully completed Air Force officer qualification testing and medical evaluation.
4. Have a graduation date prior to reaching 26½ years of age if qualified for flight training, or 28 years of age if qualified for other than flight training.
5. Enlist in the U.S. Air Force Reserve and agree to attend and faithfully pursue the prescribed course of training.
6. Be accepted by the University and selected by the Professor of Aerospace Studies for enrollment.

Students accepted into the Professional Officers Course receive a retainer fee of $40.00 per month for ten months each year during their training. Students attending Field Training Courses receive pay and allowances and are furnished housing and medical attention during their training period. All AFROTC students are furnished uniforms and necessary textbooks for Aerospace Studies classes.

U.S. Air Force financial assistance to include full tuition, books, laboratory fees and $50.00 per month retainer fee is available to qualified applicants in the Professional Officers Course. Applicants must have completed the General Military Course. Students completing the six-week Field Training Course as a prerequisite to entry into the Professional Officers Course are not eligible for financial assistance. Candidates for financial assistance compete on a best qualified basis in nationwide competition.

A flight instruction program of 36 hours duration is available to senior cadets in the Professional Officers Course who are qualified for Air Force pilot training. This training may lead to FAA private pilot certification.

Students who successfully complete the Aerospace Studies program (AFROTC) and receive an academic degree from the University will be commissioned as Second Lieutenants in the United States Air Force Reserve.

Additional information on the Aerospace Studies (AFROTC) program may be obtained by writing the Professor of Aerospace Studies, University of Puget Sound, Tacoma, Washington 98416.

**GENERAL MILITARY COURSE**

101, 102 — Defense of the United States
*Credit, 1 semester hour each semester*
An introductory course on development of national power and military forces as an element of national power. Course includes study of U.S. Air Force missions, functions and responsibilities.

103, 104 — Corps Training
*Credit, ½ semester hour each semester*
This activity provides students with an opportunity to participate in and develop skills in military functions and formations. Develops discipline, confidence and an ability to work harmoniously in group activity.

201, 202 — World Military Systems
*Credit, 1 semester hour each semester*
A comparative study of Free World and Communist land, naval and air forces, development of collective security organizations, trends in development and employment of military power, and the influence of military power in the world situation.

203, 204 — Corps Training
*Credit ½ semester hour each semester*
A continuation of Aerospace Studies 103, 104 with additional responsibilities in learning and performing supervisory functions.
FIELD TRAINING COURSE

250 — Aerospace Studies
Credit, 3 semester hours (conducted during summer only)
A six-week training program conducted at an Air Force base. This course is a prerequisite for entry into Professional Officer Courses (AS 300 and AS 400 series) for those students who did not attend the General Military Course in their freshman and sophomore years. Course includes Air Force orientation, military training fundamentals, officer orientation, organization and function of Air Force bases, marksmanship training and flying indoctrination.

PROFESSIONAL OFFICERS COURSE

301, 302 — Growth and Development of Aerospace Power
Credit, 3 semester hours each semester. Prerequisite for entry into Professional Officers Course is successful completion of General Military Course or Field Training Course.
A survey course about the nature of war; development of airpower; mission and organization of the Department of Defense; Air Force doctrine, concepts and employment; astronautics and space operation and the future development of aerospace power. Includes the United States space programs, vehicles, systems and considers problems of space exploration.

303, 304 — Corps Training
Credit, ½ semester hour each semester
Cadets in the Professional Officers Course plan for, organize, direct and administer the corps training program for cadets in the General Military Course.

330 — Field Training
Credit, 3 semester hours. Not required for students who complete six-week Field Training Aerospace Studies 250
A four week field training program for cadets who entered Professional Officers Course from the General Military Course. Training is conducted at an Air Force base and includes military training fundamentals, officer orientation, organization and function of Air Force bases, marksmanship training and flying indoctrination.

401, 402 — The Professional Officer
Credit, 3 semester hours each semester
A study of professionalism, leadership and management in the United States Air Force. Includes principles, theories, functions and practices connected with management of aerospace resources and the development of professional responsibilities and leadership in the Air Force of the future.

403, 404 — Corps Training
Credit, ½ semester hour each semester
Develop supervisory and leadership skills by direction and administration of the corps training program.

Art

Professors Wentworth (Chairman), Colby; Associate Professor Chubb; Assistant Professors Mayes, Morrison
The Department of Art offers courses leading to the Bachelor of Arts degree with a major in Art or a Bachelor of Fine Arts degree with a major in Art or a major in Art Education, and courses leading to the Master of Fine Arts degree with a major in Art or a major in Art Education.
The Bachelor of Arts degree with an Art major consists of the following minimum requirements: Art 101, 107, 109, 110, 151, 247, 253, 265, 354, 481
and three hours selected from Art 324, 328, 424, 425, 426. Total 36 semester hours.

The Bachelor of Fine Arts degree with an Art major may have areas of concentration in art history, print making, art education, painting, sculpture, ceramics, fashion illustration, advertising design or interior design as approved by the art faculty. Total 60 semester hours.

The Bachelor of Fine Arts degree with an Art Education major consists of the following minimum requirements in Art: Art 101, 107, 109, 110, 151, 247, 253, 265, 339, 354, 361, 461, 481 and three hours selected from Art 324, 328, 424, 425, 426, plus an additional two hours selected from upper level courses in Art. Total 44 semester hours. The student in Art Education will select his minor teaching field with the approval of the School of Education, and will fulfill credential requirements as outlined in this catalog. Special substitutions in Art may be arranged for the student in Elementary Education with the approval of the Art faculty.

The concentration in Art Education may qualify a major for certification as a Curriculum Enrichment Specialist under the 5th year program.

For a general minor in Art the following courses are required: Art 101, 107, 109 or 110, 151, and at least 5 hours selected from Art 247, 253, 265, 339, 354, 481. Total 18 semester hours.

Suggested minors:
1. For students majoring in Occupational Therapy: Art 101, 107, 109, or 110, 151, and at least 8 hours from Art 247, 265, 339, 361. Total 18 semester hours.
2. For students majoring in Elementary Education: Art 101, 107, 109 or 110, 151, 247 and 361. Total 18 semester hours.

During the senior year each art major will prepare and present a representative exhibition of his work. The Department of Art reserves the right to retain student work for one year for exhibition purposes.

**GRADUATE STUDY**

For statements concerning graduate work and requirements for the Master's degree the Graduate School Bulletin should be consulted.

101 — Basic Design
*Credit, 2 semester hours*

An approach to basic design, stressing the fundamental elements and principles of design through studio problems.

107 — Understanding the Arts
*Credit, 3 semester hours. Offered each semester*

A course designed to bring an increased enjoyment and understanding of the Arts of today through lectures, slides, films and discussions. Contemporary trends in painting, architecture and sculpture will be stressed, with an attempt being made to answer the most commonly asked questions of "what and why."

109 — Drawing
*Credit, 3 semester hours each fall semester. Prerequisite, Art 101*

An approach to the basic techniques of drawing. Investigation and use of various media pertaining to the discipline of drawing.

110 — Figure Drawing
*Credit, 3 semester hours each spring semester. Prerequisite, Art 109*

151 — Composition
*Credit, 5 semester hours. Prerequisite, Art 101*

Advanced projects with experience in a variety of techniques. Past and present art theories involving structure, color, space, and applied design.

247, 248 — Beginning Ceramics
*Credit, 3 semester hours each semester*


253, 254 — Beginning Oil Painting
*Credit, 4 semester hours each semester. Prerequisite, Art 101, 109, 110*

An approach to the fundamentals of oil painting, stressing the technical problems involved. Investigations into the proper preparation of supports, grounds, painting media and color. Consideration of form and content will also be emphasized.

265, 266 — Beginning Sculpture
*Credit, 3 semester hours each semester*

Fundamentals of sculptural composition and design. Creative problems in clay, plaster, metal and wood.

324 — The Beginning of Art
*Credit, 3 semester hours. Offered in alternate spring semesters*

Includes prehistoric and ancient art of Europe and the near East, classic art, pre-Columbian arts of the Americas, and primitive arts of today.

328 — Oriental Art
*Credit, 3 semester hours each spring semester*

India, China and Japan with emphasis on painting, sculpture, ceramics, and prints.
339 — Jewelry
Credit, 2 semester hours. Prerequisite, Art 101
Design and construction of contemporary jewelry. An investigation of enameling techniques.

347, 348 — Advanced Ceramics
Credit, 3 semester hours. Prerequisite, Art 248
Theory and experimentation with clay bodies and glazes; advanced construction and decorative techniques; throwing on the wheel.

353 — Advanced Oil Painting
Credit, 4 semester hours. Prerequisite, Art 253, 254
An investigation into the theory and philosophy of oil painting as well as the technical aspects of the medium itself. Emphasis on the conceptual aspects of oil painting.

354 — Watercolor Painting
Credit, 4 semester hours each spring semester. Prerequisite, Art 253
An exploration into the general properties of aqueous painting vehicles. Transparent and opaque watercolors, their similarities and differences, form the basis of this course.

357 — Advanced Drawing
Credit, 3 semester hours each fall semester. Prerequisite, Art 109

358 — Advanced Figure Drawing
Credit, 3 semester hours each spring semester. Prerequisite, Art 110

361 — Lettering
Credit, 2 semester hours
The study and use of script and lettering styles.

365, 366 — Advanced Sculpture
Credit, 3 semester hours each semester. Prerequisite, Art 266
Advanced techniques, mixed media, cast metal sculpture. Study from life.

424 — Arts of the Northern Renaissance
Credit, 3 semester hours. Recommended prerequisite, Art 328. Offered in alternate spring semesters.
Traces the development of painting, sculpture and architecture in Northern Europe from the late 14th century to the late 17th century.

425 — Art of the Italian Renaissance and the Post-Renaissance Periods
Credit, 3 semester hours each fall semester
Covers art of the Italian Renaissance and the early phases of the modern era in Post-Renaissance Europe and the United States.

426 — History of American Art
Credit, 3 semester hours. Offered alternate spring semesters
The development of the arts and crafts in America from Colonial to Contemporary styles and artists, stressing painting, sculpture and architecture.

453 — Advanced Oil Painting
Credit, 4 semester hours. Prerequisite, 9 semester hours of painting

454 — Advanced Watercolor Painting
Credit, 4 semester hours. Prerequisite, Art 354

461 — Art Education
Credit, 2 semester hours each semester. Prerequisite, Art 101
Problems and techniques of teaching art in the public schools. Studio group experience in handling tools and materials suitable for the classroom.

481, 482 — Printmaking
Credit, 3 semester hours each semester. Prerequisite, Art 151
Processes and techniques of etching, wood-cuts, serigraphy and collagraph.

493, 494 — Directed Study and Conference
Credit and time to be arranged. Open to advanced students. Special study in selected fields.

570 — Special Projects
Credit, 2 semester hours. Prerequisite, Art 101, 461
Projects in art suitable for the public schools.

585 — Fashion Design and Illustration
Credit, 3 semester hours. Offered alternate fall semesters. Prerequisite, Art 110, 354

586 — Advertising Design
Credit, 3 semester hours. Offered alternate spring semesters. Prerequisite, Art 110, 354, 361
Problems and techniques of advertising design and layout.
GRADUATE COURSES

624 — Beginnings of Art  
Credit, 3 semester hours. Prerequisite, Art 324

625 — Arts of the Italian Renaissance  
Credit, 3 semester hours. Prerequisite, Art 425

628 — Oriental Art  
Credit, 3 semester hours. Prerequisite, Art 328

639 — Jewelry  
Credit, 2 semester hours. Prerequisite, Art 339

647, 648 — Advanced Ceramics  
Credit, 3 semester hours. Prerequisite, Art 348

653 — Advanced Oil Painting  
Credit, 4 semester hours. Prerequisite, 9 semester hours of painting

654 — Watercolor Painting  
Credit, 4 semester hours. Prerequisite, Art 354

657 — Advanced Drawing  
Credit, 4 semester hours. Prerequisite, Art 357

661 — Art Education  
Credit, 2 semester hours. Prerequisite, Art 461 or one year of teaching experience

665, 666 — Advanced Sculpture  
Credit, 3 semester hours. Prerequisite, Art 366

681, 682 — Advanced Printmaking  
Credit, 3 semester hours. Prerequisite, Art 482

691, 692 — Directed Study  
Credit, 1-4 semester hours

693, 694 — Research  
Credit to be arranged. Prerequisite, undergraduate course in the selected field

697, 698 — Thesis  
Credit to be arranged

Biology

Professors Alcorn (Chairman), Slater (Emeritus);  
Associate Professors Karlstrom, Kleyn; Assistant Professor Herbert;  
Research Professor Johnson; Lecturer Gloyde

Courses suggested in a major are: 101, 102, 221 and 222 or 231, 301, 346, 371 or 375, 491, 492. A field course (352, 353, 354, 356, or 358) is recommended for each major. Students preparing for forestry, pharmacy, and similar fields should choose Courses 115, 116, 301, 346, 358. Students planning to teach secondary school should take both 101, 102 and 115, 116.

Suggested minors are:

1. For students majoring in home economics: Courses 101, 102 and at least 9 hours from 221, 222, 346, 358.
2. For students majoring in physical education: Courses 101, 102, 221, 222, 346.
3. For students majoring in sociology: Courses 101, 102, 301, 346, 492.

101, 102 — General Biology  
Credit, 3 semester hours each semester

This course is devoted to the study of the general laws of life, the funda-
mental relationships of living things, and those general biological problems which are related to human culture and progress.

115 — General Botany
Credit, 3 semester hours
A general survey course emphasizing the study of plant structure, physiology, and metabolism. The laboratory stresses techniques used in the above areas of study.

116 — General Botany
Credit, 3 semester hours
A study of the structure, reproduction, and relationships of major plant groups.

121, 122 — Anatomy and Physiology for Nurses
Credit, 3 semester hours each semester
A basic study of the structure and function of the body systems with some emphasis on clinical applications.

142 — Microbiology for Nurses
Credit, 4 semester hours
A general survey of bacteria, fungi, and viruses with emphasis on medically important species.

221, 222 — Human Anatomy and Physiology
Credit, 3 semester hours each semester. Prerequisite, Courses 101, 102
A basic systems approach to the structure and function of the human body in relation to its normal processes.

231 — Comparative Anatomy of the Vertebrates
Credit, 4 semester hours. Prerequisite, Course 101, 102
A morphological survey of chordate animals with emphasis on evolutionary relations within the vertebrates. The laboratory dissections are of the shark, salamander, and the cat.

246 — Basic Physiological Mechanisms of Animals
Credit, 3 semester hours. Prerequisite, Courses 101, 102; 231 recommended
A study of physiological phenomena common to a wide range of living animals. The emphasis is on principles and basic methods of analysis and is not directed primarily toward the human.

301 — Genetics
Credit, 3 semester hours. Prerequisite, three semesters of biology
Course stresses basic principles of inheritance and includes an introduction to cytogenetics and statistical interpretations.

346G — Microbiology
Credit, 4 semester hours. Prerequisite, Courses 102 or 115, Chemistry 101 or 102
The morphology and physiology of representative bacteria, fungi, and viruses.

352G — Field Biology
Credit, 3 semester hours. Alternates with Biology 354

353G — Mammalogy
Credit, 3 semester hours. Given as there is demand

354G — Biology of Birds
Credit, 3 semester hours. Alternates with Biology 352

356G — Natural History of Marine Invertebrates
Credit, 3 semester hours
A basic study of the ecology and phylogeny of major marine groups. Stress is placed on work in the field and the laboratory.

358G — General Ecology
Credit, 3 semester hours. Given as there is demand
The analysis of the physical and biotic factors involved in the distribution and relationships of plants and animals in their native environment. Emphasis is placed on current methods and measuring environmental factors in the field.

361G — Museum Technique
Credit, 2 semester hours. Given as there is demand
Preparation and care of museum material.

371G — Histology and Microscopic Technique
Credit, 4 semester hours. Normally offered in alternate years
A basic approach to the study of microscopic anatomy of vertebrates, chiefly mammals, utilizing light microscopes and the electron microscope. Part of the laboratory program includes the preparation of slides and other mounted materials.
375G — Embryology of Vertebrates
Credit, 4 semester hours
The development of selected vertebrate types from formation of the germ cells to the differentiation of the organ systems.

491G, 492G — Seminar
Credit, 3 semester hours each semester

497G, 498G — Research
Credits and hours to be arranged

MUSEUM OF NATURAL HISTORY

The Puget Sound Museum of Natural History is under the supervision of the Board of Trustees and directly under the Department of Biology and a Museum Board of Directors. Its function is to acquire and preserve Pacific Northwest natural-history specimens for educational purposes. Organized field work helps secure specimens and related regional material. At present, the Museum has specimens of about 9,000 birds, 10,000 mammals, 7,000 reptiles and amphibia, 6,000 marine fishes and invertebrates, and 5,000 herbarium sheets.

The Museum's present major importance is in connection with certain courses in the Department of Biology as all students in the department use the facilities and specimens in their study of natural history. The museum is designed for study, research and use in all seminar courses.

The Board of Directors are: Dr. R. Franklin Thompson, President of the University; Dr. Gordon D. Alcorn, Director and Curator of Birds; W. Gerard Banks, Bursar; Clifford G. Carl; Leo King Couch, Mammalogy; Irene O. Creso, Curator of Botany; Garrett Eddy, Ornithology; John B. Hurley, Ornithology; Dr. Murray L. Johnson, Curator of Mammals; Edward A. Kirchin, Ornithology, emeritus; Preston Macy; Alfred Milotte, Photography; Dr. Victor B. Scheffer, Mammalogy; Dr. James R. Slater, Curator of Reptiles and Amphibia; Stanton Warburton, Jr., Ornithology.

School of Business Administration and Economics

Professors Bock (Director), Capen, Hamner; Consulting Professor Prins; Associate Professor Sinclair; Assistant Professors Combs, Lindley, Orthman, Perdue; Instructors Headland, Polley; Lecturer Guss

The School of Business Administration and Economics offers curriculum
programs leading to the following degrees: Bachelor of Arts in Business Administration; Master of Business Administration (M.B.A.); major in Economics leading to the Bachelor of Arts; and an interdisciplinary Master of Arts (M.A.) with a major in Economics. For clarity, the programs in Economics are described elsewhere under that heading. Both degrees in Business Administration are described below. All of these programs are integrated under the general concept of analyzing and understanding business and economic institutions in the private enterprise system.

**Bachelor of Arts in Business Administration**

The main objective of all curricula in business administration is to develop latent administrative capability through formal education. The Bachelor of Arts in Business Administration degree is specifically designed for students who seek executive responsibility and develops the administrative concepts and decision-making tools that can be applied in a wide variety of administrative settings. Anyone seeking a professional administrative position in business, industry, government, or education will find this curriculum helpful.

The proper balance should be maintained between the general knowledge which is required for a good executive and specialized subject matter in the field of business administration. In order to guarantee a general education, a student matriculating in business administration will be expected to take 60 credit hours in diverse studies including the Natural Sciences, Mathematics, Social Sciences, and Humanities. A limited number of economics courses which have a broadening educational effect may be included in this requirement at the discretion of the student's advisor.

The following courses are recommended: Psychology 201, Sociology 201, Mathematics 141, 142, and 211 as well as a good background in the Humanities. The students may wish to consider Philosophy 372 and Political Science 413 and 414. Students desiring a strong background in the modern management and computer sciences should take Mathematics 121, 122, 221, 222, 433, and 434.

While a foreign language is not required for the Bachelor of Arts in Business Administration degree, students who are candidates for this degree are urged to take at least two years of a foreign language.

**Core Courses**

In further implementation of the need for general training to assume executive responsibility, students in Business Administration are required to take the following core courses:

- Econ. 101, 102 (6 hrs.) — General Economics
- Econ. 306 (3 hrs.) — Macro-economics
- B.A. 205, 206 (6 hrs.) — Business Law
- B.A. 210, 211 (6 hrs.) — Financial and Managerial Accounting
- B.A. 301 (3 hrs.) — Statistical Methods in Business
- B.A. 330 (3 hrs.) — Financial Management
- B.A. 340 (3 hrs.) — Marketing Management
- B.A. 350 (3 hrs.) — Administrative Behavior

The core requires 33 credit hours of courses.

**The Area Requirement**

In order to enter the business world, the student needs an orientation toward a field. Business Administration students should elect one of the following areas for that purpose:

1. Accounting and Information Systems
2. Communications (including all non-fiction writing, Public Relations and Advertising)
3. Financial Administration
4. Marketing Management
5. Managerial Policy and Administration

It should be pointed out, however, that these fields are not designed for terminal proficiency. Rather, the area is intended to provide a general orientation toward career opportunities.

Fifteen credit hours are required in the area, and the course sequence thus selected is terminated by a seminar. The advisor and student are given maximum latitude in designing the area curriculum.

**Specialized Programs and the Minor in B.A.**

Due to the philosophy of the School, a limited degree of specialization is provided. Public Accounting (leading to the Certified Public Accountant's license) is one exception, and students interested in this field should consult with a member of the accounting staff.

The School of Business Administration also cooperates with the School of Education in offering the necessary courses for secondary teaching in commerce. Students interested in this program should contact the instructor designated in charge.

A student may minor in Business Administration by taking these required courses: Econ. 101, 102; B.A. 205, 210 and 301; and one of these three — B.A. 330, 340 or 350.

A student may also minor specifically in communications by taking the following courses: B.A. 220, 221, 320, 321 and 324.
The Master of Business Administration Degree

The School of Business Administration also offers the M.B.A. degree. The purpose of this degree, even more than the undergraduate degree, is to help prepare a student for executive responsibility or further study leading to the doctorate.

As an admission requirement, the student entering the M.B.A. program will be expected to have passed at least 60 credit hours at the undergraduate level in the Natural Sciences, Social Sciences, Mathematics and Humanities. Courses in these areas which would be considered essential are General Psychology, Social Psychology and Mathematics, including a course on computers. A student who does not possess this background will be asked to make up several undergraduate courses or pass an examination in the area tests of the Graduate Record Examination with a score at the 50th percentile or above.

An applicant for an M.B.A. degree need not have majored in business administration at the undergraduate level. In fact, in view of the 60 credit hour requirement, it might be considered desirable for an applicant to have majored in Social Sciences, Natural Sciences, Mathematics, or Humanities.

As an additional indicator of ability, an applicant will be expected to submit the quantitative and verbal aptitude scores from the Admission Test for Graduate Study in Business, or alternatively, the same scores from the Graduate Record Examination. The admission decision will be limited to those cases where the candidate scored above the 50th percentile in these examinations and attained an undergraduate grade point average over 3.0. Letters of recommendation will be considered with equal weight.

Specific courses required for admission to the M.B.A. include: Econ. 101, 102 and 306; Math. 141 and 142; B.A. 205, 206, 210, 211, 301, 330, 340 and 350.

The degree requirements include 24 credit hours plus a thesis (6 credit hours). A substantial portion of these courses should be taken outside the School of Business Administration and Economics, building on the student’s Social Science or Mathematics base. The thesis constitutes a scholarly requirement which cannot be met simply with the passage of time. Therefore an M.B.A. may require a variable length of time, usually about two years.

Courses

The courses in Business Administration are numbered according to the following system. The first digit indicates course level as follows: 100, freshman; 200, sophomore; 300, junior; 400, senior; 500, dual level (graduate or undergraduate depending on the class standing of the student); and 600, exclusively graduate credit. A course will not usually be elected prior to the year in which it is recommended.
The second digit indicates area as follows: x00-x09, general and required courses; x10-x19, Accounting and Information Systems; x20-x29, Communications; x30-x39, Financial Administration; x40-x49, Marketing Management; x50-x59, Managerial Policy; x60-x89, other courses; x90-x99, Independent Research.

Courses leading to the C.P.A. and C.L.U. designations can be taken for credit if appropriate arrangements are made.

Economics 101 and 102 are considered general prerequisites for all other Business Administration courses.

205, 206 — Business Law
Credit, 3 semester hours each semester

210 — Financial Accounting
Credit, 3 semester hours
The functions of accounts, balance sheets, and profit and loss statements.

211 — Managerial Accounting
Credit, 3 semester hours. Prerequisite, Course 210
The development of accounting and financial data for business decision-making.

220, 221 — Newswriting and Editing
Credit, 3 semester hours
The techniques of writing news stories.

301 — Statistical Methods in Business
Credit, 3 semester hours
The development and use of statistical inference in business and economics problems.

312, 313 — Intermediate Accounting
Credit, 3 semester hours each course. Prerequisite, Course 210
A study of the accounting problems of the corporation. The first semester concerns the construction, evaluation and interpretation of items on the balance sheet. The second semester treats the same topics in the profit and loss statement.

315 — Cost Accounting
Credit, 3 semester hours. Prerequisites, both Courses 210 and 211
Specific order, process and allied methods of cost accounting. Both theory and practice are stressed.
320 — Business Communications  
*Credit, 3 semester hours*  
The broad principles of oral, graphic and written communication in business with some stress on careful communication through listening.

321 — Advanced Newswriting  
*Credit, 3 semester hours. Prerequisite, Course 221*  
An advanced treatment of 220 and 221.

324 — Advertising  
*Credit, 3 semester hours*  
Advertising appeals and their use. Layout, media and agencies. Exercises are used to illustrate the subject matter.

330 — Financial Management  
*Credit, 3 semester hours. Prerequisites; both Courses 210 and 211*  
The management of the finance activities; methods of raising fixed and working capital.

340 — Marketing Management  
*Credit, 3 semester hours*  
Market competition, definition of market opportunities, and strategies for taking advantage of these opportunities.

341 — Retail Management  
*Credit, 3 semester hours. Prerequisite, Course 340*  
Application of the problem approach to the understanding of basic principles and practices in retail management.

342 — Principles of Salesmanship  
*Credit, 3 semester hours*  
Emphasis on the ability to influence and understand people, the basis for success in any field of endeavor.

350 — Administrative Behavior  
*Credit, 3 semester hours*  
An interdisciplinary treatment of management problems combining human behavior, organizational behavior and practical recommendations.

360 — Risk and Insurance Principles  
*Credit, 3 semester hours*  
Insurance as a device for handling risks; the contributions of insurance to society; organization of insurance companies; the insurance contract.

364 — Personal and Family Finance  
*Credit, 2 semester hours*  
The role of personal finance in the life of the individual and the family; the handling of income, insurance, investments, budgeting, credit and taxation.

410 — Auditing  
*Credit, 3 semester hours. Prerequisite, both Courses 312 and 313*  
The analysis of balance sheets and profit and loss statements; audit procedures; the study of accounting opinions pertaining to auditing.

414, 415 — Tax Accounting  
*Credit, 3 semester hours per course. Prerequisite, both Courses 312 and 313*  
A study of federal income tax; the first semester emphasizes the tax as applied to individuals. The second semester treats partnerships, corporations, estates and returns.

450 — Personnel Management  
*Credit, 3 semester hours. Prerequisite, Course 350*  
Problems of personnel administration, such as selection, placement, training, and control and compensation for labor.

491, 492 — Reading and Conference  
*Credit, 1 to 3 semester hours. Permission of the instructor and Director must be obtained*  

493 — Seminar  
*Credit, 3 semester hours*  

495, 496 — Independent Research  
*Credit, 1 to 3 semester hours. Permission of the instructor and Director must be obtained*  

512, 513 — Advanced Accounting  
*Credit, 3 semester hours each course. Prerequisite, both Courses 312 and 313*  
An advanced treatment of accounting subject matter.

516 — Accounting Theory  
*Credit, 3 semester hours. Prerequisites, both Courses 312 and 313*  
Modern theory as applied to accounting practice.
517 — Management Information Systems
Credit, 3 semester hours. Prerequisite, Course 211
The design and analysis of total information systems as they are used in business activities.

530 — Financial Administration
Credit, 3 semester hours. Prerequisite, Course 330
The administration of financial activities including advanced problems in the field.

532 — Investment Analysis
Credit, 3 semester hours. Prerequisite, both Courses 210 and 211
Investment requirements and methods of security evaluation.

540 — Marketing Research
Credit, 3 semester hours. Prerequisite, both Courses 301 and 340
Modern approaches to determining market demand and market characteristics. Both statistical and verbal design methods will be analyzed. Includes a practical problem in the field.

541 — Sales Management
Credit, 3 semester hours. Prerequisite, Course 340
The management of sales efforts.

550 — Decision Theory
Credit, 3 semester hours. Prerequisites, both Courses 301 and 350
The theory of business decision making; combined behavioral and mathematical approaches.

551 — Production and Logistics Management
Credit, 3 semester hours. Prerequisite, Course 301
The design and analysis of logistic systems. Practical problems are considered.

552 — Government and Business
Credit, 3 semester hours
Government regulation and control of industry and commerce.

553, 554 — International Business
Credit, 3 semester hours per course
Relation of the United States to the world economy; principles of international trade and finance; foreign exchange; balance of payments; the multinational corporation; commercial policy, foreign investment, and international economic institutions.

555 — Business and Economic Systems in Underdeveloped Nations
Credit, 3 semester hours
Economic theory as it pertains to commercial systems in developing nations. Both theory and practice are stressed.

560 — Social Insurance
Credit, 3 semester hours. Prerequisite, Course 360
A comparison of social insurance to private approaches in the same problem area.

591, 592 — Reading and Conference
Credit, 1 to 3 semester hours. Permission of the instructor and Director must be obtained
693 — Seminar  
Credit, 3 semester hours

697, 698 — M.B.A. Thesis  
Credit, 3 semester hours each course  
Research for the graduate thesis.

**Economics**

Professors Bock (Chairman) and Hamner; Consulting Professor Prins;  
Associate Professor Sinclair; Assistant Professors Combs and Orthman;  
Instructors Dahl and Headland

A curriculum program leading to the major in Economics for the Bachelor of  
Arts and Master of Arts degrees is offered in conjunction with the School of  
Business Administration and Economics. The major in Economics provides  
the necessary preparation for a graduate who wishes to work in economic  
analysis, economic forecasting, or business economics in industry and govern-
mental activities. These degree programs also prepare a graduate for further  
academic work toward the doctorate degree.

All requirements for the arts and science degree apply including two years  
of a foreign language. The major in Economics requires Economics 101, 102,  
221, 305, 306, 332, 365, and either 409 or 410. Business Administration 301  
or Mathematics 371 is also required.

Mathematics 141, 142 and 211 are suggested. Students preparing for grad-
uate school in Economics or professional work in Management or Computer  
Science should take Mathematics 121, 122, 221, 222, 433 and 434. Finally  
Philosophy 372 (Social Ethics) is also recommended.

Students preparing for Economic Analysis work in business or industry  
should minor in Business Administration or take the 33 credit-hour core of  
courses for additional preparation.

**MASTER OF ARTS WITH A MAJOR IN ECONOMICS**

The Master of Arts degree with a major in Economics is an interdisciplinary  
degree emphasizing work in Sociology, Political Science, Mathematics, Busi-
ness Administration, and Psychology, as well as the major course work in  
Economics.

A student interested in this degree should apply for admission to the Gradu-
ate School.

**COURSES**

101, 102 — General Economics  
Credit, 3 semester hours. Course 101 is ordinarily a prerequisite for 102  
Analysis of the concepts and principles of economics and contemporary  
problems and policies.

221 — Economic History of the United States  
Credit, 3 semester hours  
The development of American economic institutions from their European  
background to the present.

303 — Economic Geography  
See Geography 303

305 — Microeconomics  
Credit, 3 semester hours  
Consumption, production, and pricing under perfect and imperfect compet-
itive conditions; welfare economics.

306 — Macroeconomics  
Credit, 3 semester hours  
Comparative static analysis of national income, employment, and price  
levels, including an introductory study of business fluctuations and eco-
nomic growth.

332 — Money and Banking  
Credit, 3 semester hours  
A survey of the monetary and financial systems, the commercial banks,  
central banks and other banks; the role of money and banking in the eco-
nomic growth.

363 — Public Finance and Tax Policy  
Credit, 3 semester hours  
Taxation, public expenditures and public debt.

371 — The Economics of Transportation  
Credit, 3 semester hours  
The economics of rail, air, highway and inland water transportation in  
the United States. The economic effects of rate structures with special at-
tention to the industry in question.

409, 410 — The History of Economic Doctrine  
Credit, 2 semester hours each semester  
A survey of the development of economic thought from the Mercantilists  
until the present time; the relation of economic doctrines to the problems  
of the period and to other scientific thought.
491, 492 — Reading and Conference  
*Credit, 1 to 3 semester hours*  
For majors in the area who are specially equipped to develop particular subject matter in depth. Must have the prior approval of the instructor and department chairman.

495, 496 — Independent Research  
*Credit, 1 to 3 semester hours*  
Independent Research in specific areas. Must have the prior approval of the instructor and department chairman.

507 — Advanced Microeconomic Theory  
*Credit, 3 semester hours. Prerequisite, Course 305*  
An advanced study of the subject matter developed in Economics 305.

508 — Advanced Macroeconomic Theory  
*Credit, 3 semester hours. Prerequisite, Course 306*  
An advanced study of the material developed in Economics 306.

512 — Comparative Economic Systems  
*Credit, 3 semester hours*  
Comparative analysis of the economic theories, institutions and the operation of communist, socialist, fascist and capitalist systems.

541 — Labor Economics  
*Credit, 3 semester hours*  
A survey of industrial relations; the background of trade unionism and collective bargaining; management and labor problems including public welfare.

691, 692 — Reading and Conference  
*Credit, 1 to 3 semester hours*  
Graduate students only. For majors in the area who are specially equipped to develop particular subject matter in depth. Must have the prior approval of the instructor and department chairman.

697, 698 — Thesis Research  
*Credit, 1 to 3 semester hours*  
Research leading to the thesis requirement for the Master of Arts in Economics degree.

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**Chemistry**

Professor Sprenger (Chairman); Associate Professor Chittick; Assistant Professors Berry, Cokal

A major in chemistry may be in either the elective curriculum, or the prescribed curriculum. The Chemistry Department is accredited by the American Chemical Society.
The elective curriculum is designed for students who want a general course in chemistry, leading to the degree of Bachelor of Science. This might be as a part of a broad general education, or preparation for teaching, as a preliminary to the study of medicine or dentistry. The requirements for the elective curriculum are the same as the general requirements of the University for a major; namely, twenty-four semester hours in the field chosen, provided that, in addition to general inorganic chemistry, courses are taken from the fields of analytical and of organic or physical chemistry.

The prescribed curriculum is designed for students who wish to use chemistry as a vocation, and the requirements for this curriculum are essentially those specified by the American Chemical Society's Committee on the Professional Training of Chemists. These requirements are: General Chemistry and an Introduction to Quantitative Chemistry which may be satisfied by taking Chemistry 201 following the lower-level General Chemistry (Chemistry 101, 102) or by Chemistry 114 taken concurrently with General Chemistry (Chemistry 111, 112). In addition, one year each of Organic Chemistry and Physical Chemistry including laboratory. Advanced courses must include one semester each of Advanced Inorganic Chemistry and Advanced Analytical Chemistry; one or more semesters of elective courses at an advanced level in the fields of Organic, Physical or Biochemistry. It should be noted that each of the advanced-level courses except Biochemistry requires Physical Chemistry as a prerequisite, or, in certain cases, can be taken concurrently with Physical Chemistry.

In addition to the usual requirements for the Bachelor of Science degree, students who elect the prescribed curriculum must: (1) complete Mathematics 221, 222 (2) have a reading knowledge of scientific German or Russian and (3) complete Chemistry 194.

Any entering student who has an exceptional background in chemistry may be given advanced standing; this may permit enrolling in advanced courses rather than beginning work, with prerequisite courses waived or credit granted. See department chairman if qualified.

Minors suggested as being suitable for accompanying either kind of chemistry major are: another science, mathematics, a foreign language or economics. A graduate who has completed the prescribed curriculum will have this certified on his permanent record.

A minor in chemistry must include courses from the fields of analytical and of organic or physical chemistry in addition to general chemistry.

Graduate Degree

For graduate work, candidates may be accepted in the fields of organic, analytical, inorganic, physical chemistry, and biochemistry.

A candidate for a graduate degree must pass a reading examination in either French, German or Russian.

101, 102 General Chemistry
Credit, 4 semester hours each semester. Three lectures, one laboratory. Prerequisite, high school algebra. High school chemistry is not a prerequisite, although it is desirable.

A study of fundamental theories and principles, and the more important elements. The latter part of the laboratory in Course 102 will consist of qualitative analysis and an introduction to quantitative analysis.

105 — General Chemistry for Nurses
Credit, 4 semester hours. Prerequisite, high school chemistry, or one semester of college chemistry

A review of the basic principles of General Chemistry, plus studies in certain sections of organic physiological and pathological chemistry.

111, 112 — General Chemistry
Credit, 3 semester hours each semester. Prerequisite, high standing in a previous high school chemistry course. Placement will be determined by examination at UPS, not by the high school chemistry grade.

This course will cover the field of general inorganic chemistry at a level somewhat more advanced than the Chemistry 101, 102 sequence. An understanding of the principles of chemistry will be developed including: gas laws, solution properties, chemical equilibrium, reaction mechanisms, acids and bases, and structures of molecules and atoms. All students taking Chemistry 111, 112 should also be enrolled in Chemistry 113, 114.

113 — Introduction to Qualitative Analysis
Credit, 2 semester hours. Prerequisite, previous or concurrent course in General Chemistry or permission of instructor

114 — Introduction to Quantitative Analysis
Credit, 2 semester hours. Prerequisite, Chemistry 111
Elementary analytical chemistry including gravimetric, volumetric and colorimetric methods of analyses. The course will include both modern theory and practice.

Students completing Chemistry 114 will be exempt from Chemistry 201.

194 — Laboratory Arts
Credit, 1 semester hour
Practice in common laboratory techniques, chiefly glass-working. One dem-
onstration-hour and two laboratory-hours per week. Open only to science majors; recommended for elective chemistry majors, and required for prescribed majors. See instructor for permission to enroll.

201 — Quantitative Analysis
Credit 3 or 4 semester hours; two lectures, one or two laboratory periods.
Given in spring semester. Prerequisite, Chemistry 102 or equivalent
Elementary gravimetric and volumetric analysis; and the introductory instrumental analysis, electrolytic and optical methods; stoichiometrical relations; modern theory and practice. Chemistry majors who have taken Chemistry 101, 102 will normally enroll for two laboratory periods. Not required for students completing Chemistry 112, 114.

301, 302 Organic Lectures
Credit, 3 semester hours each semester. Prerequisite for Course 301, General Chemistry; for Course 302, Course 301
Study of the hydrogen compounds of carbon and their more important derivatives. May not be taken independently of 305, 306, except with consent of instructor.

305, 306 — Organic Laboratory
Credit, 2 semester hours each semester. The lecture Courses 301, 302 must accompany or precede this laboratory course
Basic laboratory techniques used in organic chemistry; preparation of typical compounds and demonstration of various methods or organic preparation. An introduction to qualitative organic analysis including some instrumental methods.

401, 402 — Physical Chemistry
Credit, 3 semester hours each semester. Lecture only; three hours per week. Prerequisites, Chemistry 201, Physics 212, and Mathematics 222
Introduction to modern theoretical chemistry.

405, 406 — Physical Chemistry
Credit, 2 semester hours each semester. Two 3-hour laboratory periods per week. The lecture course 401, 402 must accompany or precede this laboratory course
Classical and modern physico-chemical methods, including an introduction to research techniques.

422 — Advanced Inorganic
Credit, 3 semester hours. Prerequisite, Physical Chemistry

The course will include topics such as atomic, crystal and molecular structure, organometallic complexes, aspects of chemical bonding, acids and bases and simplified quantum chemistry.

432 — Advanced Quantitative Analysis
Credit, 3 semester hours. Prerequisites, Chemistry 201, 402, 406. One class hour and two laboratory periods per week
Will cover instrumental analysis and modern analytical problems.

445 — Organic Preparations
Credit, 1 to 3 semester hours. Given as there is demand
Synthetic work of an advanced nature and an introduction to the use of the literature of chemistry. One hour class discussion with laboratory hours per week according to the credit sought.

456 — Organic Analysis
Credit, 2 or 3 semester hours
A study of the properties of organic compounds, and laboratory practice in the methods of identifying substances. Methods of identifying substances and the separation of mixtures. Instrumental and other physical methods will be emphasized.

543 — Advanced Organic Lectures
Credit, 3 semester hours. Offered in alternate years
Structure and mechanisms in organic chemistry.

553 — Biochemistry
Credit, 5 semester hours. Three lecture periods and two 3-hour laboratory periods per week. Prerequisite, general organic chemistry
General plant and animal biochemistry. Laboratory experience with an emphasis on introduction to recent methods of biochemical investigations. Primarily designed for chemistry majors and others needing a general background.

568 — Solid State
Credit, 2 semester hours. Prerequisite, Chemistry 402 or Physics 212 and Mathematics 222. Offered in alternate years
Modern theories of solids, color center phenomena, semiconductors, the metallic bond.

582 — Radio Chemistry
Credit, 3 semester hours. Offered as there is demand
Lecture discussion and laboratory experience in isotopic labeling and tracing.

591, 592 — Research
Credit, 1 to 5 semester hours each semester

693, 694 — Seminar
Each semester a specific topic of current interest will be considered in depth. Typical topics include Group Theory and Symmetry, Molecular Spectroscopy, Reaction Mechanisms and Kinetics, Biochemical Synthetic Reactions, Chemistry of Polymers.

697, 698 — Thesis
Credit, 1 to 3 semester hours each semester

The School of Education

Professors Gibbs (Director), Powell (Emeritus); Associate Professors Anderson, Dolan, Lamka, Lee; Assistant Professors Griesel, Hoyt, Perkins; Instructor Allen; Lecturers Brevik, Hoar, Lund, O'Neel, Parker

The School of Education offers undergraduate students of the University guidance and instruction in all matters pertaining to teacher certification — the selection of majors and minors to meet current demand, and the professional courses and laboratory experiences that qualify the student for a Washington Provisional Certificate, or for teaching in other states. It provides placement service to assist seniors and graduates in finding suitable positions. It offers graduate students the fifth year of college leading to the Washington Standard Certificate, a fifth-year degree — the Bachelor of Education, the Master of Education degree, and the courses and laboratory experiences that qualify experienced teachers for a Principal's Credential.

The Bachelor of Arts in Education degree, which requires a major in Elementary Education, is available only to those students who prepare for elementary school teaching. Students who choose the Secondary or Dual Certificate Program must meet the degree requirements of the department or school which offers the teaching major.

Requirements for a graduation minor in Education will be determined by the School of Education in consultation with the student and the other department or school concerned.

The University of Puget Sound is a member of the American Association of Colleges for Teacher Education. The programs leading to the Provisional and Standard Certificates and the Master of Education degree, including prep-
ATION for the Provisional and Standard Principals Credentials, are approved by the Washington State Board of Education and the National Council for the Accreditation of Teacher Education.

THREE PROVISIONAL CERTIFICATE PROGRAMS

The State of Washington issues Provisional Certificates and Standard Certificates to applicants who have completed the accredited teacher education program of the University and are recommended by the School of Education.

The School of Education provides three programs of preparation for teaching: (1) a program that leads to the Provisional Certificate with recommendation for assignment to the elementary or junior high school level; (2) a program that leads to the Provisional Certificate with recommendation for assignment to the junior or senior high school level; and (3) a dual recommendation program that requires preparation and competence at both levels, and leads to the Provisional Certificate with recommendation for assignment to either level. Because there are a number of long-term advantages inherent in the last-named program, most students are urged to choose that program and to plan their years of college study accordingly.

The Provisional Certificate is valid for a three-year period and renewable for an additional three-year period on completion of one year of successful teaching experience and eight semester hours of the fifth college year. The Standard Certificate is issued upon completion of two years of teaching experience and the fifth year of college study (150 or more semester hours of academic credit).

I. ADMISSION TO A TEACHER EDUCATION PROGRAM

Every student who wishes to prepare for a teaching career in the public schools should declare his intention at the time of initial enrollment in the University, or as soon thereafter as this decision is reached, so he may receive information concerning the requirements. The information is supplied by the School of Education. Majors in Elementary Education will be advised by the School of Education at registration time. All other students will go to the subject matter major department for registration advisement, and guidance in all degree matters. The School of Education will supply any interested student with information concerning teaching certificate requirements, for use when he confers with his major adviser. The student is responsible for planning his university program so that he meets both the requirements for a degree and the requirements for a teaching certificate.

Education 201, Introduction to Teaching, is open to all students of sophomore standing who are not on probation — to those who wish to explore the
possibilities of teaching as a career as well as to those who have already made the choice. Further enrollment in Education courses is open only to students who have met the requirements listed below and have been accepted as teaching certificate candidates by the School of Education.

Formal application for admission to a teaching certificate program should be made during the sophomore year, well in advance of the semester in which the student wishes to take Education 302, *Psychological Foundations of Education*. Official transcripts of previous academic work must accompany the application. Criteria for admission to and continuance in a Teacher Education Program will be based upon evidence that the applicant:

1. Has and maintains a cumulative grade-point-average of 2.25 or higher.
2. Has and maintains a grade-point-average of 2.50 or higher in his academic major and minor.
3. Received a grade of "C" or higher in English Composition, General Psychology and Speech.
4. Attains acceptable scores on a battery of aptitude and achievement tests.
5. Is recommended by his academic major and minor departments.
6. Provides evidence of good character, good health, and other qualifications of importance in the profession.
7. Maintains a grade-point average of 2.00 or higher in all professional courses with no grade below "C".

The aptitude and achievement tests will be given in Education 201, Introduction to Teaching. Consult the School of Education for dates and times.

II. UNDERGRADUATE REQUIREMENTS

Requirements for all Teacher Education Candidates

All teaching certificates require the completion of some college degree, competence in an academic major and minor (in subjects commonly taught in the public schools), and certain professional courses. The teaching certificate requires a subject matter major of at least thirty semester hours and a subject matter minor of at least fifteen semester hours. The major and minor requirements of some departments of the University differ from the certificate requirements. The student should be careful to plan so that he meets all requirements.

Students working for a degree from the University of Puget Sound must meet the "Requirements for Undergraduates" as listed in this catalog. They include English Composition, Science or Mathematics, nine hours of Social Studies, nine hours of Humanities, four hours of Physical Education Activity, a major, a minor, and the specific requirements of the degree chosen (which may involve a foreign language). Those requirements should be studied carefully. In addition, there are specific requirements for each of the certificates.

Additional Requirements for the Elementary Certificate

In addition to the requirements referred to above, students who wish to prepare for teaching at the elementary level must take the following:

**A. Non-Professional requirements:**
1. World Geography (Geog. 100) — 3 hours
2. Basic Design (Art 101) and Art Education (Art 461) — 4 hours
3. Speech — 3 hours (Grade of C or better) (Several suitable courses)
4. Fundamental Music Experiences (Music 177) and Elementary School Music and Vocal Methods (Music 377) — 4 hours
5. General Psychology (Psych. 201) — 3 hours (Grade of C or better)
6. History of the Pacific Northwest (Hist. 251) — 2 hours
7. Health Education in the Schools (Physical Educ. 365) — 2 hours
8. Basic Concepts of Mathematics for Elementary School Teachers (Math. 241, 242) — 6 hours

**B. Professional requirements:**
1. Introduction to Teaching (Educ. 201) — 2 hours
2. Psychological Foundations of Education (Educ. 302) — 3 hours
3. Teaching in the Elementary School (Educ. 345) — 2 hours
4. Reading and the Language Arts (Educ. 349) — 3 hours
5. The Teaching of Arithmetic (Educ. 350) — 2 hours
6. Elementary School Student Teaching (Educ. 401) — 9 hours
7. Philosophical and Social Foundations of Education (Educ. 417) — 3 hours
8. Experience the September opening of a public school

The School of Education recommends that the elementary certificate candidate meet the requirement of nine hours of Humanities by choosing three hours of work from among the following: Art 107, Music 103 and/or 104, or English Literature courses (Religion 105 is required); and that the requirements of nine hours of Social Studies be met from the following courses: History 151, Political Science 101, Sociology 201.

Additional subject matter and professional courses to be taken during the fifth year of college will be determined by individual needs and backgrounds.

Additional Requirements for the Secondary Certificate

In addition to the requirements for all teacher education candidates above,
students who wish to prepare for teaching at the senior high school level must take the following:

A. Non-Professional requirements:
1. Speech — 3 hours (Grade of C or better) (Several suitable courses)
2. General Psychology (Psychology 201) — 3 hours (Grade of C or better)
3. History of the Pacific Northwest (History 251) — 2 hours

B. Professional requirements:
1. Introduction to Teaching (Educ. 201) — 2 hours
2. Psychological Foundations of Education (Educ. 302) — 3 hours
3. Teaching in the Secondary School (Educ. 347) — 2 hours
4. Special Methods of Teaching Secondary School Subjects (Educ. 359) — 2 hours
5. Secondary School Student Teaching (Educ. 403) — 6 or 9 hours
6. Philosophical and Social Foundations of Education (Educ. 417) — 3 hours
7. Experience the September opening of a public school

The School of Education recommends that the secondary teacher candidate meet the requirements of the nine hours of Humanities by choosing from among the following, (Religion 101 required), Art 107, Music 103 and/or 104, and English Literature courses; and that the requirement of nine hours of Social Studies be met from the following courses: Psychology 201, and History 251, plus four additional hours from the list.

Additional subject matter and professional courses to be taken during the fifth year of college will be determined by individual needs and backgrounds.

**Requirements for Teaching at the Junior High School Level**

Teaching at the junior high school level is authorized under both the Elementary and the Secondary Certificate. The non-professional and professional requirements for students especially interested in the junior high school level of teaching will be adapted from one of the preceding programs to meet the needs of the individual.

**Transfer and Post-Graduate Students**

While these students must meet the basic requirements for admission to teacher education, due to their previous college work certain adaptations in the non-professional and professional requirements may be possible. Each student's previous academic and professional work will be evaluated and a plan designed to meet his individual needs for certification under one of the preceding programs.

**September Opening of the Public School**

In the September preceding his junior or his senior year each student will be required to observe and to participate (as an assistant to a classroom teacher) in the activities and problems encountered during the opening days of school, either in his home town or in the Tacoma public schools. Plans for this experience must be made in the preceding Spring semester. The necessary forms are provided by the School of Education.

**Teacher Placement Service**

Assistance in securing a teaching position will be given by the Teacher Placement Bureau. This service is open to all seniors and graduates of the School of Education and to other certified teachers who have taken at least twelve semester hours of work in residence.

**III. POST-GRADUATION REQUIREMENTS**

**Initial Teaching Experience**

The period of initial teaching experience is on a full-time basis at a regular salary in a public elementary or secondary school and is regarded as an integral part of the program of teacher education. During this period, the employing school district shares responsibility for the guidance and supervision of the beginning teacher with the University.

**Fifth Year of College Preparation**

Under the regulations of the State Board of Education, teachers holding a Provisional Certificate have six years from the date of original issuance to complete the fifth year of college work. The following standards apply to the fifth year:
1. The fifth year must be completed within five years after the first year of teaching, and at least eight semester hours of credit must be completed before the beginning of the fourth year of teaching. Upon satisfactory completion of the fifth year of college and two years of successful teaching, the teacher will be recommended for the Standard Certificate.

2. The teacher may choose the institution in which he wishes to complete his fifth year.
   a. If he wishes to take his fifth year in an out-of-state institution, he should secure prior approval of his plan from the School of Education, which will then recommend him for the Standard Certificate upon successful completion of the work.
   b. If he chooses to take his fifth year at the University of Puget Sound, the School of Education will recommend him for the Standard Certificate upon completion of the work.
   c. If he chooses to take the fifth year at another higher institution in Washington, that institution will become responsible for recommending the teacher for the Standard Certificate and the teacher will meet the requirements of that institution.

3. There are four provisions governing the pattern of work in the fifth college year:
   a. The fifth year must include a minimum of thirty semester hours, one-half of which must be upper level or graduate work. It shall include study in both academic and professional fields. Twenty of the thirty hours may be taken prior to or during the first year of teaching.
   b. No more than eight semester hours of extension and/or correspondence study may be taken as part of the thirty semester hours of the fifth year.
   c. The preservice institution may designate fifth year requirements to the extent of one-half of the program, subject to the approval of the recommending institution. (The University of Puget Sound will require its graduates to take from 6 to 9 semester hours of professional work as a part of the fifth year.)
   d. A minimum of one-half of the fifth year shall be taken in residence in the recommending institution or in an approved out-of-state institution. Each institution, however, has the privilege of establishing its own residence requirement which may be more than this minimum. (The University of Puget Sound requires twenty semester hours in residence.)
e. Because some courses may be required by the undergraduate institution, the courses chosen should be selected through consultation with the college or university which will make the recommendation for the Standard Certificate. The major objective in the fifth college year should be the professional growth of the teacher. The first year of teaching should indicate strengths and weaknesses which will guide in selecting studies that will increase teaching skill, add to general knowledge, and fill gaps in the teacher's preparation. (The University of Puget Sound requires that one-half of the fifth year be in academic subjects, and recommends more where feasible.)

4. It is the responsibility of each teacher to initiate the necessary steps for the approval and completion of the fifth year of college work.

A teacher who has taken the undergraduate work at another institution in the State and who wishes to complete the fifth year at the University of Puget Sound should notify the School of Education of his intention and have two transcripts of his credits sent to the Admissions Office. In addition, before he is accepted, recommendations from the undergraduate college concerning plans and qualifications for the fifth year must be forwarded to the School of Education. A transferring student's cumulative grade point average must be at least 2.25, and his major subject average must be 2.50 or higher. Upon satisfactory completion of the fifth year, and twenty hours in residence, the University of Puget Sound will recommend the candidate for the Standard Certificate.

A teacher who completes the fifth-year at the University of Puget Sound may be eligible for the Bachelor of Education degree. With careful planning he may qualify for the Master of Arts or the Master of Education degree. The program established for the fifth year shall take precedence and must be finished first.

A teacher who has taken his undergraduate work at the University of Puget Sound and who plans to take the fifth year at another institution within the State, should notify the School of Education and make application to the institution in which he plans to do his work. Upon the teacher's written request, the School of Education will forward the appropriate credentials.

School Librarian Courses

The School of Education offers in each Summer Session the courses essential to the preparation of librarians for the elementary schools and of assistant librarians for the junior and senior high schools. Because of the shortage of librarians at all school levels, it is hoped that many teachers will use part of the fifth year required for the Standard Certificate to develop competence in the management and use of school libraries, whether or not they
become full-time librarians. The shortage is most critical in the elementary schools.

The courses may be taken by undergraduates and the complete program of fifteen semester hours may be used as an academic minor for a degree.

There is no formal library certificate for the elementary level. Upon completion of the library courses the student should ask the School of Education to add the new competence to the Teacher Placement Bureau credentials and/or write the State Office asking that the new competence be added to the individual's file. All librarians are expected to meet the standards set by the State Board of Education.

Secondary teachers who complete the courses are eligible for a minimum library credential issued by the State Superintendent's Office. The credential authorizes the holder to serve as librarian in a junior or senior high school of up to 400 enrollment, and as assistant librarian in larger schools. A Standard Certificate valid at the secondary level is a prerequisite to the issuance of the librarian's certificate.

The course sequence is as follows:

- Education 551L — Administration of School Libraries — 2 sem. hours
- Education 552L — Children's Literature and Books — 2 sem. hours
- Education 553L — Young People's Books and Literature — 2 sem. hours
- Education 554L — Reference and Bibliography — 2 sem. hours
- Education 555L — Selection and Use of Library Materials — 2 sem. hours
- Education 556L — Technical Processes — 2 sem. hours
- Education 460G — Audio-Visual Aids in Teaching — 3 sem. hours

15 sem. hours

The Summer Session schedule is arranged so that there is no conflict among these courses; the student may enroll for a full load of ten semester hours.

BACHELOR OF EDUCATION DEGREE

The degree of Bachelor of Education is a postgraduate degree conferred on students who have completed a fifth year of college and who have met the following standards:

1. Possession of a standard bachelor's degree from an accredited institution of higher learning (When the major for the degree was not Education);
2. Fulfillment of the requirements for a regular Washington State teaching certificate;
3. Completion of not less than thirty semester hours of college work after receipt of the bachelor's degree, one-half of which must be upper level or graduate credit;
4. Completion of not less than twenty-four semester hours of education, graduate and undergraduate, including the courses required for the certificate presented in statement 2 above;
5. Attainment of a cumulative grade point average of 2.25 or higher for admission to, and completion of, the degree program.
6. Fulfillment of the thirty-semester-hour residence requirement of the University of Puget Sound;
7. Work used for this degree may not be counted toward a Master's degree.

MASTER OF EDUCATION DEGREE

The Master of Education degree is a professional graduate degree designed for teachers who have received the Bachelor's degree, have teaching experience, and who wish to pursue further study leading to some professional specialization. For those who wish to increase their knowledge of the subject matter they teach, the Master of Arts or Master of Science degree in the appropriate subject is recommended.

Admission

Candidacy for the Master of Education degree is administered in the Graduate School. A student who wishes to become a candidate for the degree must fill out an application form, obtained from the Admissions Office, supply an official transcript of all previous college work, and submit scores from the Aptitude and the Advanced Tests of the Graduate Record Examination. Applicants who have not taken the tests as seniors should consult the Dean of the Graduate School concerning arrangements for them.

Application, transcripts, and test scores are assembled by the Admissions Office. The applicant's file is then reviewed by the Dean of the Graduate School and by the Director of the School of Education.

The general standards for acceptance are a cumulative grade point average of 3.00 or better in undergraduate work, scores above the 50th percentile on the Graduate Record Tests, and twenty-four semester hours of undergraduate study in Education. Noteworthy professional performance will also be considered when the application is evaluated. A student is admitted to candidacy for the degree when he receives notice that his application and proposed program have been approved. A foreign language is not required for the Master of Education degree.
Non-matriculants

Graduate students who are not candidates for a Master's degree may take graduate courses upon acceptance by the Admissions Office as non-matriculants, but such enrollments do not constitute admission to the Graduate School and credits thus earned do not automatically count toward an advanced degree at a later date.

Requirements for the Master of Education Degree

Three basic courses of three semester hours each are required of all candidates: (1) Statistical Methods, (2) Introduction to Educational Research, and (3) Philosophy of Education. Statistical Methods should be the first graduate course taken, followed by Introduction to Educational Research in the next ensuing term.

In addition, the candidate pursues the specialization of his choice from among the following: (1) Elementary School Administration, (2) Secondary School Administration, (3) Counseling and Guidance, (4) General Elementary Education, (5) General Secondary Education, or (6) School Librarianship. (See the attached Programs of Study.) The semester hours of credit in the specialization will vary from twelve to twenty-three, depending upon the one chosen. The total combined undergraduate and graduate credits in Education may not be less than forty-four semesters hours.

Added to the above, again depending upon the candidate's choice, will be one of the following: (1) Individual Research (a thesis) for four to six hours of credit, (2) Team Research (a co-authored thesis) for three or four hours of credit, or (3) the No Research Option, in which case the paper begun in Introduction to Educational Research will be enlarged and additional courses will be elected to make a total of thirty-six semester hours. The individual and team research options permit a minimum total of thirty-two semester hours for the degree. Under the first option the candidate must submit an outline and research design of his proposed topic to his adviser and a departmental committee for approval. Under the second option the candidate will be assigned a research project. Registration for the semester hours of credit for both kinds of research will be made in Education 697 and 698.

Elective courses, to complete the total number of credits required, will be chosen in consultation with the candidate and approved by the School of Education. The elected courses may be in other departments or in Education.

The quality of the work in all courses counted toward the degree must be B grade or better.

A written examination over all of the course work submitted for the degree is required. It will be given in two four-hour sessions and should be taken as soon as the course work is completed, regardless of the status of the research project. A candidate should apply for permission to take the written examination by March 1st for the spring term, by the end of the first week of the summer session for the summer term.

An oral examination is also required. It cannot be taken until the thesis or paper has been accepted. Two copies of the completed and accepted thesis must be filed with the Director of the School of Education by May 1st of the spring semester or by July 15th of the summer term in which the candidate expects to receive the degree. A one-page digest or abstract of the thesis is to accompany the final copies. The Director of the School of Education will deliver the copies of the thesis to the appointed readers and will set the date of the oral examination. The first copy of the accepted thesis will be placed in the University Library.

Application for graduation must be made to the Registrar not later than six months preceding the commencement at which the candidate hopes to receive the degree.

Not more than ten semester hours of graduate credit may be applied toward the degree before the candidate has taught successfully for at least one year. Two years of successful teaching experience are required prior to receipt of the degree. The degree must be completed within a period of not more than six years.

The courses may be taken in approved late-afternoon and evening classes on campus, in summer school, or in day classes. Some part of the residence must be as a full-time student, with at least one full summer session being the minimum period. A continuous relationship with the University should be maintained during candidacy. If such continuous relationship is not maintained, the candidate may be dropped from the program and required to reapply when he wishes to continue.

All credits for the degree will be taken at this university normally, but graduate credit earned at another institution with similar standards, if approved by the School of Education and the Dean of the Graduate School, will be accepted in amounts not to exceed ten semester hours. Extension credits are not normally accepted; only if the courses have specifically been allowed graduate credit in the recognized institutions from which the work is being transferred will they be considered. Correspondence credits are not accepted toward this degree. Courses more than six years old will not be accepted for the Master of Education degree.

The courses that may be taken for graduate credit are all of those that are numbered in the 500s and 600s, and those courses between 300 and 499 that have a "G" appended to them (e.g. Education 437G).

Form and Style in Thesis Writing by William Giles Campbell, published by
Houghton Mifflin Company, is the manual to be followed in writing papers and thesis for the Master of Education Degree.

See, also, the general information concerning all Master's degrees and all graduate work in earlier pages of this catalog.

201 — Introduction to Teaching
Credit, 2 semester hours. Required for all certificates
This is an orientation course for students who are interested in teaching. In addition, it serves as an exploratory course for those who have not yet made a vocational choice. There will be directed observation in the public schools, kindergarten through the senior high school, correlated with classroom work.

203 — Observation in the Public Schools
Credit, 1 semester hour. Required of some transfer students
For transfer students who have taken an introduction to teaching elsewhere but have not observed public school classrooms. Meets with Education 201.

302 — Psychological Foundations of Education
Credit, 3 semester hours. Prerequisite, General Psychology, Education 201, and a cumulative grade point average of 2.25 or higher. Required for all certificates
The course deals with the psychological theories and supporting evidence related to education and human learning, and different concepts of the nature of the individual, with particular emphasis on teaching-learning processes.

345 — Teaching in the Elementary School
Credit, 2 semester hours. Prerequisite, Education 302. Required for the Provisional Certificate — Elementary
This course will be concerned with general elementary school aims, materials, and methods. Special attention will be given to social studies in the elementary school. Observations in actual school situations will be arranged.

347 — Teaching in the Secondary School
Credit, 2 semester hours. Prerequisite, Education 302. Required for the Provisional Certificate — Secondary

349 — Reading and Language Arts Methods
Credit, 3 semester hours. Prerequisite, Education 345. Required for the Provisional Certificate — Elementary
The focus of the course is on understanding ways elementary children learn to read, listen, speak, and write. Stresses developmental reading instruction.

350 — The Teaching of Arithmetic
Credit, 2 semester hours. Prerequisite, Education 345, Mathematics 241 and 242. Required for the Provisional Certificate — Elementary
The course presents many materials, devices, and methods for the successful teaching of mathematical concepts.

359 — Special Methods of Teaching Secondary School Subjects
Credit, 2 semester hours. Prerequisite, Education 347. Required for the Provisional Certificate — Secondary
Courses will be scheduled as needed, in the first semester, to give training in methods of teaching specific subjects in the junior and senior high schools. Professors in the major departments offer methods courses in the following fields: Business Education, English Language, Foreign Language, Health and Physical Education, Home Economics, Mathematics, Music, Science, Social Studies, and Speech. A student should select the appropriate one for his major.

401 — Elementary School Student Teaching
Credit, 9 semester hours. Prerequisite, Education 345, 349, 350. Required for the Provisional Certificate — Elementary
Directed student teaching in the student's preferred grade of the public elementary schools, from 8:30-12:00 daily for a full semester. A two-hour seminar each week is required.

402 — Student Teaching in Special Education
Credit, 6 semester hours. Prerequisite, Education 401 or Education 403
A second directed teaching in a special class of handicapped children, in music, or some other area requiring special knowledge and skills. A two-hour seminar each week is required.

403 — Secondary School Student Teaching
Credit, 6 or 9 semester hours. Prerequisite, Education 347 and 359. Required for the Provisional Certificate — Secondary
Directed student teaching in the student's major and minor fields of concentration at the junior or senior high school level for two or three class periods daily during a full semester. A two-hour seminar each week is required.
417 — Philosophical and Social Foundations of Education
Credit, 3 semester hours. Prerequisite or concurrent, Education 401 or 403.
Required for all certificates
This is a culminating course designed to tie together all previous educational and professional experiences into a meaningful whole.

425G — The Study of the Child
See Psychology 425G.

426G — The Study of Adolescence
See Sociology 426G.

437G — Principles and Practices of Guidance
Credit, 3 semester hours
An introductory course for teachers, counselors, and administrators. Current practices and thinking concerning the purposes, roles, and functions of guidance and pupil personnel services in the public schools.

446G — Creative Teaching
Credit, 2 semester hours. Elementary level
The creative process and its application to teaching.

453G — Science Education
Credit, 2 semester hours. Elementary level
Science content and methods in the elementary curriculum.

457G — Early Childhood Education
Credit, 2 semester hours
Nursery school, kindergarten, and primary education in contemporary society.

460G — Audio-Visual Aids in Teaching
Credit, 3 semester hours
An introduction to the operation and proper use of audio-visual devices and materials to facilitate instruction and learning.

491, 492 — Reading and Conference
Credit arranged. Open only to seniors with approval of the School of Education

GRADUATE COURSES

512 — Principles of Elementary Education
Credit, 3 semester hours
A critical study of the modern elementary school, with special reference to philosophy, objectives, curriculum and methods.

513 — Principles of Secondary Education
Credit, 3 semester hours
An advanced critical study of modern secondary education, including extended secondary education and the community college.

515 — History of Education
Credit, 3 semester hours
A study of educational theory and practice from early times to the present. Special attention will be given to American education.

516 — Philosophy of Education
Credit, 3 semester hours. Required for the Master of Education degree
A study of the nature and meaning of philosophy as it relates to education, with an attempt to formulate a sound educational philosophy for the United States.

517 — Comparative Education
Credit, 3 semester hours
A comparative analysis of national systems of education.

518 — Cultural Anthropology and Education
Credit, 3 semester hours
Emphasis is on an understanding of cultural diversity within our own society and among other societies as related to the direction of a group's energies.

524 — Moral and Spiritual Values in Education
Credit, 3 semester hours
This course is based upon the confidence that moral and spiritual values can grow in the context of teaching in any subject-matter. Attention will be given to ways and means of accomplishing this within the framework of constitutional requirements.

529 — Advanced Educational Psychology
Credit, 3 semester hours
Advanced study of the psychology of learning and teaching processes, with emphasis on the evaluation of current educational theories and practices in terms of psychological principles.
534 — The Education of Exceptional Children  
*Credit, 2 semester hours*  
An introductory course dealing with all areas of exceptionality and providing field trips, demonstrations, and lectures by specialists.

536 — Vocational Guidance  
*Credit, 3 semester hours*  
Designed for counselors who give occupational and vocational information to youth and adults. Some practice will be given in the use of vocational tests.

537 — Organization and Administration of Pupil Personnel Services  
*Credit, 3 semester hours*  
Principles for the planning, organization, and administration of an effective guidance program.

538 — Counseling Theories and Procedures  
*Credit, 2 semester hours*  
The course will stress understanding of the counseling process.

539 — Supervised Practice in Counseling  
*Credit, 2 semester hours*  
An assignment to understudy a practicing school counselor for a year.

541 — Statistical Methods  
*Credit, 3 semester hours. Required for the Master of Education degree*  
A study of the statistical procedures employed in dealing with educational data.

544 — Educational Tests and Pupil Evaluation  
*Credit, 3 semester hours*  
An introduction to standardized testing, construction of teacher-made tests, simple statistics, and student evaluation, marking, and reporting.

545 — Principles of Public School Curriculum Planning  
*Credit, 3 semester hours*  
An advanced study of curricula and curriculum-making with special references to both elementary and secondary levels.

546 — Teaching in the Junior High School  
*Credit, 2 semester hours*  
A study of the philosophy and aims of junior high education, with attention to current developments.

547 — Teaching the Social Studies in Elementary School  
*Credit, 2 semester hours*  
An advanced course in materials and methods for the elementary school.

548 — Teaching the Language Arts in Elementary School  
*Credit, 2 semester hours*  
An advanced course in materials and methods for the elementary school.

550 — The Changing Arithmetic Curriculum  
*Credit, 3 semester hours*  
The new content, language, concepts, and methods in elementary arithmetic.

551L — Administration of School Libraries  
*Credit, 2 semester hours*  
Objectives, organization, and administration of school libraries. Discussion of standards and study of routines, including circulation and care of materials.

552L — Children's Literature and Books  
*Credit, 2 semester hours*  
Examination, reading, and evaluation of books for young children and the elementary school library and its services.

553L — Young People's Books and Literature  
*Credit, 2 semester hours*  
Examination, reading, and discussion of books used with boys and girls in junior high school. Books in the fields of information as well as imaginative literature. Emphasis on standards for selection of books, book lists, reviews, and relation to curriculum.

554L — Reference and Bibliography  
*Credit, 2 semester hours*  
Study of basic reference books, reference methods, and bibliographic forms. Use of card catalog, indexes, bibliographies, etc.

555L — Selection and Use of Library Materials  
*Credit, 2 semester hours*  
Selection, evaluation, and use of materials of all kinds—books, periodicals, pamphlets, pictures, films, records, etc.—to meet the needs of the school curriculum.
556L — Technical Processes in the School Library  
*Credit, 2 semester hours*
Basic cataloging, classification, and preparation of books and other materials for use in the school library.

563 — Utilization of Television in the Classroom  
*Credit, 2 semester hours*

564 — Advanced Course in the Use of Educational Television  
*Credit, 2 semester hours*

572 — Constructive School Discipline  
*Credit, 2 semester hours*

573 — The Education of Teachers  
*Credit, 2 semester hours*

575 — Public School Organization and Administration  
*Credit, 3 semester hours*

576 — Elementary School Administration and Supervision  
*Credit, 3 semester hours*

577 — Junior High School Administration and Supervision  
*Credit, 3 semester hours*

578 — High School Administration and Supervision  
*Credit, 3 semester hours*

579 — Current Issues and Trends in Education  
*Credit, 2 semester hours*

582 — Public School Finance  
*Credit, 3 semester hours*
A study of the methods and problems of public school financing in the United States. Stress will be placed upon the study of typical states in comparison with the methods and problems of financing education in the State of Washington. A course for administrators, classroom teachers, and laymen interested in the problem of public school finance.

586 — School and Community Relations  
*Credit, 3 semester hours*
A re-study of the place of the school in the community, including use of the buildings for community functions, participation of the school personnel in community activities, and the use of community resources to further school purposes.

593 — Introduction to Educational Research  
*Credit, 3 semester hours. Required for the Master of Education degree. Prerequisite, Education 541*
A study of the basic methods employed in conducting research in education.

595 — Research Seminar  
*Credit and time arranged. Prerequisite, Education 593*
Team research and writing, with group consideration of the research projects of the participants.

673 — Orientation and Services for Beginning Teachers  
*Credit, 2 semester hours*

690 — Laboratory Experience for Administrators  
*Credit, 1 or 2 semester hours. Required for all principals' credentials. Usually arranged for a full school year, near the end of study for the principal's credential*

691, 692 — Reading and Conference  
*Credit arranged. Open only to advanced students with approval of the School of Education*

697 and 698 — Thesis  
*Credit and time to be arranged. Prerequisite, Education 593*

**English**

Professor Simonson (Chairman); Associate Professors Crosland, Hager; Assistant Professors Annis, Corkrum, Hess, Lee; Instructors Berry, Daniels; Lecturers Kretschmar, Meenk, Van Arsdel.

A major in English must include American literature 221 and English literature 251; 311, 414, 451 or 452; six hours of upper-level American literature (421 or 422, 423 or 424) and nine hours of upper-level English literature (467 or 468, 453 or 456, 457 or 458); a seminar (493 or 494); and electives to total 33 semester hours. Students planning to teach on the secondary level are required to take English 303 and 304.

A minor in English must include English 221, 251, 451 or 452, and electives to total fifteen hours.
I. Composition

101 — English Composition
Credit, 3 semester hours
A course in the writing of clear and effective expository prose, with emphasis upon organization, style, and maturity of thought. Readings from the main literary genres. Individual conferences. English 101 required of all students except those who are excused on the basis of high school Advanced Placement scores.

110 — English Composition
Credit, 3 semester hours
A course stressing the basic rhetorical patterns in composition, with readings in expository and argumentative essays. An elective course but not a substitute for English 101.

301 — Advanced Composition
Credit, 2 semester hours
A practical writing course in advanced prose composition with emphasis upon rhetorical and stylistic techniques. Recommended for majors who plan to teach.

303 — Advanced Grammar
Credit, 2 semester hours
A practical course in both prescriptive and descriptive grammar, required of all majors who plan to teach.

304 — History of the Language
Credit, 2 semester hours
The history of English as a language, including morphology, semasiology, and linguistics. Required of all majors who plan to teach.

401 — Creative Writing
Credit, 2 semester hours
Introduction to methods of writing fiction.

II. Literature

131, 132 — World Literature
Credit, 3 semester hours each semester
A study of classics selected from Ancient, Medieval, Renaissance, and Modern literature.

221 — American Literature
Credit, 3 semester hours
Colonial period to the present.

251 — English Literature
Credit, 3 semester hours
Chief authors and literary movements of England from the beginning through the nineteenth century.

311 — Problems of Literary Study
Credit, 2 semester hours
Introduction to literary theory, history, and research; use of bibliographical techniques.

341G — Contemporary Poetry
Credit, 2 semester hours
Modern poetry with emphasis upon Frost, Eliot, Auden, Yeats, and Pound.

342G — Contemporary Fiction
Credit, 2 semester hours
Selected American, British, and Continental novelists.
343G — Contemporary Drama
Credit, 2 semester hours
Modern drama with emphasis upon British and American plays.

393G — The English Novel
Credit, 2 semester hours
British fiction up to the twentieth century, including such writers as Defoe, Fielding, Jane Austen, the Brontes, Trollope, George Eliot, Hardy, and Conrad.

394G — The English Drama
Credit, 2 semester hours
British drama: Elizabeth I to the present.

414G — Principles of Literary Criticism
Credit, 3 semester hours
The principle literary critics from Aristotle to the New Critics. Alternate Semesters devoted respectively to Classical and Neo-Classical critics; and to Romantic and Contemporary critics.

421G — Early American Literature
Credit, 3 semester hours
Colonial, Revolutionary, and early National writers, including Edwards, Franklin, Irving, and Cooper.

422G — American Renaissance
Credit, 3 semester hours
A study of Poe, Emerson, Thoreau, Hawthorne, Melville, and Whitman.

423G — American Realism
Credit, 3 semester hours
American writing between the Civil War and World War I, with emphasis on Twain, James, Crane, and writers of the Chicago Renaissance.

424G — American Twenties and After
Credit, 3 semester hours
Literature from World War I to the present, including Eliot, Fitzgerald, Hemingway, O'Neill, and Faulkner.

451G, 452G — Shakespeare
Credit, 3 semester hours each semester

453G — Milton and His Contemporaries
Credit, 3 semester hours
A study of Milton and his contemporaries of the earlier seventeenth century (1603-1660), including Bacon, Donne, Jonson, Herbert, Browne, and Marvell.

456G — The Age of Dryden, Pope, Swift, and Johnson
Credit, 3 semester hours
A study of the major writers of the Neo-Classic period: 1660-1784.

457G — The English Romantics
Credit, 3 semester hours
A close reading of Wordsworth, Coleridge, Byron, Shelley, Keats, and selected essayists.

458G — The English Victorians
Credit, 3 semester hours
A study of Victorian poetry and prose, with emphasis upon Tennyson, Browning, Arnold, and the Pre-Raphaelites.

467G — Early English Literature and Chaucer
Credit, 3 semester hours
Old and Middle English writers, with emphasis upon Chaucer.

468G — Literature of the English Renaissance
Credit, 3 semester hours
Major literature of the Renaissance excluding Shakespeare.

491G, 492G — Reading in English
Credit, 2 semester hours each semester. Open only to advanced students majoring in English with consent of the instructor and the Department chairman.
Individual study of selected topics, with written papers and conferences.

493G — Seminar in American Literature
Credit, 2 semester hours
Specialized study in American literature: selected literary figure or period.

494G — Seminar in English Literature
Credit, 2 semester hours
Specialized study in English literature: selected literary figure or period.
Foreign Languages

Professor Tomlinson (Chairman); Associate Professors Bachimont, Bucklin, Instructors Acosta, Hodges, Seeley, Weldin; Lecturers Barnes, Lavaska, Niwa, Pazar

CLASSICAL LANGUAGES

GREEK

101, 102 — Elementary Greek
Credit, 4 semester hours each semester
Introduction to classical Greek, reading of suitable texts.

201, 202 — Intermediate Greek
Credit, 3 semester hours each semester. Prerequisite, Course 102, or its equivalent
Reading of Greek authors, review of grammar.

LATIN

101, 102 — Elementary Latin
Credit, 4 semester hours each semester
Introduction to Latin, reading of suitable texts.

201, 202 — Intermediate Latin
Credit, 3 semester hours each semester. Prerequisite, Course 102, or two years of high school Latin
Reading of Latin authors, review of grammar.

MODERN LANGUAGES

Language Laboratory

The Department of Languages provides a language laboratory which permits the student to train himself extensively in the use of the spoken form of the foreign language in which he is interested.

401G — Introduction to Descriptive Linguistics
Credit, 3 semester hours. Prerequisite, any foreign language course at third year level, or permission of instructor.
Theory of Linguistics, with practical work in phonology, morphology, and syntax. May be taken for credit toward a major or minor in French, German, Spanish, or a minor in Russian.

697, 698 — Thesis
Credit, 4 to 6 semester hours

FRENCH

In a major in French, Courses 301, 302, 313, 314 (or 325, 326), 351, 387, 388, and 477, 478 should be included; in a minor, Courses 301, 302 or 313, 314 and 351 are recommended.

Courses 101 and 102 are not counted in the hours for a major, nor Course 101 for a minor.

101, 102 — Elementary French
Credit, 4 semester hours each semester
Introduction to the phonetics and grammar of the French language, reading of graded texts.

201, 202 — Intermediate French
Credit, 3 semester hours each semester. Prerequisite, Course 102, or satisfactory scores in placement tests
Reading of modern French writers, review of grammar, oral and written composition, and conversation.

301, 302 — Survey of French Literature
Credit, 3 semester hours each semester. Prerequisite, Course 202
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Prerequisites</th>
<th>Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>313G, 314G</td>
<td>Development of French Drama</td>
<td>3 hrs.</td>
<td>Course 301, 302. Prerequisite: Course 301, 302.</td>
<td>Offered in alternate years.</td>
</tr>
<tr>
<td>325G, 326G</td>
<td>Development of the French Novel</td>
<td>3 hrs.</td>
<td>Course 301, 302. Prerequisite: Course 301, 302.</td>
<td>Offered in alternate years.</td>
</tr>
<tr>
<td>351</td>
<td>Advanced Composition and Conversation</td>
<td>3 hrs.</td>
<td>Prerequisite: Course 202</td>
<td></td>
</tr>
<tr>
<td>465G</td>
<td>French Poetry and Explication de Textes</td>
<td>3 hrs.</td>
<td>Prerequisite: Courses 301, 302.</td>
<td>Offered in alternate years.</td>
</tr>
<tr>
<td>477G, 478G</td>
<td>Contemporary French Literature</td>
<td>3 hrs.</td>
<td>Prerequisite: Courses 301, 302.</td>
<td>Offered in alternate years.</td>
</tr>
<tr>
<td>491G, 492G</td>
<td>Reading and Conference</td>
<td>1 or 2 hr.</td>
<td>Prerequisite: Courses 301, 302.</td>
<td>Offered in alternate years.</td>
</tr>
<tr>
<td>603, 604</td>
<td>Seminar</td>
<td>2 hrs.</td>
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<tr>
<td>611, 612</td>
<td>Reading and Interpreting Old French Texts</td>
<td>2 hrs.</td>
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</tbody>
</table>

**GERMAN**

In a major, Courses 301, 302, 352, 388, 461, 462 should be included. In a minor, Courses 301, 302, 352, 388 are recommended.

101, 102 — Elementary German
Credit, 4 semester hours each semester
Phonetics, fundamentals of German grammar, acquisition of a basic vocabulary, elementary composition and conversation; reading of graded texts of cultural interest.

201, 202 — Intermediate German
Credit, 3 semester hours each semester. Prerequisite, Course 102, or satisfactory scores in placement tests
Study of works by modern German writers; review of grammar; practice in oral and written German.

301, 302 — Survey of German Literature
Credit, 3 semester hours each semester. Prerequisite, Course 202. Offered in alternate years.

311 — Scientific German
Credit, 3 semester hours. Prerequisite, Course 202, or approval by the instructor
Aims toward ability to read German in the student's field of special interest. Class work and conferences.

352G — Advanced Composition and Conversation
Credit, 3 semester hours

388G — Deutschkunde
Credit, 3 semester hours. Prerequisite, Course 202. Offered in alternate years
A study and interpretation of the important cultural phases of German life and thought. Readings, lectures, reports.

461G — Contemporary German Literature
Credit, 3 semester hours. Offered in alternate years

462G — Goethe's Faust
Credit, 3 semester hours. Offered in alternate years
Intensive study of the drama (Parts 1 and 2), its problems, philosophy, and sources, in connection with Goethe's life.
491G, 492G — Reading Conference
  Credit, 1 or 2 semester hours each semester, and may be repeated once
  Directed reading and research. Oral and written reports.

493G, 494G — Advanced Studies in German
  Credit, 3 semester hours each semester. May be repeated
  Subject matter includes: 19th Century German Drama, 19th Century
  German Prose, History of the German Language, and German Naturalism.

JAPANESE

101, 102 — Elementary Japanese
  Credit, 3 semester hours each semester
  Introduction to pronunciation, conversation, construction patterns, gram-
  mar, and kana syllabaries.

201, 202 — Intermediate Japanese
  Credit, 3 semester hours each semester. Prerequisite, Course 102, or an
  equivalent knowledge of Japanese
  Introduction to Chinese characters. Reading, writing and translation of
  modern Japanese.

RUSSIAN

101, 102 — Elementary Russian
  Credit, 4 semester hours each semester
  Essentials of Russian grammar, oral and written practice, reading of graded
  texts.

201, 202 — Intermediate Russian
  Credit, 3 semester hours each semester
  Reading of suitable texts, review of grammar, oral and written composition.

301, 302 — Survey of Russian Literature
  Credit, 3 semester hours each semester. Prerequisite, Russian 202 or
  equivalent. Offered in alternate years

387G, 388G — Spanish and Spanish-American Civilization and Culture
  Credit, 2 semester hours each semester. Prerequisite, Course 202 or equiva-
  lent. Offered in alternate years
  Study of the society, politics, geography, and arts of Spain and Spanish
  America.

SPANISH

In a major in Spanish, all 300 and 400 level courses (including Modern
Languages 401) are recommended; in a minor, Courses 331, 332, 387 and
388 are recommended. Other upper-level courses may be substituted with
approval of the advisor.

Courses 101 and 102 are not counted in the hours for a major, nor Course
101 for a minor.

101, 102 — Elementary Spanish
  Credit, 4 semester hours each semester
  An audio-lingual approach to understanding, speaking, reading, and writing
  Spanish.

201, 202 — Intermediate Spanish
  Credit, 3 semester hours each semester. Prerequisite, Course 102, or satis-
  factory scores in placement tests
  Readings from Spanish and Spanish-American authors, review of grammar,
  oral and written composition.

301, 302 — Survey of Spanish Literature
  Credit, 3 semester hours each semester. Prerequisite, Course 202 or equiva-
  lent. Offered in alternate years

331, 332 — Survey of Spanish-American Literature
  Credit, 3 semester hours each semester. Prerequisite, Course 202 or
  equivalent. Offered in alternate years

351, 352 — Advanced Composition and Conversation
  Credit, 2 semester hours each semester. Prerequisite, Course 202 or equivalent
  Grammar review, oral and written composition.

493G, 494G — Advanced Studies in Spanish
  Credit, 2 semester hours each semester. May be repeated by permission of
  the instructor. Offered in alternate years
Geography

100 — World Geography
Credit, 3 semester hours
A survey of world geography.

303 — Economic Geography
Credit, 3 semester hours
A survey of world resources and the geographical factors affecting their production and distribution.

Geology

Professor Anderson (Chairman); Assistant Professor Lowther

Geology is the application of Biology, Chemistry, Mathematics, and Physics to the study of the earth. A student who majors in Geology must have a thorough understanding of the principles of those disciplines in addition to those of his major field. The program of a student majoring in Geology will consist of approximately one-third Geology, one-third other areas of science and mathematics and one-third social studies and humanities (including English and Foreign Language).

A major in Geology must include the following courses: 101, 102, 201, 202, 301, 302, 360, 401, 403, 404, 406, and either 497 or 498.

A minor in Geology must include courses 101, 102, and 8 additional hours from courses 201, 202, or 302.

The minor for a Geology major must be in the fields of Biology, Chemistry, Mathematics, Physics, or Economics.

Advanced Field Geology, Geology 360, is a summer field camp program. All majors should plan to take it in the summer session between their junior and senior years.

Geology 101, 102 satisfies the University science requirement for those students with one high school unit of biological science (Biology or Botany).

101 — Physical Geology
Credit, 4 semester hours; three lectures and a two-hour laboratory
A survey of the physical processes that act on and within the earth. It is essentially a study of the development of the present landscape.

102 — Historical Geology
Credit, 4 semester hours; three lectures and a two-hour laboratory. Prerequisite, Geology 101
A survey of the historical development of the earth and its inhabitants, and the principles and methods employed in studying earth history.
201 — Mineralogy
Credit, 4 semester hours; three lectures and a three-hour laboratory. Prerequisite, Geology 101, or equivalent; and General Chemistry is recommended.

202 — Petrology and Field Methods
Credit, 4 semester hours; three lectures and a three-hour laboratory. Prerequisite, Course 201. Field trips required.

301G — Structural Geology
Credit, 4 semester hours; three lectures and a three-hour laboratory.

302G — Paleontology
Credit, 4 semester hours; three lectures and a three-hour laboratory.

351 — Rocks and Minerals
Credit, 3 semester hours. Prerequisite, Geology 102 or instructor's permission. Not counted toward either a major in Geology or laboratory science requirement without departmental approval.

The objective of the course is to enable teachers and amateur geologists to become well acquainted with the physical properties of common rocks and minerals. Each student will be required to purchase a set of rocks and minerals for approximately $10.00. One or two day-long field trips will be taken.

352 — Life of the Past
Credit, 3 semester hours. Prerequisite, Geology 102 or instructor's permission. Not counted toward either a major in Geology or laboratory science requirement without departmental approval.

An introduction to animals and plants through geologic time. Designed primarily for school teachers and amateur geologists, this course stresses the practical aspects of Paleontology through field trips and laboratory exercises in the identification of fossils. Two or three day-long field trips will be taken.

360 — Advanced Field Geology
Credit, 5 semester hours; offered in summer session only. Given as there is demand.

401G — Stratigraphy and Sedimentation
Credit, 3 semester hours; two lectures and one three-hour laboratory.

403G — Seminar in Advanced Historical Geology
Credit, 1 semester hour.
404G — Geomorphology  
Credit, 3 semester hours; two lectures and one three-hour laboratory

406G — Seminar in Advanced Physical Geology  
Credit, 1 semester hour

450G — Special Topics  
Credit, 1-4 hours each semester. Given as there is demand

497G, 498G — Undergraduate Research  
Credit, 2 semester hours each semester. One semester required of all majors

History

Professor Coulter; Associate Professors Thomas, Tomlinson;  
Assistant Professor Bauer; Instructor Stokes

The History Department has a series of comprehensive courses designed to give the students, and in particular those who major in history, a fundamental understanding of the world in which they live. There are four survey courses, a series of upper-level courses designed to give treatment in depth, and independent research courses set up for the purpose of giving the advanced students some understanding of the problems of historical investigation.  

A student majoring in History will concentrate his work in one of the two major areas of the History curriculum: European history or American history.

Students electing the European concentration are required to take the following History courses: The European sequence block (321, 322, 323 and 324); any two courses selected from the American sequence block (351, 352, 353, 354); Historiography (381), preferably in the junior year; and the Senior Seminar in European history (497, 498).

Students electing the American concentration are required to take the following History courses: The American sequence block (351, 352, 353, 354); any two courses selected from the European sequence block (321, 322, 323, 324); Historiography (381), preferably in the junior year; and the Senior Seminar in American history (493, 494).

History majors are encouraged to begin their major work in the sophomore year. Advanced History majors are urged to take at least two additional history courses at the 400 level, which provide studies in depth.

A minor in History will consist of 15 hours of which at least 9 will be in upper division history courses selected by the student to reinforce his major field.

101, 102 — Survey of Western Civilization  
Credit, 3 semester hours each semester  
Man’s development during the last six thousand years with emphasis upon those institutions, events, and men which have shaped Western society.

251, 252 — History of the United States  
Credit, 3 semester hours each semester  
A comprehensive survey of the development of the United States from the discovery of America to the Second World War.

265 — History of the Pacific Northwest  
Credit, 2 semester hours  
A regional history of the Pacific Northwest from the discoveries to 1920 and of the history and government of the State of Washington.

321G — The Middle Ages  
Credit, 3 semester hours  
The transition from the Ancient to the Medieval World and the development of Medieval institutions, the height of the Medieval World, and its subsequent decline.

322G — Early Modern Europe  
Credit, 3 semester hours  
From the Renaissance through the Reformation and the rise of the modern state and world economy to the Peace of 1763.

323G — Europe, Revolution and Reaction — 1763-1870  
Credit, 3 semester hours  
An inquiry into the causes, course of events and significance of the French Revolution and Empire; the impact of social, economic, intellectual, and political forces and events on Europe and the world, down to the Franco-Prussian War of 1870.

324G — Recent European History — 1870-1945  
Credit, 3 semester hours  
Examines Europe in the late 19th century, the new balance of power and social forces contributing to the turbulence of the 20th century—through the Second World War.

351G — The Colonial Period of American History  
Credit, 3 semester hours
Traces the main threads in the development of American culture from the first settlements in Virginia to achievement of independence.

352G — The Rise of American Democracy
Credit, 3 semester hours
A study in the emergence of the United States as a viable nation from the Constitution Convention of 1787 to the Mexican War.

353G — The Triumph of American Nationalism
Credit, 3 semester hours
A treatment of the evolution of the United States as a modern industrial nation, beginning with the final challenge to nationalism in the Civil War era to the triumph of urban-industrialism in 1896.

354G — The United States in the Twentieth Century
Credit, 3 semester hours
A study of the struggle of the United States to adjust to modern socioeconomic problems domestically and the demands of big-power status in international affairs, from McKinley's election in 1896 to the present.

381G — Historiography
Credit, 2 semester hours
Analysis of the way in which history has been written and the historians who wrote it, European and American. Covers the period from the ancient Greeks to the present. Undertaken jointly by all members of the Department.

401G — The Ancient World
Credit, 3 semester hours
A lecture course, built around Ancient Greece and Rome.

411G, 412G — History of England and the British Empire
Credit, 3 semester hours each semester. Prerequisite, adequate background in European history, or permission of instructor
The first semester covers the history to 1688; the second semester from 1688 to the present.

414G — History of Russia
Credit, 4 semester hours
An inquiry into the historical background of events leading to the Revolution in 1917, Communism, and the Soviet Government.

416G — History of the Far East
Credit, 4 semester hours
A survey of history and culture, primarily of China and Japan, but including some of India and other Asian areas. The emphasis is on the 19th and 20th centuries, and relations with the Western world.

422G — The Renaissance and Reformation
Credit, 3 semester hours. Prerequisite, History 322
A study of the significant developments in the fine arts, religion, philosophy, politics, and economics in Italy during the 14th and 15th centuries, and their impact upon the rest of Europe; and a study of the religious and political crises in Western Christendom.

423G — The French Revolution and Napoleonic Era
Credit, 3 semester hours. Prerequisite, History 323
An examination in depth into the Revolutionary decade and the reign of Napoleon, and the impact of both upon Western society.

424G — Twentieth Century European History
Credit, 3 semester hours. Prerequisite, History 324
An inquiry into the causes and events of the two great World Wars of this century and their significance to Europe and the world.

461G — Early American Foreign Policy
Credit, 3 semester hours. Prerequisite, History 352 and 353, or permission of the instructor
The analysis of United States foreign policy in the nineteenth century from its foundations in the Farewell Address and Monroe Doctrine to the erosion of isolation in the 1890’s.

462G — The United States as a World Power
Credit, 3 semester hours. Prerequisite, History 354, or permission of the instructor
The study of United States foreign policy from the Spanish-American War to the conclusion of the Korean War, emphasizing the oscillation between isolation and involvement in world affairs.

463G — The Emergence of American Culture
Credit, 3 semester hours
A study of the evolution of a uniquely American social and intellectual style from the colonial years to the mid-nineteenth century.
464G — The Growth of American Urban-Industrial Culture
Credit, 3 semester hours
An analysis of the developing urban-industrial style in American society and thought, from the economic revolution of the late nineteenth century to the present.

465G — The Progressive Period
Credit, 3 semester hours
A depth study of the Progressive reform movement from its birth in the reaction of McKinley's days to its flowering in the conservation movement under Theodore Roosevelt and Woodrow Wilson.

466G — The New Deal
Credit, 3 semester hours
Starting with the collapse of the old order in the Great Depression, the course studies in depth the virtual rebirth of the United States during the administration of Franklin D. Roosevelt.

475G, 476G — The History of Latin America
Credit, 2 semester hours each semester
A survey of the history of Latin America from discovery to 1815; second semester covers the Latin American nations after independence.

491G, 492G — Reading and Conference
Credit, 2 semester hours each semester. Permission of instructor and department head required

493G, 494G — Seminar in American History
Credit, 2 semester hours each semester. Both semesters are required

497G, 498G — Seminar in European History
Credit, 3 semester hours each semester. Both semesters are required

Home Economics

Assistant Professors Kratzberg (Chairman), Hall; Instructor Mellinger

Students who major in Home Economics may earn the degree of Bachelor of Arts in Home Economics, or Bachelor of Science in Home Economics. Any major in Home Economics must include courses 101, 102, 105, 106 or 221, 121, 201, 202, 301, 328, 351, 352, 361 and 364. However, to be recom-
mended as a professional home economist or for a graduate appointment, a student must offer three additional hours of upper-level work.

The courses to satisfy minors will be determined in conference on the basis of the student's objectives.

Home Economics majors must elect Biology or Chemistry to satisfy science requirement for graduation if they have not had both in high school. Any exceptions must be approved in writing by the chairman of the Home Economics Department.

Requirements for the Home Economics Education major include: a major in Home Economics, nine hours of student teaching in the major area and other requirements as set up by the School of Education. Any student planning to teach Home Economics should, during the freshman year, have a conference with the Home Economics teacher trainer.

101, 102 — Textiles
Credit, 2 semester hours each semester
Natural and manufactured fibers, processes of fabric construction, physical characteristics of fibers and fabrics, economics of textile industry, and use and care of textile products.

105, 106 — Clothing
Credit, 2 semester hours each semester
Fabrics pertaining to clothing construction, and principles of construction methods. Two two-hour laboratory and lecture periods.

111 — Nutrition (Nurses Only)
Credit, 2 semester hours

112 — Therapeutic Nutrition (Nurses Only)
Credit, 2 semester hours

121 — Marriage and the Home
See Sociology 121.

201 — Food and Nutrition
Credit, 3 semester hours
Chemical and physical characteristics of foods, principles of food preparation and purchasing, some experimental studies, and elementary nutrition. One recitation and one three-hour laboratory.

202 — Meal Management
Credit, 3 semester hours
Principles of meal management. One recitation, two two-hour laboratories.

221 — Family Clothing
Credit, 2 semester hours
A study of the family's clothing needs, and the economic importance of the clothing industry.

301G — Nutrition
Credit, 3 semester hours
International and national nutrition problems. Nutrition of the individual.

325G — Draping and Pattern Design
Credit, 2 semester hours
Pattern design, use of fabric to portray designs, and couture fashion techniques.

328G — Child Development
Credit, 3 semester hours. Prerequisite, Psychology 201
Growth and development of the normal child, birth to the teens; observation in nursery school. Two recitations and one two-hour observation.

330G — Costume and Culture
Credit, 3 semester hours
A critical study of costume.

351G — Related Art
Credit, 3 semester hours. Prerequisite, Art 101 or Art 107
Application of art principles to home and personal use. Three recitations.

352G — Interior Design
Credit, 3 semester hours. Prerequisite, 351 for Home Economics majors. Prerequisite, Art 101 or Art 107 for other students
General survey of the subject, including the relation of the house to the occupant, interior architecture, background, furniture arrangements, color.

359G — Special Methods of Teaching Home Economics
See Education 359. Offered Fall 1968 and alternate years

361G — Household Management
Credit, 3 semester hours
Use of family resources, time, energy, money, mental and spiritual resources, and decision-making in attaining desired values for the family and the individual.
364 — Personal and Family Finance
See Business Administration 364.

409G — Home Planning and Design
Credit, 3 semester hours
Home planning to meet the family's specific needs in location, cost, size, and personal interests.

422G — Tailoring
Credit, 2 semester hours. Offered in alternate years
Principles of tailoring; planning and construction of suits. One three-hour meeting with lecture and supervised laboratory.

432G — Advanced Food Preparation
Credit, 2 semester hours. Prerequisite, 201 and 202. Offered in alternate years
Study of food from historical, social and economic viewpoints; foreign food; techniques of demonstration.

491G, 492G — Directed Study and Conference
Credit and time to be arranged. Enrollment only by permission of instructor.
Individual study, reading, written reports and conferences.

Mathematics
Professor Goman (Chairman); Associate Professors Lantz, Sims; Assistant Professor Harrison

Preparation for college mathematics should include as many of the basic high school mathematics courses as a student can obtain. In studying mathematics, the student should emphasize the logical development of the general theory as well as the techniques involved. Course placement for the entering freshman will be determined by the result of the College Board tests, high school record and an interview.

A major in mathematics will include at least 12 upper-level hours in mathematics. Six of these hours must be in a year sequence. A minor in mathematics will include a sequence of courses that will extend at least through Mathematics 222.

111 — College Algebra and Trigonometry
Credit, 4 semester hours
Fundamental functional relationships, ratio, proportion, determinants, mathematical induction, trigonometric relationships with the emphasis on identities, and the solution of oblique triangles.

121, 122 — Analytic Geometry and Calculus
Credit, 4 semester hours each semester. Prerequisite, Course 111 or evidence of sufficient mathematical maturity as indicated by College Board scores and high school courses and grades
141, 142 — Mathematics for Business and Economics
Credit, 3 semester hours each semester. Prerequisite, 3 semesters of high school algebra
Study of mathematical concepts and techniques frequently used in Business Administration and Economics. Includes topics from Algebra, Logic, Calculus, Linear Algebra and Probability.

151 — Basic Concepts of Mathematics
Credit, 3 semester hours
Designed for the student who wishes to know something about the philosophy of mathematics and who wishes to develop an appreciation for mathematics, but does not have time to develop the necessary techniques.

211 — Introduction to Computer Programming
Credit, 2 semester hours

221, 222 — Calculus, Differential Equations and Linear Algebra
Credit, 4 semester hours each semester. Prerequisite, Course 122

241, 242 — Basic Concepts of Mathematics for Elementary Teachers
Credit, 3 semester hours each semester
The course is designed to give to future elementary teachers the logic and concepts that will be helpful in their understanding of the mathematics they will be teaching.

333G, 334G — Abstract Algebra
Credit, 3 semester hours each semester. Prerequisite, Course 222, or permission of the instructor

363G, 364G — Complex Variables
Credit, 3 semester hours each semester. Prerequisite, Course 222 or permission of the instructor

371 — Elements of Statistics
Credit, 3 semester hours. Required for psychology, sociology and education majors

401G, 402G — Advanced Calculus
Credit, 3 semester hours each semester. Course 222 is prerequisite to 401, and 401 to 402

433G, 434G — Introduction to Mathematical Statistics
Credit, 3 semester hours each semester. Prerequisite, Course 222

491G, 492G — Directed Study and Conference
Credit, 2 to 4 semester hours. Open only to qualified students

493G, 494G — Seminar
Credit, 2 semester hours
The School of Music

Professors Rodgers (Director), Ostransky; Associate Professors Booth, Keiser, Myles, Oncley, Seferian; Assistant Professors Herlinger, Patterson, Taylor

The University of Puget Sound is a Member of the National Association of Schools of Music.

The School of Music offers courses leading to the Bachelor of Music degree, the Bachelor of Arts degree with a major in music and the Master of Music degree.

The School sponsors the following activities: Adelphian Concert Choir, of forty mixed voices, admittance being by audition only; University Madrigal Singers, of twelve mixed voices, specializing principally in performance of vocal music of the 16th and 17th centuries; University of Puget Sound-Tacoma Symphony, whose membership consists of university students and residents of the community; University Choral Society, a large mixed chorus drawing its membership from university students and residents of the surrounding area, performing large choral works with the symphony orchestra including the annual performance of Messiah at Christmas time; Chapel Chorus prepares anthems and service music for weekly University Chapel; University Concert Band; Opera Workshop; small vocal and instrumental ensembles; concerts and recitals by faculty, visiting artists and students.

All students who are minors in music are expected to attend a majority of the concerts, (faculty, visiting artist and student) sponsored by the School of Music. All students who are music majors (Bachelor of Arts, Bachelor of Music or Master of Arts) are required to attend a majority of such concerts and recitals.

The following curricula are offered to fulfill the minimum music requirements of the Bachelor of Music degree:

### Bachelor of Music, with Major in Cello or Violin:

<table>
<thead>
<tr>
<th>Hours</th>
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<tbody>
<tr>
<td>Violin or Cello</td>
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<tr>
<td>2 Lessons per week, 3 or more hours of practice daily, 4 credits per semester.</td>
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<tr>
<td>Piano</td>
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<tr>
<td>Theory 101, 102; 201, 202; 561, 562; 563, 564</td>
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<tr>
<td>Music Literature 503, 504; 531, 532 or 533, 534</td>
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<tr>
<td>Conducting 507, 508</td>
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<tr>
<td>Ensembles</td>
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</tbody>
</table>

*Up to 6 credit hours may be waived by special examination.

### Bachelor of Music, with Major in Organ:

<table>
<thead>
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<th>Hours</th>
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<tbody>
<tr>
<td>Organ</td>
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<tr>
<td>2 lessons per week, 3 or more hours of practice daily, 4 credits per semester.</td>
</tr>
<tr>
<td>Piano</td>
</tr>
<tr>
<td>Theory 101, 102; 201, 202; 561, 562; 563, 564</td>
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<tr>
<td>Music Literature 503, 504; 531, 532 or 533, 534</td>
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<tr>
<td>Conducting 507, 508</td>
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<tr>
<td>Ensembles</td>
</tr>
<tr>
<td>Music Electives</td>
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</tbody>
</table>

*Ensemble required each semester of residence.

### Bachelor of Music, with Major in Voice:

<table>
<thead>
<tr>
<th>Hours</th>
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<tbody>
<tr>
<td>Voice</td>
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<tr>
<td>2 lessons per week, 2 or more practice hours daily, 4 credits per semester.</td>
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<tr>
<td>Piano</td>
</tr>
<tr>
<td>Theory 101, 102; 201, 202; 561, 562</td>
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<tr>
<td>Music Literature 503, 504; 531, 532 or 533, 534</td>
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<tr>
<td>Conducting 507, 508</td>
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<tr>
<td>Ensemble</td>
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<tr>
<td>Music Electives</td>
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</tbody>
</table>

*Unless waived by special examination.

### Bachelor of Music, with Major in Piano:

<table>
<thead>
<tr>
<th>Hours</th>
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<tbody>
<tr>
<td>Piano</td>
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<tr>
<td>2 lessons per week, 3 or more hours practice daily, 4 credits per semester.</td>
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<tr>
<td>Theory 101, 102; 201, 202; 561, 562; 563, 564</td>
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<tr>
<td>Music Literature 503, 504; 531, 532 or 533, 534</td>
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<tr>
<td>Conducting 507, 508</td>
</tr>
<tr>
<td>Ensembles, Piano Ensembles and other ensembles</td>
</tr>
<tr>
<td>Accompanying 251, 252</td>
</tr>
<tr>
<td>Music Electives</td>
</tr>
</tbody>
</table>

*Ensemble required each semester of residence.

*Unless waived by special examination.
Bachelor of Music, with Major in a Wind Instrument or Percussion:

Applied Music (Major Instrument) 32
2 lessons per week, 3 or more hours of practice daily,
4 credits per semester.

Piano ......................................................... 4
Theory 101, 102; 201, 202; 561, 562; 563, 564 ... 26
Music Literature 503, 504; 531, 532 or 533, 534 ... 10
Conducting 507, 508 .................. 4
Ensembles^ .............................. 4

Bachelor of Music, with Major in Theory and Composition:

Applied Music 4 16
2 lessons per week, 1 or more hours of practice daily,
2 credits per semester.

Theory 101, 102; 201, 202; 315, 316; 401, 402; 561, 562; 563, 564 ... 34
Music Literature 503, 504; 531, 532 or 533, 534 ... 10
Conducting 507, 508 .......................... 4
Ensembles ............................. 6
Music Electives, must include other theoretical studies
under 501, 502. ............................... 10

Bachelor of Music, with Major in Music Education:

Applied Music (Major Instrument) 6
1 lesson per week, 1 or more hours of practice daily,
1 credit per semester.

Applied Music (Minor Instrument)^ 2
1 lesson per week, 1 or more hours of practice daily,
1 credit per semester.

Theory 101, 102; 201, 202; 563*, 566* .................................. 22
Music Literature 503, 504 .................................. 6
Conducting 507, 508* .................................. 4
Ensemble^* ....... .......................... 6
Music Education 279, 280; 378, 379; 479*, 480* ...... 7

Secondary Teachers 53
Elementary Teachers 43
Dual Recommendation 43-53
(See following under "Dual Recommendation")

The School of Music requires of Music Education majors the completion of specific requirements for secondary piano (functional piano facility) prior to graduation.

Psychology 201 is required of all Music Education majors. This can be counted toward the general University requirement in social studies.

Pacific Northwest History 251 is required but this requirement may be met by examination or by correspondence. Fulfilling this requirement may be postponed until the fifth year.

Elementary Teachers — An elementary music teacher will major in music as previously indicated (43 semester hours minimum) and minor in some other academic field (15 semester hours).

In addition, specific University requirements and the following courses must be completed:

1. Non-Professional Requirements: Geography 100; Art 101 and 461; Speech 101; Health and P.E. 365; Mathematics 151.
   (Mathematics 151 will be waived if a student is proficient in this subject.)
2. Professional Requirements: Education 201, 302, 345, 349, 350, 401, 402, 417, September Experience. (Education 402 is optional but is recommended.)

Secondary Teachers — A secondary music teacher will major in music as previously indicated (53 semester hours minimum) and minor in some other academic field (15 semester hours).

In addition to specific University requirements, the following courses must be completed:


*Elementary teachers omit Music 479, 480; 508, 563, 566

^At least 8 credits must be taken in piano unless waived by special examination. Applied music to continue throughout the 4 years. At least one semester each in the study of 3 orchestral instruments to include one instrument in each section of the orchestra—i.e., strings, woodwinds, and brass.

^Generally piano, except when piano is the major instrument.

^At least one major ensemble (Band, Orchestra, Chorus) must be taken each semester. Instrumental majors are required to take at least two consecutive semesters of chorus. Additional ensembles, without credit, may be required at the discretion of the Director of the School.

^Candidates with exceptional performing ability may, with the approval of the graduate music faculty, credit toward the master's degree an additional two hours of applied music to be deducted from the elective requirement.

Candidates qualifying for this option are required to give a public recital for which they will receive an additional three hours of credit. In lieu of a major thesis these candidates are permitted to complete a research paper for which three hours of credit will be given.
Dual Recommendation — A student may elect to seek the Provisional Certificate in both the elementary and secondary levels. In such cases a minimum of nine semesters will be necessary to complete the prescribed course of study. Students electing this plan will consult with the Director of the School of Music as to specific courses to be taken in the field of music (43 to 53 semester hours depending upon the area of interest of the student). A minor in some other academic field (15 semester hours) is also required in addition to specific University requirements and the following courses:

1. Non-Professional Requirements: Geography 100; Art 101 and 461; Speech 101; Health and P.E. 365; Mathematics 151.
   (Mathematics 151 will be waived if a student is proficient in this subject.)

Note: In each of the three plans the student must maintain a cumulative grade point average of 2.25 as well as 2.50 in music and 2.50 in the minor field.

The curricula for a major or minor in music with a Bachelor of Arts degree are:

**Music Major for the Bachelor of Arts:**
- Applied Music: 1 lesson per week, 1 or more hours of practice daily, 1 credit per semester.
- Theory 101, 102: 8
- Music Literature 103, 104; 503, 504; 531, 532 or 533, 534: 14
- Music Electives: 4

**Music Minor for the Bachelor of Arts:**
- Applied Music: 4
- Music Literature 103, 104: 4
- Music Electives, including 2 upper-level hours: 8

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**GRADUATE STUDY**

The following curricula are offered to fulfill the minimum requirements of the Master of Music degree:

**General Plan**

The Master of Music degree is offered in music education, theory and composition, church music, and applied music, the latter with a concentration in voice, piano, organ or orchestral instrument.

Prior to admission to candidacy for the degree, the student must demonstrate by examination suitable knowledge and skills as follows:

1. harmony—written and keyboard;
2. sight singing and melodic, harmonic and rhythmic dictation;
3. the history and literature of music and musical form;
4. major instrument or voice;
5. piano, equivalent to the undergraduate requirements for the music education major at the University of Puget Sound (to the extent of ability to play easy accompaniments, folksongs and chorales).

Deficiencies in these areas must be made up by taking undergraduate work or refresher courses without credit toward the master's degree.

**Master of Music in Music Education:**

In addition to the prerequisites stated previously, the candidate in Music Education must have completed a combined total of 30 semester hours of undergraduate study in Education and Music Education, and must have completed his student teaching. All candidates must demonstrate a competence in conducting. Instrumental majors are required to take a qualifying examination in orchestration and show a functional knowledge of wind, string and percussion instruments. Any deficiencies in these areas may be made up with work on the undergraduate level, two hours of which may apply toward the master's degree if the courses are numbered in the 500's.

<table>
<thead>
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<th>Semester Hours</th>
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<td>7</td>
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</table>

Any courses numbered in the 500's or followed by G, or any graduate level courses offered by the University with the approval of the advisor.
Master of Music in Applied Music:

Applied major performance field ........................................ 8
Ensemble ............................................................................. 2
Recital 622 .......................................................................... 4
Special Studies 501, 502 .......................................................... 4
Research and Bibliography 609 .................................................. 3
Graduate Seminar and Thesis 610 ............................................... 2
Stylistic Analysis 613 ............................................................... 3
Pedagogy or Major Instrument or Voice 651 ................................. 1
Electives .............................................................................. 5
May be chosen from Music, Education or Arts and Sciences. 32

(1) In Voice — In addition to the prerequisites stated under the general plan for the Master of Music degree, the candidate in voice must demonstrate performance consistent with the graduate level of achievement in voice, and must demonstrate a familiarity with the pronunciation of Italian, German, French and Latin.

The candidate must show an adequate repertoire consisting of at least six classical Italian songs, ten German Lieder; eight classical or modern French songs, six standard operatic arias, and four oratorio arias; and he must be prepared to demonstrate examples of each in his applied entrance examination.

(2) In Piano — In addition to the prerequisites stated under the general plan for the Master of Music degree, the candidate in piano must have a balanced repertory of the piano literature comprising such representative works as: Bach: A Suite, as well as Preludes and Fugues; Beethoven: one of the later Sonatas; Mozart: Sonatas; Chopin: ballades or scherzos and etudes; Debussy: preludes; Ravel: Miroirs; compositions by 20th century composers and at least one concerto. Candidates must have had considerable experience in ensemble playing and should be capable sight readers.

(3) In Organ — In addition to the prerequisites stated under the general plan for the Master of Music degree, the candidate must have acquired ability in transposition at sight, open score reading, and improvisation. He must have a balanced repertory of the organ literature of all schools, classic, romantic, and modern, of which are highly desirable works by the following: Bach: (Schirmer Edition) Book IV — Fantasy and Fugue in G minor; Book V — Sonatas; Franck: chorales, Piece Heroique; Widor: Symphony No. V; Mendelssohn: sonatas; Reger: Passacaglia and Fugue, choral preludes; compositions of the same grade of difficulty by representative contemporary American and foreign composers.

(4) In other Orchestral Instruments — In addition to the prerequisites stated under the general plan for the Master of Music degree, the candidate must show knowledge of the literature for his instrument and demonstrate advanced sight-reading ability and performance consistent with the graduate level of achievement in solo or ensemble or both.

Master of Music in Theory-Composition:

In addition to the prerequisites stated under the general plan for the Master of Music degree, the candidate in composition and theory should have completed courses in composition (one year), counterpoint including canon; show a reasonable knowledge of orchestral instruments; and furnish evidence of preparation and previous work in composition which is acceptable to the School of Music.

Composition 615 ................................................................ 5
Historical Survey of Theory 616 ............................................... 3
20th Century Composing Techniques 611 ................................. 3
Stylistic Analysis 613 ............................................................... 3
Ensemble or Accompanying ................................................... 2
Special Studies 501, 502 .......................................................... 4
Research and Bibliography 609 .................................................. 3
Graduate Seminar and Thesis .....................................................
Electives .............................................................................. 7
May be chosen from Music, or Arts and Sciences with the approval of the major advisor. 32

Master of Music in Church Music:

In addition to the prerequisites stated under the general plan, all candidates should be able to perform creditably as a soloist either in voice or organ. Candidates must demonstrate a competence in conducting and must show a knowledge of basic repertoire in sacred music for voice or organ and for church choir. Any deficiencies in these areas may be made up with work on the undergraduate level, two hours of which may apply toward the master’s degree if the courses are numbered in the 500’s.

Applied Music .................................................................... 6
4 semester hours of the major instrument and 2 semester hours of a minor instrument.

*A candidate majoring in theory and composition may submit for his thesis a composition of large proportions not less than ten minutes in duration. This work should represent the culmination of the candidate’s entire studies preceding the master’s degree.
The courses are arranged in groups under the headings of theory, history and literature, church music, choral and ensemble courses, applied music, public school music, and general graduate courses.

Note: Courses numbered in the 500's may be taken for graduate or undergraduate credit with the approval of the advisor.

I. THEORY

101, 102 — First-Year Theory

Credit, 4 semester hours each semester. Course 101 is a prerequisite for 102. Fundamentals of musicianship developed through a correlation of aural, visual, and vocal experience based on the major and minor scales, intervals, triads and figured bass. Special emphasis on rhythmic, melodic and harmonic dictation; sight-singing; elementary written harmony. Five periods weekly, extra aural drill is required.

201, 202 — Second-Year Theory

Credit, 4 semester hours each semester. Prerequisite, Courses 101, 102. A continuation of the fundamental approach of Courses 101, 102. Analysis of chorales; study and dictation of 7th chords, altered chords, augmented 6th chords and modulation. Emphasis placed on 4-part harmonic dictation; melodic dictation involving modulation, chromatic and modal melodies. Second semester devoted principally to the study and writing of counterpoint based on contrapuntal techniques of the 18th and 19th centuries. Five periods weekly plus one weekly period of aural drill.

315, 316 — Composition

Credit, 2 semester hours each semester. Prerequisite, Courses 201, 202. Creative expression in the larger forms through writing for various instrumental media, solo and ensemble. Three periods weekly.
401, 402 — Advanced Composition
Credit, 2 semester hours each semester. Prerequisite, Courses 315, 316
A continuation of Courses 315 and 316. Three periods weekly.

561, 562 — Analysis of Form and Texture in Music
Credit, 2 semester hours. Prerequisite, Courses 201, 202. Offered in alternate years
Analytical technique involving the smaller forms of musical composition as well as the variation, rondo and sonata-allegro forms.

563 — Orchestration
Credit, 3 semester hours. Prerequisite, Courses 201, 202. Offered in alternate years
Study of instrumentation; scoring for classical and romantic orchestra. Three periods weekly. Attendance at certain orchestra and band rehearsals required.

564 — Orchestration (For Bachelor of Music and Master of Music Students Other Than Music Education Majors)
Credit, 3 semester hours. Prerequisite, Course 563. Offered in alternate years
Scoring for the modern orchestra, and of original compositions. Three periods weekly. Attendance at certain orchestra rehearsals required.

566 — Band Arranging (For Music Education Majors)
Credit, 3 semester hours. Prerequisite, Course 563. Offered in alternate years
Principles of arranging and scoring for wind-based ensembles such as school marching and symphonic bands with special emphasis on problems of arranging for groups of limited ability. Three periods weekly. Attendance at certain band rehearsals required.

611 — Twentieth Century Composing Techniques
Credit, 3 semester hours
An analysis of the principal styles of contemporary music as exemplified in the works of Stravinsky, Bartok, Schoenberg, Schumann, Riegger, Webern, and others. An introduction to such composing techniques as bitonality, bimodality, atonality, twelve-tone and other serial techniques.

613 — Stylistic Analysis
Credit, 3 semester hours

615 — Graduate Composition
Credit, 5 semester hours

616 — Historical Survey of Theory
Credit, 3 semester hours

II. HISTORY AND LITERATURE

103, 104 — Introduction to Music Literature
Credit, 2 semester hours each semester
A non-technical study of the development of music, stressing the elements of musical understanding; study of representative compositions, with emphasis on their musical and historical importance. Two lecture periods weekly.

115 — Anatomy of Jazz
Credit, 2 semester hours
A survey course covering the development of jazz from its Civil War beginnings to the present, and its sociological impact on American society. Principal styles of jazz—New Orleans, Pre-Swing, Swing, Bop, Cool, Contemporary—are studied through the music of such representative jazzmen as King Oliver, Fletcher Henderson, Louis Armstrong, Benny Goodman, Charlie Parker, Miles Davis, Duke Ellington, Count Basie, John Lewis and Sonny Rollins.

503, 504 — History of Music in Western Civilization
Credit, 3 semester hours each semester. Admission only with approval of the instructor
A survey of the history of music from primitive times to the present with special emphasis on the stylistic and formal developments of music and the important movements in the history of music. Three lecture periods weekly and one listening period.

531 — Survey of Renaissance Music (1300-1600)
Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 503, 504. Offered in alternate years
A survey of music from the time of Jacopo da Bologna and Machaut to Monteverdi showing the development of musical texture, forms and compositional techniques. Two lecture periods weekly and one listening period.
532 — Survey of Baroque Music (1600-1750)
Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 503, 504. Offered in alternate years.
A survey covering the period from Monteverdi to J. S. Bach, stressing the development of the fugue, suite, opera, oratorio, concerto, cantata, etc. Two lecture periods weekly and one listening period.

533 — Survey of Classic and Romantic Music (1730-1900)
Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 503, 504. Offered in alternate years.
A survey covering the period from the pre-classical composer Porpora to Debussy, including a brief study of the writings of Mozart and Haydn and of the early influences which brought on the Romantic movement. Lives and works of Beethoven, Berlioz, Wagner, Verdi and their contemporaries are discussed. Two lecture periods weekly and one listening period.

534 — Survey of Contemporary Music (1900-)
Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 503, 504. Offered in alternate years.
A survey of styles and trends in contemporary music from Debussy and impressionism to recent developments. Two lecture periods weekly and one listening period.

541 — History of Opera
Credit, 2 semester hours.
An appreciation course covering the history of opera from early Florentine operas of Peri and his contemporaries through early opera in various countries during the Baroque period, 18th century opera, the Romantic operas of Rossini, Verdi, Wagner, and opera after 1900.

542 — History of Music in America
Credit, 2 semester hours.
A survey of music in America from the Ainsworth Psalter of the early Pilgrims through the first public concerts in Boston, Bethlehem, Pa., to a detailed study of music written by American composers since 1900. Foreign influences and early American musical organizations will also be considered.

III. CHURCH MUSIC

517 — Introduction to Church Music
Credit, 2 semester hours
The musical heritage of the great liturgies of the Church and important contemporary trends in music of the major denominations. Field work is required involving the observation of services of various Faiths.

518 — Hymnology
Credit, 2 semester hours
The contribution to hymnody of the various religious movements of history; resume of the major hymnals now in use; hymn selection; use of the hymnal and its concordances.

614 — Graduate Seminar in Church Music
Credit, 3 semester hours
IV. CONDUCTING, CHORAL, INSTRUMENTAL, ENSEMBLE AND PEDAGOGY CLASSES

251, 252 — Accompanying
Credit, 1 semester hour each semester. Permission of instructor required
Designed to give pianists the opportunity to accompany vocalists and instrumentalists under faculty supervision.

349, 350 — Service Playing
Credit, 1 semester hour each semester. Permission of instructor required
Organ accompaniment of hymn, anthem and solo; improvisation, modulation, and bridging techniques within the service.

351 — Piano Ensemble
Credit, 2 semester hours each semester

353, 354 — Opera Workshop
Basic techniques for the singing actor; traditional and contemporary acting in opera; preparation and performance of operatic scenes and/or chamber operas each semester.

451, 452 — Piano Pedagogy
Credit, 2 semester hours each semester. Permission of instructor required

507, 508 — Conducting
Credit, 2 semester hours each semester
First semester: Basic conducting techniques, elements of choral direction and choral analysis. Second semester: Instrumental conducting. Laboratory ensembles (both vocal and instrumental) are provided, under faculty supervision, for additional choral and instrumental conducting experience.
Band
Credit, 2 semester hours each semester
B169, B170; B269, B270; B369, B370; B469, B470; B569, B570. First, second, third, fourth, and fifth years of University Band.

Orchestra
Credit, 1 semester hour each semester
0169, 0170; 0269, 0270; 0369, 0370; 0469, 0470; 0569, 0570. First, second, third, fourth, and fifth years of UPS-Tacoma Symphony.

Small Ensemble
Credit, 1 semester hour each semester
S169, S170; S269, S270; S369, S370; S469, S470; S569, S570. First, second, third, fourth, and fifth years of Small Ensemble (Instrumental or Vocal).

Chapel Chorus
Credit, 1 semester hour each semester. Permission of instructor required
R169, R170; R269, R270; R369, R370; R469, R470. First, second, third, and fourth years of Chapel Chorus.

Choral Society
Credit, 1 semester hour each semester
C169, C170; C269, C270; C369, C370; C469, C470; C569, C570. First, second, third, fourth, and fifth years of University Choral Society.

University Madrigal Singers
Credit, 1 semester hour each semester. Permission of instructor required
M169, M170; M269, M270; M369, M370; M469, M470; M569, M570. First, second, third, fourth, and fifth years of University Madrigal Singers.

Adelphian Concert Choir
Credit, 2 semester hours each semester. Admission by audition only. Daily rehearsals of 50 minutes
171, 172; 271, 272; 371, 372; 471, 472; 571, 572. First, second, third, fourth, and fifth years of Adelphian Concert Choir.

651 — Pedagogy of Major Instrument or Voice
Credit, 1 semester hour

V. PUBLIC SCHOOL MUSIC
The aim of the curriculum in public school music is to prepare the student to teach and supervise music in the public schools. He must have broad, sound musicianship, knowledge of the subject-matter, skill in musical expression, and ability to adapt himself to the scholastic and community situations.

177 — Fundamental Music Experiences
Credit, 2 semester hours. Required for teaching certificate
A course designed to give experience in the major music activities in a public school music program and to lead to a working knowledge of music fundamentals.

279 — Methods of Teaching Brass and Percussion Instruments
Credit, 1 semester hour
Laboratory classes in the playing, teaching methods and materials of all brass and percussion instruments.

280 — Methods of Teaching Woodwind Instruments
Credit, 1 semester hour
Laboratory classes in the playing, teaching methods and materials of all woodwind instruments.

377 — Elementary School Music and Vocal Methods
Credit, 2 semester hours. Prerequisite, Course 177. (Music Majors are exempt from 177.)
The organization of the music program for the elementary school. A study of methods of teaching and materials for presenting music in the following areas: singing, rhythmic response, use of rhythm instruments, listening and creative activity. This course is designed primarily for the classroom teacher.

378 — Elementary and Junior High School Music and Vocal Methods
(For Music Education Majors)
Credit, 2 semester hours
The organization of the music program for elementary and junior high school from the point of view of the music specialist.

379 — Methods of Teaching String Instruments
Credit, 1 semester hour
Laboratory classes in the playing, teaching methods and materials of the violin, viola, cello and bass.

479 — Choral Techniques
Credit, 1 semester hour. Offered in alternate years
Class study of the organization, rehearsal techniques and materials for all types of vocal ensembles.
480 — Band Techniques
Credit 1 semester hour. Offered in alternate years
Class study of the organization, rehearsal techniques, and materials for all levels of band: concert, elementary and marching.

677 — Graduate Seminar in Music Education
Credit, 3 semester hours

VI. GENERAL GRADUATE COURSES

501, 502 — Special Studies
Credit, 1 or 2 semester hours each semester. Permission of the Director of the School of Music is required
Designed to offer advanced students the opportunity to do individual study, under faculty supervision, in areas in which the students show exceptional aptitude and keen interest. This includes counterpoint, historical and comparative musicology, and acoustics.

609 — Research and Bibliography
Credit, 3 semester hours
An introduction to the general methods and specific techniques of musical research. The course includes applied work-projects in compiling and evaluating bibliographies of biographies, Festschriften, bibliographies, histories of music, music anthologies, historical editions, publishers' catalogues, thematic catalogues, dictionaries and encyclopedias, and other bibliographic tools.

610 — Graduate Seminar
Credit, 2 semester hours

622 — Graduate Recital
Credit, 3 or 4 semester hours

697, 698 — Thesis
Credit to be arranged

VII. APPLIED MUSIC
Private hours to be arranged with the instructor. Credit according to the number of lessons per week and the number of practice hours per day. Use the following system of numbers in registration in consultation with the Director, School of Music:

Organ: 189, 190; 289, 290; 389, 390; 489, 490; 589, 590, for first, second, third, fourth or fifth year.
Piano: 191, 192; 291, 292; 391, 392; 491, 492; 591, 592, for first, second, third, fourth or fifth year.
String Instruments: 193, 194; 293, 294; 393, 394; 493, 494; 593, 594, for first, second, third, fourth or fifth year.
Voice: 195, 196; 295, 296; 395, 396; 495, 496; 595, 596, for first, second, third, fourth or fifth year.
Wind Instruments: 187, 188; 287, 288; 387, 388; 487, 488; 587, 588, for first, second, third, fourth or fifth year.

Lessons which fall on official University holidays cannot be made up. No make-up lessons for absences unless absence is due to illness.

*Class Piano is offered for students who lack sufficient background to warrant private lessons. No credit is given. Students in Class Piano may take private lessons upon satisfactory completion of a proficiency test and permission by the head of the piano department.

Natural Science

This major is particularly designed to serve the needs of prospective science teachers at the junior high or the senior high school level. In addition to meeting the requirements for either a B.A. or a B.S. degree, it provides for intensification in one field of science as well as giving a background in the other areas of natural science.

General studies required are: English 3, language 14, social studies 9, humanities 9, education 18, and electives 6.

Emphasis in a given science can be secured through adoption of one of the following courses of study:

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50 or 48 or 56 or 58
The School of Occupational Therapy of the University of Puget Sound was founded in 1944 with the sponsorship of the Washington Tuberculosis Association. The curriculum of the school has been fully approved since 1947 by the Council on Medical Education of the American Medical Association and the Accreditation Committee of the American Occupational Therapy Association. Graduates, both men and women of the School, now occupy positions in armed services and veterans hospitals, as well as in civilian institutions such as: tuberculosis and psychiatric hospitals, and special psychiatric centers, general and orthopedic hospitals, community workshops, rehabilitation centers and schools for crippled children.

Occupational Therapy is the science and art of employing selected activities in a medically-prescribed rehabilitation program for the sick, injured and disabled. In planning these treatment programs, the occupational therapist must coordinate his knowledge of medical science and human dynamics in the selection of appropriate treatment media. Some of the media employed are the creative and manual arts, recreational and educational activities and the activities of daily living. A high level of initiative and resourcefulness is particularly important for carrying out the responsibilities in administrative and research positions of this rapidly developing profession. Since occupational therapy is a medical service profession the University must reserve the right to be selective in the acceptance and the continuance of the students in the curriculum on the basis of scholarship and good physical and mental health.

Students who wish to enter the course should make application to the Director of Admissions, University of Puget Sound. The application should state clearly that the student is applying for admission to Occupational Therapy so that the particular requirements of the curriculum are considered.

Transfer students will be asked to submit to the Director of the Occupational Therapy School letters of reference from counselors, former employers, and personal physician indicating academic and personal fitness for a service profession. All transcripts of previous college work must be submitted and whenever possible a personal interview should be arranged. Transfer students may also be asked to take a series of vocational aptitude tests or to furnish results of similar tests taken prior to application before final acceptance into the curriculum.

Fees for occupational therapy students are the same as those for other students in the University except for an additional $100 professional fee required to defray in part the cost of the clinical affiliation program. Unless otherwise arranged one quarter of this fee is billed to the student during each of his last four semesters in residence at the University.

The curriculum is open to men and women. Inquiries regarding general scholarships for entering freshmen and sophomores should be sent to the Director of Admissions. Special Occupational Therapy scholarships, grants and loans are available through the University but are reserved for upper-division students who have been in residence for at least one semester. Occasionally there are Occupational Therapy scholarships available for entering students from their own local community health or service organizations. The Director of Occupational Therapy will supply further information upon request.

The following two programs of study are offered:

1. THE DEGREE COURSE: Students may enter this course in their freshman year in college. The degree, Bachelor of Science in Occupational Therapy, is awarded at the end of the senior year after the student has completed the general University requirements for the academic degree as well as those for the professional course. Students enrolled in this program usually complete a minor in Psychology or other suitable field of study, such as Art, Music, Recreation as approved by the Director of Occupational Therapy. The following outline of courses is intended as a guide. All programs of study are approved by the Director in accordance with individual needs and interests of students and the minimum curriculum essentials established by the American Medical Association in collaboration with the American Occupational Therapy Association.

   Art 101 or 103, 247
   Biology 101, 102, 221, 222
   Home Economics 328
   Occupational Therapy Skills 182, 214, 315, 317, 319
   Occupational Therapy Theory 101, 104, 211, 304, 312, 401, 402, 470
1. PREPARATION COURSE: This program is designed for undergraduates in the University. In addition to the University requirements, the student must take a minimum of 120 quarter hours in required courses. The required courses include:

- Occupational Therapy Medical Science and Medical Lectures 377, 378, 421, 459, 460
- Psychology 201, 311
- Sociology 201
- Plus — General University requirements for a Bachelor's degree, excluding the foreign language requirement.
- Electives — from other departments in the University.

Occupational Therapy 500 — Clinical Affiliations.

2. ADVANCED STANDING COURSE: This program is designed for the graduate student with an academic degree in a related field. The course must be started with the Summer Session unless the student has recently completed a portion of the professional preparation courses. Advanced Standing students therefore usually attend one summer session, the following academic year, and the same clinical affiliations as required for the Degree Course.

The instruction in Medical Lectures is given by qualified physicians of the Pierce County Medical Society under the guidance of a Medical Advisory Board and through the cooperation of physicians in special clinics in local institutions. Undergraduate occupational therapy students combine their theoretical studies in the college classrooms with observation of actual treatment of patients in local occupational therapy departments through the cooperation of members of the Washington Occupational Therapy Association, local hospitals and public schools.

All students in occupational therapy register for a minimum of nine months of Clinical Affiliations or internship after they complete their academic preparation in residence at the University. Students with the proper prerequisites may take three months of the clinical affiliation in the summer months between the junior and senior year, thus shortening the affiliation period remaining after graduation. This clinical affiliation is arranged by the Supervisor of Clinical Affiliations in a variety of hospitals and/or rehabilitation clinics giving the student opportunity for actual experience in occupational therapy under the supervision of registered occupational therapists. The student may wish to take all of his clinical affiliations in Washington and Oregon or choose from approved hospitals and clinics affiliated with the University in the continental United States and Hawaii. Many of the affiliating institutions provide stipends, partial or full maintenance for occupational therapy students.

Upon satisfactory completion of both the academic preparation and clinical affiliation the student is eligible to take the National Registration Examination (American Occupational Therapy Association) given biannually at the
University. Following successful completion of this examination, a Certificate in Occupational Therapy is also awarded by the University, in addition to the Bachelor of Science in Occupational Therapy awarded at the end of senior work. The Certificate is a statement rather than an academic degree certifying that the student has satisfactorily completed the minimum curriculum essentials as approved by the Council on Medical Education of the American Medical Association and the American Occupational Therapy Association.

A grade of C or better must be earned in all courses required for the Occupational Therapy major. These include Anatomy, Physiology, General Psychology, General Sociology, Abnormal Psychology, and Child Development, in addition to all courses taught in the School of Occupational Therapy.

Occupational Therapy 104, 211, 304, 312, 401, 402, 421, 459, 460, 470 are professional courses open only to department majors. Occupational Therapy 101, 182, 214, 315, 317, 319 are open to any student in the University but first preference for registration must be given to department majors.

101 — Introduction to Occupational Therapy

Credit, 3 semester hours

A study of the philosophy and history of occupational therapy, with films used to portray various dysfunctions. Introduction to basic professional ethics terminology, and treatment methods. This class may serve as an exploratory course for those students without definite career plans.

104, 211, 312 — Orientation

Credit, 1 semester hour each semester. Prerequisite, Course 101

Each numbered course offers 30 clock-hours per course in occupational therapy departments of local hospitals and/or public schools for observation and instruction by registered occupational therapists.

182 — Therapeutic Activities

Credit, 2 semester hours

Emphasis on printing and the graphic arts. Projects in straight composition involving basic operations of job printing. Methodology and techniques of graphic design. Evaluation criteria applied to craft materials and processes for use in treatment.

214 — Therapeutic Activities

Credit, 2 semester hours

Special emphasis on leatherwork, basketry and the needlearts. Practical uses in treatment with additional focus on the teaching of activities to the patient.

304 — Occupational Therapy in Psychiatry

Credit, 2 semester hours. Prerequisite, Psychology 311. To be taken concurrently with Occupational Therapy 460.1

Historical survey, current theories and practices of occupational therapy in psychiatry. Application of treatment to meet the needs of the mentally ill and the mentally retarded. Exploration of community relationships and legislation in the field of mental health. Lectures, field trips and conferences.

315 — Weaving

Credit, 3 semester hours

Study of basic techniques of hand and harness loom weaving. This includes dressing of looms, weaving of basic patterns, and the adaptation of this ancient skill to modern treatment concepts and practices.

317 — Woodworking

Credit, 3 semester hours


319 — Group Techniques

Credit, 4 semester hours. Prerequisite, Psychology 201 and Sociology 201

A consideration of leadership skills and the principles of group work. Recreational needs of handicapped and aged persons; trends of service to these groups. Opportunities for personal leadership experience within the laboratory and a community-based practicum.

340 — Special Problems

Credit, 1 or 2 semester hours

Available only through special arrangement with the Director of the School.

377, 378 — Kinesiology

Credit, 3 semester hours first semester, 2 semester hours second semester. Prerequisite, Biology 221, 222

The course is designed particularly for majors in occupational therapy and physical education. The first semester course includes a detailed study of skeletal muscles. The second semester includes a study of the mechanics of human motion and an analysis of activities and daily living.
396 — Independent Research  
*Credit, 1 or 2 semester hours*  
For selected advanced undergraduates. Research studies, surveys of selected problems, or individual and group investigation.

401, 402 — Advanced Theory  
*Credit, 2 semester hours first semester, 4 semester hours second semester*  
A study of specific techniques of occupational therapy treatment in all disability fields except psychiatry. Includes a review of teaching skills, principles of departmental organization and administration, personnel supervision, and professional reporting as related to the occupational therapy field.

421 — Applied Functional Anatomy  
*Credit, 1 semester hour*  
A seminar with emphasis on the relationship between the neuro-muscular skeletal system and occupational therapy techniques.

459, 460.1 — Medical Lectures  
*Credit, 3 semester hours (O.T. 459), 1 1/2 semester hours (O.T. 460.1)*  
Lectures and clinics pertaining to aspects of medicine and treatment most closely related to the effective practice of occupational therapy in physical dysfunction — neurology and neuroanatomy, general medicine and surgery, orthopedics, cardiology, cerebral palsy, ophthalmology, tuberculosis, and plastic surgery.

460.2 — Medical Lectures  
*Credit, 1 1/2 semester hours. Prerequisite, Psychology 311. To be taken concurrently with Occupational Therapy 304*  
Lectures and clinics pertaining to those aspects of medicine and treatment most closely related to the effective practice of occupational therapy in the field of psychosocial dysfunction. A study of personality development, adaptive processes, mental mechanisms, psychopathology, and sociol-legal aspects of psychiatry.

470 — Rehabilitation of the Handicapped  
*Credit, 2 semester hours*  
Principles and practices of rehabilitation in all disability fields and community agencies. This includes a review of legislation, private and government programs, work evaluation trends, and principles of job analysis.

500 — Clinical Affiliations  
*Credit, 2 semester hours for each month of affiliation*  
Nine months of internship in approved medical hospitals, rehabilitation
centers, schools and community workshops. The required three-month clinical affiliation in Psychiatry may be taken between the junior and senior year if the student has fulfilled the required prerequisites.

**Philosophy**

Professors Magee (Chairman), Regester (Emeritus); Instructor Scott; Lecturers Edrington, Robinson

A major should include Courses 205, 206, 263, 264, 305, 306, 363 and 371. Graduating seniors are expected to demonstrate familiarity with a list of basic philosophic writings supplied by the department.

A minor should include Courses 205, 263, 307 and 371, and either 206 or 305.

No course before 264 has a prerequisite.

It is preferable that students take the history of philosophy courses in sequence if possible.

101 — Philosophical Interpretations of the Western Religious Consciousness

*Credit, 3 semester hours. Acceptable to meet the University's religion requirement for military persons at off-campus University Centers. Does not count for a philosophy major or minor*

An introduction to the major interpretations of the religious consciousness of Western man in the Judeo-Christian tradition.

204 — Introduction to Philosophy

*Credit, 3 semester hours*

A course suitable for beginners in the subject and for those who desire a general cultural acquaintance with the nature and place of philosophy in human thought, its chief problems and achievements, and some of its significant thinkers.

205 — The History of Ancient and Medieval Philosophy

*Credit, 3 semester hours*

A chronological history of the beginnings of philosophy in ancient Greece up through the end of the Middle Ages.

206 — The History of Modern Philosophy from Descartes to Kant

*Credit, 3 semester hours*

The history of the beginnings of modern philosophy from the rationalism of Descartes in the seventeenth century through the skepticism of Hume and the critical reconstructions of Kant in the eighteenth century.

263, 264 — The Principles of Reasoning

*Credit, 2 semester hours each semester. Course 263 is prerequisite to 264*

The first semester is a study of deductive logic. The second semester will apply the tools learned in the first semester to an understanding of scientific methodology.

305 — The History of Modern Philosophy from Hegel to Dewey

*Credit, 3 semester hours*

The History of Modern Philosophy from the post-Kantian predecessors of Hegel at the end of the seventeenth century to John Dewey in the twentieth century.

306 — Contemporary Philosophy

*Credit, 3 semester hours*

A survey of recent developments in philosophy and a detailed examination of some currently discussed philosophical problems.

331, 332 — Philosophical Studies

*Credit, 2 semester hours each semester*

These studies will examine in rotation significant movements in philosophy and the works of major thinkers, ancient or modern.

363 — Symbolic Logic

*Credit, 2 semester hours*

A presentation of a logistic system and a discussion of related philosophical problems such as ontology, semantics and the foundation of mathematics.

371 — Ethics

*Credit, 3 semester hours*

A study of the major classical and modern theories of the right and the good along with contemporary meta-ethical theories of the logic of moral and ethical language.

372 — Social Ethics

*Credit, 3 semester hours*

An examination of modern social problems from the point of view of critically analyzed ethical theories coupled with analysis of such crucial concepts in social ethics as democracy, justice, welfare, and rights.
413, 414 — The History of Political and Social Thought
See Political Science 413, 414.

432 — Philosophy of Science
Credit, 2 semester hours
An examination of the logical structure of science. Typical topics dealt with are: the relation between theoretical statements and experimental laws, the possibility of the unity of science, the notion of verification and significance of scientific propositions. To some extent the course will be planned to fit the interests of the students enrolled.

443 — Aesthetics
Credit, 3 semester hours
An introduction to classical and modern discussions of the nature of art. The analysis of major concepts will be accompanied by a study of examples from the several arts such as painting, music, sculpture, poetry, and architecture.

463 — Asian Philosophy
Credit, 3 semester hours
A study of the major philosophies of India and China, concluding with the anti-rationalism of Japanese Zen.

482 — Philosophy of Religion
Credit, 2 semester hours
An examination of those aspects of religious faith which provoke philosophical questions, such as the existence of God, the meaning of evil, non-scientific ways of knowing, such as faith, revelation, and religious experience, and such beliefs as the meaningfulness of human existence, the efficacy of prayer, and immortality.

491, 492 — Reading in Philosophy
Credit as arranged. Open only to advanced students with the approval of the instructor
Individual study on selected topics, with reading, written reports, and conferences.

516 — Philosophy of Education
See Education 516.
Physical Education, Health and Recreation

Associate Professors Heinrick (Chairman), Bond; Assistant Professors Duncan, T. Lantz, Wilkerson; Instructors Ryan, Wallrof; Lecturers Bloom, Dippery, McDonell, Teats

Each applicant for admission to the University is required to furnish a report of a physical examination. A form for this report is provided when an application is first received. Health examinations are given students periodically by the University physician and staff. Consultation with this physician, and health advice, are available to students without cost.

The aim of the offerings in physical education is to help the student to develop understanding of the values of physical and recreational activities, and to help him acquire skills which will motivate him to keep active in order that he may live a healthy, happy life. Voluntary participation by every student in some intramural, class or varsity sport each semester is encouraged.

At least four semester hours of physical education activity must be taken by all students. All male freshmen must take PE 1 and PE 2. It is recommended that sophomores take PE 3 but the two credit requirements beyond PE 1 and PE 2 may be obtained through participation in intercollegiate athletics, coeducational sports or AFROTC. However, only one of the two credits may be obtained through AFROTC leadership lab.

All freshman women must take PE 51 during the fall semester. The other three semesters a woman may choose any activity numbered 52 through 99.

WOMEN'S PHYSICAL EDUCATION MAJOR AND MINOR PROGRAMS

A major in physical education for women must include courses 84, 105, 221, 222 (prerequisite, Biol. 101, 102), 251, 252, 268, 349, 351, 352, 365, 371, 372, 375, 377, 378, 461G, 472G and 458 or Education 403. Courses 151, 152, 181, 186, 238, 301, 319 and 385 are also recommended.

A minor in physical education for women on the secondary level should include courses 105, 251, 252, 268, 351, 352, 365 and 371. A minor in physical education for women on the elementary school level should include courses 105, 251, 252, 268, 351, 352, 365 and 371.

MEN'S PHYSICAL EDUCATION MAJOR AND MINOR PROGRAMS

A major in physical education for men must include courses 105, 121, (123, 126 and 128—any one of these three), 221, 222, 268, 351, 352, 365, 371, 372, 375, 377, 378, 461G and 472G. Courses 127, 234, 238, 301, 349, 352, 437G, 473G, 186 and 385 are additionally recommended.

A minor in physical education for men must include courses 121, (123, 126 and 128—any one of these three), 238, 268, 372 and 472G. Any upper division Physical Education Professional course will satisfy the remaining 2 hours which are required for a minor. A minor in athletic coaching for men is offered and includes courses 277, 234, 331, 332, 342, 437G and 461G. After a student completes the requirements for a minor, an "Athletic Coaching Certificate" is, upon his request, filed with his teaching credentials.

Requirements in education for certification to teach in the public schools are listed under the subject of education.

RECREATION MINOR (Both Men and Women)

A minor in recreation should include Art 101 or 103; Music 177; Physical Education 181 or 182, 186 and 385; Psychology 201; and Speech 379. The student's program should be planned in consultation with the instructor in recreation. Suggested skills to be acquired are in arts and crafts, games and sports, dancing, dramatics, musical and social recreation.

I. PHYSICAL EDUCATION ACTIVITY COURSES

Activity Courses for Men

1 — First-Year Gym Activity (Compulsory)

Credit, 1 semester hour. May be taken either semester. Required of all male freshmen

This course is intended to introduce the student to a range of activities with both immediate and continued recreational interest and physical value.

2 — First-Year Swimming Activity (Compulsory)

Credit, 1 semester hour. May be taken either semester. Required of all male freshmen

A swimming course designed to teach or improve four basic strokes — crawl, back crawl, sidestroke, and breaststroke. Includes the fundamentals of water polo, and basic water safety skills.

3 — Second-Year Activity

Credit, 1 semester hour. May be taken either semester

It is recommended that sophomores take this course and one of the co-educational courses in order to fulfill their four-hour requirement.

This course is intended as a continuation of the gym activity course (PE 1) for freshman, and will allow the student to improve his abilities in recreational activities. Emphasis will be placed on speedball, badminton and handball during the fall semester and on badminton, handball and tennis during the spring semester.
4, 5 — Third-Year Activity
Credit, 1 semester hour each semester
Students are to continue their activities in the sports emphasized in PE 3, upon arrangement with the instructor, or they may substitute one of the co-educational courses listed, 71, 79, 84 and 91 through 99.

13, 14 — Restricted Activity
Credit, 1 semester hour each semester
Corrective work involving prescribed and restricted exercises for students for whom the health examination shows need of precaution in exercise or of special corrective work.

21-29 — Intercollegiate Sports Program
Credit, 1 semester hour each semester
The practice of an intercollegiate sport throughout its entire season by a member of a varsity squad who is eligible to participate in athletics under the regulations of the University may be substituted for a semester of physical education. Not more than two semesters of the Physical Education requirement may be satisfied by intercollegiate athletics. For record, this activity should be registered under the following numbers: 21. Football; 22. Baseball; 23. Basketball; 24. Track; 25. Skiing; 26. Golf; 27. Swimming; 28. Tennis; 29. Wrestling. A student may register for PE 23, Basketball; 27, Swimming; or 29, Wrestling the first semester; however, the grade will not be recorded until the season has been completed.

32 — Swimming Activity for Men
Credit, 1 semester hour. May be taken either semester
A swimming activity course (intermediate and advanced) for sophomores, juniors and seniors who would like to take an additional swimming course as an elective. All the swimming strokes are taught and practiced, along with basic water safety procedures.

84 — Lifesaving
Credit, 1 semester hour. May be taken either semester
A co-educational course leading to Red Cross certification in Senior Lifesaving. The student enrolling in this course should be a reasonably strong swimmer. Includes techniques of rescue, use of safety equipment, methods of lifeguarding, and some basic pool management procedures.

Activity Courses for Women

Physical Education 50 to 99
Credit, 1 semester hour each semester
These courses are designed to encourage each woman’s understanding of her physical potential, the maintenance and intelligent use of her physical faculties, and an opportunity to develop skills which will contribute to living a well-balanced life. Only the courses listed under this section will fulfill the general requirement of four semester hours of physical education.
51. Freshman Activity
52. Spring Team Sports
53. Fall Team Sports, Advanced
54. Spring Team Sports, Advanced
61. Badminton and Tennis, Beginning
62. Badminton and Tennis, Intermediate
63. Tennis, Advanced
66. Archery, Beginning
71. *Square and Folk Dance
72. Contemporary Dance, Beginning
73. Contemporary Dance, Intermediate
74. Contemporary Dance, Advanced
76. Gymnastics and Tumbling, Beginning
77. Gymnastics and Tumbling, Intermediate
78. Conditioning and Track
79. Posture
81. Swimming, Beginning
82. Swimming, Intermediate
83. Swimming, Advanced
84. *Life Saving
85. Synchronized Swimming
91. ++Bowling, Beginning
92. ++Bowling, Advanced
93. ++Golf, Beginning
94. ++Golf, Intermediate and Advanced
95. ++Riding, Beginning
96. ++Riding, Advanced
97. ++Ice Skating, Beginning
98. ++Ice Skating, Advanced
99. ++Skiing

*Activity courses thus marked are co-educational.
†There is a special fee for courses thus marked, as they are given off-campus.
II. HEALTH AND PHYSICAL EDUCATION PROFESSIONAL COURSES

105 — Hygiene
See Biology 105.

121 — Tumbling and Apparatus (Men)
Credit, 2 semester hours
Theory and methods of teaching gymnastics and tumbling.

123 — Theory and Methods of Teaching Wrestling, Badminton and Volleyball (Men)
Credit, 2 semester hours

126 — Theory and Methods of Teaching Speedball, Touch Football, and Handball (Men)
Credit, 2 semester hours

128 — Theory and Methods of Teaching Tennis, Softball and Gym Bowling (Men)
Credit, 2 semester hours

151, 152 — Freshman Technique (Women)
Credit, 1 semester hour each semester
Two activities and a lecture period.

221 — Anatomy
See Biology 221.

222 — Physiology
See Biology 222.

227 — Training Aids (Men)
Credit, 2 semester hours
Theory and technique of taping and the treatment and care of athletic injuries.

234 — Methods of Officiating Sports (Men)
Credit, 2 semester hours

238 — History and Philosophy of Physical Education
Credit, 2 semester hours

251, 252 — Sophomore Technique (Women)
Credit, 1 semester hour each semester
Two activities and a lecture period.

268 — First Aid
Credit, 2 semester hours
Those completing this course satisfactorily will receive the Standard and Advanced First Aid Certificates issued by the American Red Cross.

301 — Nutrition
See Home Economics 301.

319 — Techniques of Group Leadership
See Occupational Therapy 319.

331 — Theory and Methods of Teaching Football and Track (Men)
Credit, 2 semester hours

332 — Theory and Methods of Teaching Basketball and Baseball (Men)
Credit, 2 semester hours

342 — Theory and Methods of Conditioning
Credit, 2 semester hours
A guide for planning and conducting physical conditioning programs with emphasis on the scientific principles underlying weight training, advanced training schedules, and specialized programs for competitors in various sports.

349 — Teaching Swimming and Water Safety
Credit, 2 semester hours, one hour lab to be arranged. Prerequisite, P.E. 84 or a current Red Cross Senior Lifesaving Certificate
A co-educational course in methods of teaching swimming from Beginners through Advanced Swimming and Lifesaving. Organization of swimming programs, pool management procedures, and supervision of aquatics activities. Those successfully completing the course will be issued the Red Cross Water Safety Instructor Certificate.

351, 352 — Methods of Teaching Sports (Women)
Credit, 2 semester hours each semester. Prerequisite, P.E. 151, 152, 251, 252, or a written and/or practical test showing proficiency in basketball, field hockey, softball, volleyball, badminton, gymnastics, tennis, track and field
The techniques of teaching and officiating hockey, soccer, speedball and
volleyball are covered the first semester; basketball, individual sports and softball are covered in the second.

365 — Health and Physical Education in the Elementary Schools  
*Credit, 2 semester hours*

371 — Methods of Teaching Rhythms (Men and Women)  
*Credit, 2 semester hours*

372 — Physical Education in the Secondary School (Men and Women)  
*Credit, 3 semester hours*

375 — Health Education in the Secondary Schools  
*Credit, 2 semester hours*

377, 378 — Kinesiology  
See Occupational Therapy 377, 378.

437G — Psychology of Athletic Coaching (Men)  
*Credit, 3 semester hours*

458 — Methods of Teaching Health and Physical Education (Women)  
*Credit, 2 semester hours. Prerequisite, a minor in Physical Education. Education 302 recommended*

461G — Physiology of Exercise  
*Credit, 2 semester hours*

472G — Tests and Measurements  
*Credit, 2 semester hours*

The purpose of this course is to give a nontechnical discussion of the uses of measurement and evaluation in physical education and to provide the student with a clear perspective of testing as part of teaching and learning.

473G — Methods in Teaching Physical Education Activities and the Management of Intramurals  
*Credit, 2 semester hours*

Two hours of laboratory and one hour of classroom work.

**IV. RECREATION**

See Occupational Therapy, 181, 182, 214.

181, 182, 214 — Minor Crafts

186 — Playgrounds, Their Administration and Operation  
*Credit, 2 semester hours*

Playground operation with particular emphasis on programs, administration, equipment and supplies, and playground problems. Students taking the course will be eligible for summer work with the Metropolitan Park District of Tacoma.

385 — Community Recreation—a guide to its administration and operation  
*Credit, 2 semester hours*

A course involving teacher-pupil participation through discussion; opportunities for the student to study, evaluate, and discuss recreation as a social force and its organization and administration, and also to work part-time in the public and private agencies of the city.

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**Physical Sciences**

Professors Anderson, Nelson; Associate Professors Brown, Chittick

101, 102 — Atmospheric Science and Astronomy  
*Credit, 4 semester hours each semester. Three lectures and one 3-hour laboratory per week.*

103, 104 — Physical Science  
*Credit, 4 semester hours each semester. Three lectures and one 2-hour laboratory a week.*

An integrated course in the sciences of the physical world.
Physics

Professors Nelson (Chairman), Seward (Emeritus); Associate Professors Brown, Danes; Assistant Professor Slee

The Bachelor of Arts degree with a major in physics may be granted upon completion of the general requirements of the University, including: 24 hours in physics (at least 14 of which are upper-level); mathematics through calculus; general chemistry; and two years of foreign language.

The Bachelor of Science degree may be granted upon completion of the above requirements plus 12 additional upper-level hours in physics and 6 additional upper-level hours in mathematics. The language chosen should be German, Russian, or French.

A physics minor may be obtained by completing two upper-level courses and one advanced laboratory course in physics.

Students enrolled in Physics 322, 352, 411 or 412 are expected to enroll concurrently in the corresponding advanced laboratory course, 332, 333, 434 or 435.

194 — Laboratory Arts

See Chemistry 194.

201, 202 — General College Physics

Credit, 5 semester hours each semester. Three lectures, one recitation, and one 3-hour laboratory per week. A non-calculus course. Prerequisites, high school algebra, geometry and trigonometry, or permission of the instructor. Not open to seniors except in special cases

211, 212 — General University Physics

Credit, 5 semester hours each semester. Three lectures, one recitation, and one 3-hour laboratory per week. Prerequisite, Mathematics 121

A course for students majoring in physics, chemistry, or mathematics.

306G — Analytical Mechanics

Credit, 3 semester hours. Prerequisites, Course 212 and Mathematics 222

322G — Circuits and Electronics

Credit, 3 semester hours. Prerequisite, Course 202 or 212

332G — Electronics Laboratory

Credit, 1 semester hour. One 3-hour laboratory per week. To be taken with Course 322

333G — Optics Laboratory

Credit, 1 semester hour. One 3-hour laboratory per week. To be taken with Course 352

351G, 352G — Electromagnetism

Credit, 3 semester hours each semester. Prerequisite, Course 212 and Mathematics 221

395, 396 — Junior Independent Research

Credit, 1 to 2 semester hours each semester

401G — Thermodynamics

Credit, 3 semester hours. Prerequisite, Course 212 and Mathematics 222

407G, 408G — Theoretical Physics

Credit, 3 semester hours each semester. Prerequisite, Courses 306, 352 and six hours of upper-level mathematics

411G, 412G — Atomic and Nuclear Physics

Credit, 3 semester hours each semester. Prerequisite, Courses 306 and 352, or permission of the instructor

434G — Atomic Physics Laboratory

Credit, 1 semester hour. One 3-hour laboratory per week. To be taken with Course 411

435G — Nuclear Physics Laboratory

Credit, 1 semester hour. One 3-hour laboratory per week. To be taken with Course 412

491G, 492G — Individual Project

Credit, 2 to 4 semester hours either semester

493G, 494G — Seminar

Credit, 1 or 2 semester hours either semester

495, 496 — Senior Independent Research

Credit, 1 or 2 semester hours

568 — Solid State

See Chemistry 568.
Political Science and Government
Associate Professor Heppe (Chairman); Assistant Professor T. Lantz;
Instructors Dragelevich, Green

Three different programs lead to a major in political science: (1) a
general political science program; (2) a special program in international
relations; (3) a special program in public administration.

A general major in political science should include Courses 100, 101, 291,
292, 413, 414 and additional hours from upper-level political science courses.

A major in international relations should include Courses 100, 101, 291 or
292, 321, 331, 413 or 414, and additional hours from upper level political
science courses.

A major in public administration should include Courses 100, 101, 306,
307, 313, 352, 413 or 414, and additional hours in upper-level political
science courses.

Each major program should be supplemented with courses from economics,
history, philosophy, psychology and sociology.
A minor in political science includes Courses 100, 101, 291 or 292 and six
hours of upper-level courses.

100 — Introduction to Political Science

Credit, 3 semester hours
A survey of the major fields in political science.

101 — American National Government

Credit, 3 semester hours
A survey of the constitution; three branches of government; administration;
civil rights; political parties.

121, 122 — Current National and International Problems

Credit, 2 semester hours each semester. Does not apply on a major or minor.
Background and interpretation of events and issues on the national and
world scene. Sources of current literature. A course designed to make the
general student a better-informed citizen, and to help him understand
America's place in international affairs.

291, 292 — Comparative Government

Credit, 3 semester hours each semester
A comparative study of selected foreign governments, from both the struc-
tural and functional standpoints. Aim of course is to broaden the interest
and understanding of the student by acquainting him with the political
institutions and methods that differ from those of the United States.
306G — Principles of Public Administration
Credit, 2 semester hours
The principles of public administration, structure and organization, financial management, administrative responsibility and the relation between the administration and other branches of government.

307G — State and Local Government
Credit, 3 semester hours

313G — Political Parties and Interest Groups
Credit, 3 semester hours
A socio-psychological approach to individual and group political behavior; an analysis of interest groups and their internal and external behavior; the development, organization, and operation of political parties in the U.S.; nominations and elections; money in politics. The emphasis throughout is on forces creating conflict and consensus in contemporary society.

314G — American Political Thought
Credit, 3 semester hours
Development of the American political tradition; the impact of such forces as Puritanism, the Revolution, Federalism, the frontier, slavery, nationalism, economic depression, global war.

321G — International Relations
Credit, 3 semester hours
International rivalry, alliances and power politics; imperialism; geographic, economic, political and population factors affecting the relations of nations. The basic course for a major in international relations.

331G — International Law and Organization
Credit, 3 semester hours
A survey of the international law of peace, war and neutrality, with emphasis on the political context of international law; a study of the development of international organization, with emphasis on analysis of such organizations as the League of Nations, United Nations, International Court of Justice and selected regional organizations.

332G — American Foreign Policy
Credit, 3 semester hours
History of diplomatic relations with foreign countries, negotiations and
treaties, with special attention to the role that American policy-makers and diplomats have played in world affairs.

341G — Canadian Government and Politics
Credit, 3 semester hours. Offered in alternate years
A study of the historical, political, economic and social factors which have contributed to the development of contemporary Canada and an analysis of the main political and economic problems which the country is facing in its present stage of development, including the search for a national identity, the French Canadian question and a splintered political party system.

352G — American Constitutional Law
Credit, 3 semester hours
The development of the basic principles of the American constitutional system of government; the role of the Supreme Court as a policy determinant. Some attention paid to case-method and brief-construction. A course for the general student and for the pre-law student.

363G — Public Finance
See Economics 363.

403G — The Legislative Process
Credit, 3 semester hours
Analysis of Congressional elections, constituent relations, policy-making and leadership; relations between Congress and administrative agencies; the committee system; seniority and procedure; Congress as an element in the party system.

404G — The Presidency
Credit, 3 semester hours
Analysis of the development of the powers of the American executive with emphasis on presidential interpretation of relationships with administrative, legislative and judicial branches; political parties, the military, the economy and the general public.

413G, 414G — History of Political and Social Thought
Credit, 3 semester hours each semester
A study of the major theories which have influenced mankind from the time of Plato to modern times. History 101, 102 are desirable background.

432G — Population and Society
See Sociology 432.

478G — Government and Business
See Economics 478.

491G, 492G — Readings in Political Science
Credit, 3 semester hours
A course to afford majors an opportunity to read selected books for the purpose of broadening their knowledge and understanding of the general field of political science and of the specific problems of government. This course may also be utilized for internships in municipal and state government.

493G, 494G — Seminar
Credit, 3 semester hours each semester
Seminars in political science will be utilized as demands justify for the purposes of individual projects, group study projects, field work, workshop courses. Admission requires staff approval.

Psychology
Associate Professors Fromong (Chairman), Anderson; Lecturers Bates, Hartley, Schalock, Sterling, Whitman

Psychology 201 is a prerequisite to all other courses in the department except course 204. Those students intending to elect Elements of Statistics, Psychology 371, should take the course early, perhaps even before course 201.

A major must include courses 201, 202, 342, 371, 430, and a minimum of nine additional upper-level hours. Two courses of Philosophy are also required, to be chosen from courses 263, 264 and 432.

All psychology majors, particularly those planning graduate study, are encouraged to elect courses in the biological sciences, including anatomy, physiology and genetics.

In addition to the above requirements, a student planning to apply for graduate school must complete one year of calculus, and is encouraged to elect more.

A minor should include courses 201, 202, 430, and a minimum of 6 additional hours. The courses for a minor may be determined on the basis of the student's objectives.

201 — General Psychology
Credit, 3 semester hours, offered both semesters
A survey of the field of psychology, including its history and systems. Topics covered include psychology as science, measurement, maturation, development, intelligence, aptitudes, motivation, emotion, personality, psychopathology, and group processes.
202 — Advanced General Psychology
Credit, 3 semester hours. Prerequisite, Psychology 201. Offered both semesters.
Emphasis is upon the neurological basis of behavior. Includes such topics as the nervous system, sensory basis of behavior, perception, learning, forgetting, and communication.

204 — Psychology of Adjustment
Credit, 3 semester hours
A study of human adjustment, including such topics as motivation, frustration, conflict, adjustive behavior. Emphasis is placed on a suitable application of adjustment principles to everyday life.

311 — Abnormal Psychology
Credit, 3 semester hours. Prerequisite, 6 hours of psychology, or Occupational Therapy major
A study of the nature of behavior pathology, with emphasis on developmental factors, behavior syndromes, and diagnosis and treatment.

315 — Psychology of Personality
Credit, 3 semester hours
A scientific approach to the study of personality development. Emphasis is placed on a consideration of the basic processes involved, as well as the contents and the consequences of behavior.

317G — Theory of Personality Development
Credit, 3 semester hours. Prerequisite, 6 hours of psychology
An examination of the major theories of personality development and structure.

328 — Child Development
See Home Economics 328.

342 — History and Systems of Psychology
Credit, 3 semester hours. Prerequisite, 6 hours of psychology
An historical survey of psychological thought from the Greeks to the modern period, with emphasis on the relation of this thought to developments in research. Contemporary issues are examined in historical perspective.

364 — Psychology of Religion
See Religion 364.

371 — Elements of Statistics
See Mathematics 371

381G — Social Psychology
Credit, 3 semester hours
A study of the psychological principles of social interaction. Specific topics include attitudes, public opinion, propaganda, morale, prejudice, group tension, and social motivation.

425G — The Study of the Child
Credit, 3 semester hours
A study of behavior and development in childhood. Emphasis will be placed on such basic psychological processes as motivation, perception, and learning. Social events and processes that affect the child's development will be studied. Considerable attention will be given to empirical research relevant to child psychology.

426G — The Study of Adolescence
See Sociology 426.

428G — The Learning Process
Credit, 3 semester hours. Prerequisite, 6 hours of psychology
An examination of the principal findings in learning, and the major theories interpreting them. Consideration is given to the basic methodological problems in the study of learning. Includes such topics as classical and instrumental conditioning, generalization, discrimination, extinction, reinforcement, concept formation, and the relationship of motivation to learning.

430G — Experimental Psychology
Credit, 3 semester hours. Recommend Psychology 371, or equivalent
A study of scientific methods, and specifically the experimental method. In the laboratory, experience is provided with the application of experimental techniques to psychological problems.

441G — Theory of Psychological Testing
Credit, 3 semester hours. Prerequisite, 12 hours of Psychology. Recommend Psychology 371, or equivalent
The concept of psychological measurement is applied to tests of intelligence, personality, interests and abilities. A survey of contemporary tests and an
intensive study of the characteristics and underlying assumptions of one representative test of each major type.

442G — Intelligence Testing
Credit, 3 semester hours. Prerequisite, Psychology 441
The application of psychological test methods in the measurement of intelligence in normal children and adults. Class meetings and field work.

491G, 492G — Reading in Psychology
Credit, 1 or 2 hours each semester. Open only to Majors with permission
Reading in an area of interest, and conference with a staff member. The name of the staff member supervising the reading should be indicated in registration.

494G — Seminar — Psychology
Credit, 2 semester hours. Open only to Majors with permission

Religion
Professors Phillips (Chairman), Magee; Associate Professor Albertson; Assistant Professor Overman; Lecturers Riehl, Smith

The Department of Religion seeks to aid the University in fulfilling its aims in the following ways:
1. By endeavoring to make the Christian religion an integral part of its students' lives;
2. By guiding individuals in the development of rich religious experiences;
3. By helping students become better churchmen through proved techniques in teaching religion in the home, in the church, and in the community.

Students who expect to enter graduate schools of religious education or theology should look under Career Programs in this catalog.

The general requirement of 3 hours of Religion can be met by any of the following courses: 105, 201, 202, 251, 252, 305, or 463.

The following meet the requirements for a major: Courses 201, 202, 251 or 252, 302, 304, 363 or 364, 463, 482, 485, 486, 493 or 494.

Minor requirements are met by the following: Courses 101, 201 or 202, 302 or 304, 363 or 364, and 3 additional hours, two of which should be in the Field Problems.

A modified major or minor may be arranged in consultation with the Chairman of the Department.

105 — Religion and Modern Man
Credit, 3 semester hours
An introduction to religion as a human phenomenon. This will include a brief study of various world religions. There will be an emphasis on the Judaeo-Christian tradition, understanding of the Bible, and the Christian movement.

201 — History and Literature of the Old Testament
Credit, 3 semester hours
A study of the history and literature of the people of Israel as found in the Old Testament from the time of Abraham to the Roman conquest of Palestine in 63 B.C.

202 — History and Literature of the New Testament
Credit, 3 semester hours
A study of the growth of the New Testament, discussing date, authorship, place of writing, and purpose of each book. Special attention will be given to the influence of Paul's life and letters.

251, 252 — Introduction to the History of Christian Thought
Credit, 3 semester hours
A study of main themes in Christian thought, with attention to how they were expressed in the lives of men and in institutions. Topics will include God, Jesus, the Church, man, and nature. (251, Ancient and Medieval Christian Thought; 252, Reformation and Modern Christian Thought)

302 — The Contemporary Church
Credit, 3 semester hours. Offered in alternate years
Basic principles of organization and administration of the church with special attention given to the church school. This will include the church's
relationship to community organizations, denominational structures, councils of churches, and contemporary needs in our culture.

304 — Principles and Methods of Religious Education
*Credit, 3 semester hours. Prerequisite, Psychology 201. Offered in alternate years*
A study of the teaching-learning process, and of the principles and techniques that should obtain in the teaching of religion.

305 — Religion and Modern Man
*Credit, 3 semester hours*
This will be a similar offering and approach as Course 105, but geared to the upper-level student.

362G — Sociology of Religion
*See Sociology 362G*

363G — Worship
*Credit, 3 semester hours. Offered in alternate years*
Interpretation of the meaning, form, and importance of public worship. Evaluation of the elements involved, such as prayer, music, scriptures, creed, offering, and teaching. Examination of the sources of literature of worship. Selection and combination of the materials. Part of the course will be given to a study of the classic and modern resources of personal religious devotion.

364G — Psychology of Religion
*Credit, 3 semester hours. Offered in alternate years*
An examination of what it means to exist under faith, employing especially the tools of currently developing neo-analytic, personalistic, and existential psychology.

463G — Living Religions
*Credit, 3 semester hours*
A brief survey of the history of man's religions coupled with a more intensive study of four books sacred to Asians: the Hindu *Bhagavad Gita*, the Buddhist *Dhammapada* and the *Lotus of the True Law*, and the Chinese *Tao Te Ching*. Basic concepts from these works will be compared with concepts drawn from the Bible of the Judaeo-Christian faith and the Moslem *Koran*.

482G — Philosophy of Religion
*Credit, 2 semester hours*
An examination of those aspects of religious faith which provoke philosophical questions, such as the existence of God, the meaning of Evil, and non-scientific ways of knowing; such as faith, revelation, and religious experience; and such beliefs as the meaningfulness of human existence, the efficacy of prayer and immortality.

485, 486 — Field Problems
*Credit, 2 semester hours each semester*
This course is designed to give students, through supervised training in the local church, insight and experience in the fields of children and youth work.

491, 492 — Reading and Conference
*Credit, 2 semester hours each semester*

493, 494 — Advanced Studies in Religion
*Credit, 3 semester hours each semester*
One topic such as the following will be explored each semester: History of Christian Thought, Contemporary Theology, Old Testament, New Testament, Science and Religion.

**Social Science**

Social Science Major with emphasis in *History* (24 hours) and:
- Economics: One of 101 (General Economics) or 221 (Economic History of the United States)
- Pol. Science. 101 (American National Government) and one of 314 (American Political Thought), 321, (International Relations) or 352 (American Constitutional Law)
- Psychology: 201 (General Psychology), and one of 311 (Abnormal Psychology), 315 (Psychology of Personality), 317 (Theory of Personality Development) or 342 (History and Systems of Psychology).
- Sociology: One of 201 (Introduction), 202 (Social Problems), 321 (The Family) or 476 (Sociology of the Community)

And three additional hours from the courses named in either Economics or Sociology.

Social Science Major with emphasis in *Political Science* (24 hours) and:
- Economics: One of 101 (General Economics) or 221 (Economic History of the United States)
- History: 101, 102 (Survey of Western Civilization), or 151, 152 (History of the United States)
Psychology: 201 (General Psychology), and one of 311 (Abnormal Psychology), 315 (Psychology of Personality), 317 (Theory of Personality Development) or 342 (History and Systems of Psychology)

Sociology: One of 201 (Introduction), 202 (Social Problems), 321 (The Family) or 476 (Sociology of the Community)

And three additional hours from the courses named in either Economics or Sociology.

Both the major and minor requirements are satisfied by this program. All other University requirements for graduation must be fulfilled.

**Sociology**

Professors Peterson (Chairman), Phillips; Instructor McNeil

**CAREER OPPORTUNITIES**

The undergraduate course of study is planned with the vocational interest of the student in mind.

Graduate study in sociology leads to the M.A. and Ph.D. degrees. There is a wide choice of professional positions available, including: college professor, research director, demographer, social psychologist, marriage counselor, public opinion analyst, survey research analyst, human ecologist, criminologist, city planner, community specialist, and industrial sociologist.

Graduate study in social work leads to the M.S.W. degree and offers a number of vocational goals to the sociology major. The undergraduate course of study may be planned with the vocational interest of the student in mind. The principal vocational goals are preprofessional preparation for social welfare work in casework, group work or public welfare administration; industrial relations work, public relations work; and social research positions with educational institutions, private research foundations or governmental agencies.

**REQUIREMENTS**

A major should include courses 201, 301, 302, 371, 401, 493, 494 and a minimum of three additional hours. For students planning graduate study in sociology, the recommended elective courses are 202, 321, 361, 381, 432 or 476. For students planning on graduate study in social work or employment after the completion of the B.A. degree, the recommended elective courses are: 111, 202, 264, 321, 356, 361, 425, 426 or 476.

A minor must include courses 201, 111 or 202, 301 or 401, and a minimum of six additional upper-level hours.

Course 201 is a prerequisite for every other course in the Department except 111 and 121.
111 — Anthropology
Credit, 3 semester hours
A survey of the field including physical anthropology, archaeology and cultural anthropology with special emphasis on social organization and social institutions.

121 — Marriage and the Home
Credit, 2 semester hours. Not counted toward a major
A general course on courtship, marriage, and early marital adjustments.

201 — Introduction
Credit, 3 semester hours
A general survey of the history, theories, research and areas of contemporary sociology.

202 — Social Problems
Credit, 3 semester hours
A survey of organization in complex societies with special emphasis on their problems.

264 — Social Stratification
Credit, 3 semester hours
A study of the internal differentiations of social systems.

301 — History of Sociology
Credit, 3 semester hours
An analysis of systems of sociological theory from Auguste Comte through the early 20th Century.

302 — Methods of Sociological Research
Credit, 3 semester hours
Design and analysis of research studies in the field of Sociology.

321G — The Family
Credit, 3 semester hours
A study of the family as an institution in its various historical developments.

356 — Introduction to Social Work
Credit, 2 semester hours
A survey of the scope, methods, and function of contemporary social work.

361G — Criminology and Delinquency
Credit, 3 semester hours
A study of the extent and types of criminal behavior; the facts and theories regarding causes of crime; methods of crime prevention and methods for rehabilitation of criminals.

362G — Sociology of Religion
Credit, 3 semester hours. Prerequisite, Religion 101
A study of religion in its social manifestations and interaction with other social forces.

371 — Elements of Statistics
See Mathematics 371.

381G — Social Psychology
Credit, 3 semester hours. Prerequisite, Psychology 201
The study of human behavior as the systematic formulation of the interrelations of the individual, society, and culture.

395, 396 — Independent Research
Credit, 1, 2 or 3 semester hours each semester. Open only to junior students with the approval of the Chairman of the Department
Individual research with conferences and written report.

401G — Social Theory
Credit, 3 semester hours
An intensive survey of major contemporary sociological theories and basic sociological principles.

425G — The Study of the Child
See Psychology 425.

426G — The Study of Adolescence
Credit, 3 semester hours
The study of the theories of adolescent development and the basic research relating to these theories.

432G — Population and Society
Credit, 3 semester hours
A study of the social problems and various characteristics of human populations.
476G — Sociology of the Community  
*Credit, 3 semester hours*  
An analysis of organization and change in rural, suburban, and urban communities.

491, 492 — Reading and Conference  
*Credit, 1 or 2 semester hours. Open only to advanced students with the approval of the Chairman of the Department*  
Individual study with reading, reports and conferences.

493, 494 — Senior Research  
*Credit, 2 or 3 semester hours each semester. Prerequisite, Sociology 302*  
Preparation, presentation and oral defense of a thesis.

495, 496 — Independent Research  
*Credit, 1, 2 or 3 semester hours each semester. Open only to senior students with the approval of the Chairman of the Department*  
Individual research, preparation of thesis, and oral defense of the work.

**Speech and Drama**

Professors Baisinger (Chairman), Jones (Emeritus);  
Instructors Manning, Reiber

The Department of Speech and Drama offers study leading to the Bachelor of Arts degree. The curriculum is designed to provide a broad background in three major divisions of the field:

1. Public Address
2. Speech Sciences (speech science, speech correction, and hearing)
3. Drama, Interpretation of Literature, Radio and Television

The Department directs the University Players, who produce a broad range of drama chosen from the classic and modern repertoires. The Choral Readers revive an age-old art through which participants and audiences experience great prose, poetry, and drama. Serving the wide range of forensic and public speaking activities is the Washington Alpha Chapter of Pi Kappa Delta, national forensic honorary. Its members represent the University in inter-collegiate and intramural events, sponsor annual clinics for high schools, and host forensic tournaments on the campus. Students of speech correction may take part in clinical observation and study through a cooperating program with the Speech and Hearing Clinic of Mary Bridge Children's Hospital.
A major in the Department includes the following courses from each of the three divisions:

From Division I, **Public Address**:
- Speech 101 or its equivalent
- Speech 220 or 297
- Speech 321 or 397

From Division II, **Speech Sciences**:
- Speech 285
- Speech 377

From Division III, **Drama, Interpretation of Literature, Radio-Television**:
- Speech 281 or 292
- Speech 361 (Majors who are candidates for the Provisional Certificate at the elementary level may substitute Speech 364 to fulfill this requirement.)
- Three hours of Drama at the upper-division level (Majors who are candidates for the Provisional Certificate at the secondary level must include Speech 378.)

One hour of seminar at the 400 level (selected from any of the three divisions). A total of 30 hours is required for the major. Psychology 201 and five hours of literature are also required.

A minor includes Speech 101 or its equivalent, 220 or 297, 285 or 377, and 352 or 361. A total of 18 hours is required for the minor, and eight or more hours must be at the upper division level. Psychology 201 is also required.

### I. PUBLIC SPEAKING

**101 — Fundamentals of Public Speaking**  
*Credit, 3 semester hours*

The study and application of basic principles of public speaking, with emphasis on effective communication through orderly thinking and composition, personal adjustment to audiences, effective delivery and use of the voice.

**145, 146 — Debate**  
*Credit, 1 semester hour each semester*

**220 — Advanced Public Speaking**  
*Credit, 3 semester hours*

Advanced study in platform speaking, including the psychological backgrounds of speech, composition, style, audience analysis, and logical arrangement and support.

**297 — Argumentation and Discussion**  
*Credit, 3 semester hours. Prerequisite, Speech 101*

A study of processes of rational decision-making at parliamentary, judicial, and personal levels.

**321G — Forms of Public Address**  
*Credit, 3 semester hours. Prerequisites, Speech 101, and 220 or 297*

A study of the principles of persuasion applied to audience analysis and style.

**345G, 346G — Direction of Speech Activities**  
*Credit, 1 semester hour each semester*

Experience under supervision of organizing, conducting, and directing speech and forensic activities.

**397G — History of Public Address**  
*Credit, 3 semester hours*

A study of the development of rhetoric from Classic Antiquity to the modern day.

**493G — Seminar**  
*Credit, 1, 2, or 3 hours*

### II. SPEECH SCIENCES

**285 — Introduction to Speech Science**  
*Credit, 3 semester hours*

A study of the anatomy and physiology of the vocal mechanism and auditory system and theories of the origin of language. Introduction to phonetics and semantics.

**377G — Speech Correction for the Classroom Teacher**  
*Credit, 3 semester hours*

Role of the classroom teacher in cooperating with public school speech correction programs. Introduction to the functional, organic, and psychogenic disorders of speech in children and adults; theories and methods of diagnosis and treatment.

**436G — Hearing and Deafness**  
*Credit, 2 semester hours*

Role of the classroom teacher in educating the acoustically handicapped; study of the anatomy and function of the ear in relation to types of hearing loss; introduction to audiometry.
442G — Studies in Defective Speech
Credit, 3 semester hours. Prerequisite, Speech 377 or permission of the instructor
Study of the nature, etiology, and treatment of speech disorders with primary attention to problems of articulation, dysarthria, dysphonia, and stuttering. Case study and observation to be arranged; introduction to research concerning these problems.

494G — Seminar
Credit, 1, 2, or 3 semester hours

III. DRAMA, INTERPRETATION OF LITERATURE, RADIO AND TELEVISION

172 — Fundamentals of Acting
Credit, 3 semester hours
Theory and practice of acting, including presentation of scenes from great dramatic literature. Introductory study of dramatic structure and types of drama.

174 — Puppetry
Credit, 3 semester hours
The making and manipulation of various kinds of marionettes, hand puppets, finger puppets, and flannel graphs. The utilization of these materials for schools, churches, and playgrounds.

251 — Introduction to Broadcasting
Credit, 3 semester hours
A study of educational television and of the radio and television industries as mass media of communication.

252 — Advanced Broadcasting
Credit, 3 semester hours
Theory and practice of producing and directing radio and television programs.

281 — Introduction to Theatre Production
Credit, 3 semester hours
Theory and practice of producing plays for proscenium and arena theatre. Study of play selection, analysis, casting, rehearsing, and staging; study of the physical theatre and its equipment.

290 — Scenic Design for Theatre
Credit, 3 semester hours
Study of scene design and lighting for theatre production.

293 — Drama Workshop
Credit, 1 semester hour
Participation in theatre production, with emphasis on basic methods of staging and lighting.

302 — Advanced Drama Workshop
Credit, 1 semester hour
Advanced projects in design and lighting for theatre.

352G — Advanced Acting
Credit, 3 semester hours
Study of principal schools and styles of acting; study of acting techniques for period plays. Acting in plays and scenes selected from great dramatic literature.

361G — Literary Interpretation
Credit, 3 semester hours
Analysis in depth of selected literary works for oral presentation. Introduction to history of oral interpretation.

364G — Story Telling and Interpretation of Children’s Literature
Credit, 3 semester hours
A study of the principles of effective story-telling for purposes of education and entertainment. Analysis and classification of stories with reference to each period of the child’s development. The work is designed to meet the needs of playground directors, church school leaders, and teachers.

365, 366G — Choral Reading
Credit, 3 semester hours each semester
Study and practice in the fundamentals of reading aloud together. Material interpreted will range from classical to modern works in prose, poetry, and drama. There will be public performances in the Christmas season and an annual recital in the spring.

378G — Play Directing
Credit, 3 semester hours
Study of the administrative and artistic functions of the director. Observation of other directors, preparation of script and promptbook, direction of one-act plays and scenes from longer plays, study of selected plays.
CAREER PROGRAMS

379G — Children’s Dramatics
Credit, 3 semester hours
Direction and production of plays for and by children; study of creative
dramatics, with emphasis on the educational values of dramatics for ele-
mentary school programs.

391G — Studies in Experimental Theatre
Credit, 3 semester hours
Studies in unusual and creative approaches to theatre production. The his-
tory of modern theories of playwriting, directing, and scene design; prob-
lems of producing modern non-realistic drama.

392G — History of the Theatre
Credit, 3 semester hours
History of world theatre and drama from classic Greece to the modern
period, including the development of the physical playhouse and its in-
fluence on methods of production. Study of problems of producing modern drama for the present-day audiences.

462G — Advanced Literary Interpretation
Credit, 3 semester hours. Prerequisite, Speech 361 or permission of the
instructor
Analysis of methods of selecting, arranging, and preparing literature for

495G — Seminar
Credit, 1, 2, or 3 semester hours

563 — Utilization of Television in the Classroom
See Education 563.

564 — Advanced Course in the Use of Educational Television
See Education 564.

Career Program

PREPARING FOR CHRISTIAN EDUCATION
Students who desire to enter work in Christian education are advised to
confer with the Chairman of the Department of Religion and to secure from
him an outline of studies for the four college years. For some students this
will include the special major listed under the Department of Religion.

COLLEGE AND UNIVERSITY TEACHING
Teaching positions in institutions of higher learning do not usually require
a teaching certificate, but the Master's degree in the subject is generally con-
sidered minimum preparation. Superior students who have developed a deep
interest in a subject are urged to continue their study to the Master's and
Doctor's degrees. A limited number of graduate assistantships are available
at UPS for Master's degree candidates.

Junior College teaching in the public junior colleges of Washington re-
quires a Junior College Certificate, which may be issued to the holder of a
Master's degree, or a standard certificate valid at the secondary level, or a
Bachelor's degree plus a minimum of one year of experience in the business,
industry, trade, or profession to be taught.

DENTAL SCHOOL
Dental schools require at least two years of predental studies including most
of the mathematics and science requirements needed by premedical students.
However, students are advised to spend three and in many cases four years in
predental work before entering a dental school. This makes it possible for
students to secure a firm foundation in the sciences as well as to build up
their cultural background.

The Dental Aptitude Test is required by all leading dental schools for
admission. This test is given at the University of Puget Sound annually. To
gain admission into a dental school, a student should be prepared to offer a
strong overall college performance, good scores in the Dental Aptitude Test,
and the recommendations of instructors involved in his predental prepara-

LAW SCHOOL
Most law schools require a college degree for admission.

Admission into all law schools, regardless of the differing length of under-
graduate work, is based on ability to read, speak, and write effectively. Al-
though no particular major subject is prescribed, a social study like political
science, history or economics is frequently chosen. One is expected to know
something of American politics and business life and also have some under-
standing of Anglo-American constitutional history. A broad knowledge of
literature and philosophy is also desired.

Because law schools do not generally ask for specific prelaw programs, the
University of Puget Sound provides a prelaw adviser. He will help plan pro-
grams of study that will be most effective for individual purposes.
MEDICAL SCHOOL

Medical schools have varied admission requirements. A student who has a specific school in mind should become acquainted with its requirements. In most medical schools, however, preference is given to applicants who not only meet stated requirements but also have a Bachelor's degree. Those who are able to enter medical school with less than four years of preparation are academically exceptional candidates.

A well balanced program in the liberal arts and sciences with major emphasis in biology and chemistry prepares a student for entrance into any medical school. The professional schools do not stipulate that the major must be in any given field, but most premedical students have elected biology or chemistry. Applicants with majors in mathematics, physics, psychology and many other fields may also qualify if they have the required courses in chemistry and biology as well. In addition to the required training in fields of science, it is an advantage to have a broad background in literature and other humanities and the social sciences.

Admission to medical school is usually based on strong grades in the areas of premedical preparation as well as overall academic strength, high performance on the Medical College Aptitude Test, and the recommendation of undergraduate instructors.

PREPARING FOR A CAREER IN MEDICAL TECHNOLOGY

The University of Puget Sound, in affiliation with the Tacoma General Hospital, offers a course of study leading to a degree of Bachelor of Science in Medical Technology.

A student preparing to be a medical technologist must complete three years (90 semester hours) of work in the basic sciences and arts at the University. Following this he is eligible for 12 consecutive months of technical training at Tacoma General Hospital. During this time he receives both instruction and practical experience. After completion of four years, the student not only receives a degree of Bachelor of Science in Medical Technology but is eligible to take the examination conducted by the Board of Registry of Medical Technologists of the American Society of Clinical Pathologists for certification as a MT.

The University is also in affiliation with the School of Medical Technology at St. John's Hospital, Longview, Washington. The program is very similar to the one described above. A small monthly stipend is attached to the fourth year studies, and a scholarship for Southwestern Washington students can be secured for the third year program.

Minimum requirements for admission for technical training are:

1. Biological Sciences: 16 semester hours
   (1) One full year (6 semester hours) lecture and laboratory course in general biology or zoology.
   (2) Remaining courses may be in bacteriology, anatomy, physiology, embryology, histology or genetics.

2. Chemistry: 16 semester hours
   (1) One full year (10 semester hours) general college chemistry, including qualitative analysis.
   (2) Remaining courses may be in quantitative analysis or organic chemistry.

3. Mathematics: 3 semester hours
   (1) General college mathematics.

4. Recommended Electives:
   (1) Electives, as for any professional career, should include a broad general education in English, Social Studies, Arts and Humanities.
   (2) Advanced mathematics, physics and typing will also prove helpful.

OCCUPATIONAL THERAPY

The University of Puget Sound is one of two institutions in the Northwest which has an Occupational Therapy Curriculum recognized by the American Medical Association.

Students in occupational therapy have a well-rounded academic program including studies in psychology, biology, and sociology. In addition, they learn the techniques of instruction in such skills as ceramics, weaving, wood-working and metalwork.

They receive clinical lectures by physicians who are members of the Medical Advisory Board, and observe the actual treatment of patients in hospitals and clinics in the Tacoma area.

After the academic work is completed, they take nine months of special clinical affiliation training or internship, in various hospitals and rehabilitation centers, under the supervision of registered occupational therapists.

For further information look for Occupational Therapy in preceding pages.

THE TEACHING PROFESSION

Preparing teachers for public schools is the main function of the University of Puget Sound's School of Education. In addition, certain advanced phases of the program are designed for teachers and administrators already in service.

A student preparing for the teaching profession will have a faculty adviser who will help to prepare a well-balanced program of academic and professional subjects suited to individual needs and purposes.
By arrangement with nearby public school systems students go into schools as observers and, later, as student-teachers. When the work is completed a Provisional Certificate is awarded which entitles the holder to teach in the public schools at the appropriate level.

For additional information and specific requirements look in the section for The School of Education.

THEOLOGICAL SCHOOL

According to the American Association of Theological Schools the results of pretheological study should be: ability to think clearly; reading knowledge of at least one foreign language; a broad understanding of literature, philosophy, psychology, the social sciences, and the natural sciences; and mastery in some specific field.

Most theological schools do not require a specific pretheology program. Subjects should be chosen with the help of an adviser from the Department of Religion who will assist in selection of courses of study that will be most effective for individual purposes. This will usually result in a Religion minor, and a major in another area.

The University Community

CAMPUS LIFE

LIVING ACCOMODATIONS

STUDENT ACTIVITIES

FINANCIAL AID

Campus Life

The University's role as an educational institution is primarily to foster learning. The University aims, however, to perform the broad functions of a good community, and attempts to develop personal, social and religious character as well as intellect.

Campus life is the result of student and faculty cooperation. It is established in the main by the good judgment and taste of the members of the community rather than by regulations. The purpose is to seek conditions of mutual comfort and safety, of good citizenship, and of scholarly activity. The customs of the University permit smoking in living areas, not in class buildings. The possession or use of alcohol by a student either on the campus or in a college-controlled building off the campus or at any organization or college function is not tolerated and will be subject to disciplinary action.

The University desires to reaffirm its belief and policy that all students, faculty, and staff should have equal opportunity for all university services based on necessary qualifications and regulations, and that no such opportunity for admission, financial aid, participation in activities, employment, or membership in university organizations should ever be denied on the basis of race, color, creed, ancestry or national origin. Evidence of any such discrimination should be reported to university officials for appropriate action.

Traffic Regulations

Regulations pertaining to campus parking and to the use of automobiles by students are published by the Plant Department, Traffic Section, and may be had from the Traffic Office, South Hall.

All students should learn the traffic regulations which apply to pedestrian as well as to automobile traffic.
Living Accommodations

All students who do not live with their families in Tacoma or in the home of Tacoma relatives are normally expected to live on campus. Reservations are made with the Dean of Men or Dean of Women after a student has been accepted for admission and has received dormitory reservation cards from the Admissions Office. An advance payment of $25.00 must accompany the reservation cards. Reservations are made in the order in which the applications are received. The advance payment will be refunded only if resident hall space is not available or if notice of a cancellation reaches the Admissions Office before July 1st.

Each housing facility provides similar furnishings. Lounges, recreation areas and laundry facilities are provided in each unit. Every student is provided with a chest of drawers, study desk and chair, drapes, spread, and sheets and pillowcase service. The student brings blankets, pillow, towels, study lamp, and personal effects. Electric blankets are permissible.

All meals for campus residents will be partaken on the campus in the facilities provided. Charges for room and board are listed in the catalog under "Rates for Residence Halls."

HEALTH SERVICES

The University of Puget Sound maintains health services with two physicians and two nurses available for consultation, without charge, during regular office hours. The University cannot assume responsibility for the complete medical care of students, but only insofar as its present facilities will afford.

WOMEN'S HOUSING

Independents and sorority members reside on campus in one of the following dormitories: Anderson-Langdon, Harrington, Schiff, South or Tenzler Hall. Each dormitory is staffed by a Head Resident who is assisted by student counselors. Health services are also provided. All students take their meals cafeteria style in the Student Center.

Women who wish to earn board and room in private homes may make arrangements with the Dean of Women. Such arrangements must be approved by the University and the student's parents. No woman under 21 years of age is permitted on her own responsibility to make arrangements for living off campus.

MEN'S HOUSING

Independent men reside in Todd Hall or Regester Hall and fraternity men reside in one of the eight units of the Men's Group Housing System located on campus property. Dormitory residents take their meals cafeteria style in the Student Center, while the University provides meal service to each unit of the Social Group Housing System.

Men who live off campus must have the approval of the Dean of Men.

Student Activities

CAMPUS ORGANIZATIONS

ASSOCIATED STUDENT BODY is the organization of all University of Puget Sound students that has general direction of intramural sports, student publications, debating and oratorical contests, musical, literary and social activities. The direction of activities is exercised mainly through a representative body known as the Central Board.

ASSOCIATED WOMEN STUDENTS is the organization of all women students which furthers scholastic, service, and cultural aims among women students. AWS sponsors many campus activities — including the Freshman-Faculty Reception, Parents' Weekend, Tolo Dance, and the spring Award Banquet.

ARNOLD AIR SOCIETY is a professional honorary service organization open to selected AFROTC Cadets.

ANGEL FLIGHT is a co-ed auxiliary of the Arnold Air Society that promotes the interest of AFROTC on campus.

CAMPUS FAITH COUNCIL is made up of representatives from each of the denominational groups on the campus, the social groups, the dormitories, and the Associated Student Body. It helps plan religious activities for the campus and to coordinate them with student participation in the youth programs of the local churches.

CHINOOK CLUB sponsors a program of hiking, climbing, skiing, snowshoeing, camping.

CHIPS is the co-ed spirit club representing each living group on campus. Chips promotes school spirit through participation and planning with the rally staff for games and other activities pertaining to school sports events.

CHOPPERS is a selective men's spirit organization established to assist in promoting game attendance and to help publicize and plan half-time activities.

DENOMINATIONAL STUDENT MOVEMENTS are Canterbury Club, Christian Science Group, Jewish Student Association, Lutheran Student Association, Methodist Student Movement, Methodist Kappa Phi, and Newman Club.
INTERCOLLEGIATE KNIGHTS is a national service organization for sophomore men helping promote interest in college activities.

KAPPA PHI is a national club, open to any woman of Methodist preference. It seeks to unite women in friendship, service and in a common search for spiritual values.

LETTERMENS' CLUB is comprised of men who have won varsity letters in intercollegiate athletics. The club objective is to increase athletic participation and school spirit.

MORTAR BOARD is a national senior women's service honorary for those who have shown qualities of leadership, scholarship, service, and womanly character.

MU SIGMA DELTA is the local scholastic honorary. Organized in 1929 the society consists of upperclassmen, graduate students, faculty members, and alumni who have shown high academic excellence.

PEOPLE TO PEOPLE through its UPS chapter promotes an international association whose aim is the encouragement of international understanding and friendship.

SAILING CLUB is open to any full time student with an interest in sailing and yacht racing.

SILVER SEALS is the women's synchronized swimming group with tryouts in the fall and the annual show in the spring.

SPIRES is composed of sophomore women who earned a 3.5 gpa during their freshman year. This organization is guided by Mortar Board.

SPLINTERS is a selective freshman women's spirit club, working in coordination with Chips.

SPURS is the national sophomore women's service honorary. Members are selected for their participation in campus activities, dependability, scholarship, and ability to fulfill the goals of service and support of University traditions.

UNIVERSITY EDUCATION ASSOCIATION is a national organization open to all students interested in teaching.

WOMEN'S RECREATION ASSOCIATION is open to all active undergraduate women at the University and promotes and co-ordinates women's sports events and other activities.

DEPARTMENTAL CLUBS AND HONORARIES

ALPHA KAPPA PSI is a professional fraternity in commerce and economics limited to male students.

AMERICAN CHEMICAL SOCIETY is a professional organization which promotes and encourages interest in chemistry. Activities include a series of field trips, lectures, and films with the culmination of the ACS regional convention.

DELTA PHI DELTA is a national society for art students.

DER DEUTSCHE VEREIN is an organization of German language students interested in the literature, culture, and life of the German peoples. Speakers, movies, and group sponsored programs are included in the years' activities.

GEOLOGY CLUB promotes interest in geology and its application to various fields. Programs, including lectures and movies, are designed to be of interest to non-majors as well as majors.

HOME ECONOMICS CLUB is the Home Economics chapter of the Washington Association of Home Economics, and is open to anyone interested in this field.

LE CIRCLE FRANCAIS promotes an interest in the French language and culture. Meetings are held once a week at a French table. Slides or lectures are presented once a month.

OCCUPATIONAL THERAPY CLUB gives the students the opportunity to become acquainted with community organizations, to give service, and to promote interest in new developments in the profession.

PI GAMMA MU is a national social science fraternity for senior students who have done superior work in that field.

PI KAPPA DELTA is a national society for intercollegiate debaters and orators.

PI PHI NU is a local honor society for home economics majors.

PHI CHI THETA is a professional sorority in commerce and economics limited to women students.

PHI SIGMA is a national honorary biological society.

SIGMA ALPHA IOTA is a national music sorority.
PERFORMING ARTS

THE ADELPHIAN CONCERT CHOIR — This forty voice choir is one of the University's outstanding musical organizations. This past spring they made their second European concert tour. The Adelphians also appear on radio and television and record for RCA Victor.

ARTIST AND LECTURE SERIES — The purpose of the Artist and Lecture Series is to present to the college community, and the community at large, programs which will enlighten, educate and entertain. A & L is responsible for the presentation of the following: Public Affairs Forum, Campus Film Review, Friday-at Four, Academic Lectures Series, and Artist Entertainment.

KITTREDGE ART GALLERY — Each month of the year the art department sponsors an art show. Exhibits present work by noteworthy national, regional or local artists representing a wide variation of art media.

CHAPEL CHORUS — The Chorus prepares an anthem and the service music for the weekly religious convocation.

CHORAL READERS — The only verse choir in the Northwest, the Choral Readers present many programs for the University and the community, including the annual Christmas vespers and spring recital.

CHORAL SOCIETY — This large chorus is composed of both University singers and singers from the community. In addition to the annual presentation of the Christmas portion of the Messiah, the Society prepares two concerts each season.

FORENSICS — An extensive program of inter-collegiate competition is available to all students interested in forensics, and the University hosts and directs two high school and three intercollegiate speech events annually.

UNIVERSITY BAND — In addition to presenting their annual fall and spring concerts, the University Band highlights the halftime entertainment at athletic events.

UNIVERSITY MADRIGAL SINGERS — Madrigals, a group of twelve mixed voices specialize in the performance of sixteenth and seventeenth century vocal music.

UNIVERSITY PLAYERS — The student organization which participates in the production of the Department of Speech. The production schedule includes four plays chosen from the modern and classical repertory.

UPS-TACOMA SYMPHONY — Musicians from the University and community participate jointly in the UPS-Tacoma Symphony Orchestra to present five concerts each season.
SOCIAL FRATERNITIES AND SORORITIES

The eight fraternities and seven sororities on campus are chapters of national organizations, with membership by invitation. The fraternities are Beta Theta Pi, Kappa Sigma, Phi Delta Theta, Phi Gamma Delta, Sigma Alpha Epsilon, Sigma Chi, Sigma Nu and Theta Chi.

The sororities are Alpha Phi, Chi Omega, Delta Delta Delta, Gamma Phi Beta, Kappa Alpha Theta, Kappa Kappa Gamma, and Pi Beta Phi.

The Independent Students Association. A social organization of students who are not affiliated with Greek-letter organizations.

INTERCOLLEGIATE ATHLETICS

The University engages in athletic competition with other colleges and universities in the sports of football, basketball, baseball, track, tennis, golf, skiing, sailing, swimming and wrestling.

The University is a member of the National Collegiate Athletic Association, observes their regulations, and participates in their events.

STUDENT PUBLICATIONS

THE TRAIL is the weekly student newspaper.

THE TAMANAWAS is the student year book.

CROSSCURRENTS is a yearly UPSASB literary publication.

THE LOGGER LEDGER is the annual student handbook.

ELIGIBILITY FOR ACTIVITIES

I. To represent the University of Puget Sound in any student activity, a student must:
(a) Be fully registered in the University for a minimum of 12 hours credit except as provided below.
(b) Not be on scholastic probation.

II. Eligibility procedures are as follows:
(a) Eligibility of members of teams or groups must be checked at the beginning of each activity. Those having charge of any activity must submit a list of participants to the Office of Dean of Students, at the time of the first turnout of any activity.
(b) A student, after having been declared scholastically eligible for any student activity, will remain eligible for the remainder of the season of participation only when the season terminates within the semester.
(c) Activities wherein students engage with other student bodies in contests of any kind, or represent the University off the campus, are under jurisdiction of the Dean of Students.

(d) The faculty director of an extra-mural activity which involves off-campus travel for inter-collegiate representation for competition should submit to the Office of Dean of Students at a reasonable time prior to the undertaking of the trip, the following information: (1) date, (2) place, (3) number and names of students to participate, (4) financial arrangements, (5) method of transportation.

III. Students who are registered for less than 12 hours of work may take part in musical organizations, dramatic productions, or other activities which are of an academic character and in which there is not inter-collegiate competition.

IV. In order to be eligible to represent the University of Puget Sound in any intercollegiate sport, a student must comply with National Collegiate Athletic Association rules as well as the aforesaid University requirements.

Financial Assistance

The University of Puget Sound participates in the College Scholarship Service of the College Entrance Examination Board and subscribes to the principle that financial aid granted a student should be based on financial need. The CSS assists colleges, universities, and other agencies in determining the student's need for assistance to attend an institution of higher education.

Any applicant for admission to the University is eligible to apply for financial assistance which may be granted in any one or a combination of the following forms: Scholarships, Grants, Guaranteed Employment, and Loans. Since total aid funds are limited, the applicant's high school record, Scholastic Aptitude Test Scores, and leadership potential are reviewed before assigning financial assistance.

An incoming student should file a Parents' Confidential Statement through the College Scholarship Service in February. Early decision candidates should file the first part of December. The Parents' Confidential Statement form is available in high schools or the College Scholarship Service, P.O. Box 176, Princeton, New Jersey, or P.O. Box 1025, Berkeley, California 94704. NO OTHER APPLICATION FOR FINANCIAL ASSISTANCE IS REQUIRED.

Transfer students, or currently enrolled students, should submit Parents' Confidential Statement — Renewal Form to the Office of Financial Aid no later than May 1. Forms are available from the Director of Financial Aids.

The amount of assistance is in direct proportion to the financial need of the applicant as estimated by a computation of the Parents' Confidential Statement of the College Scholarship Service. All financial assistance is awarded for one year, and requests for renewal must be submitted annually, together with a revised Parents' Confidential Statement. Whenever possible,
the University will continue assistance as long as the need continues and the
student's records merit it.

Entering freshman who are requesting financial assistance should note the
following items to insure the completeness of their applications.

a. Secure a copy of the College Scholarship Service Form ("Parents' Con-
fidential Statement") from your high school counselor. Have this state-
ment completed by your parents or guardian and filed with the College
Scholarship Service before March 1.

b. Arrange to take the Scholastic Aptitude Test of the College Entrance
Examination Board in December or January. Applicants for admission
to the spring semester should take the test in December.

c. All admission credentials in connection with fall semester application,
(transcript of record, application for admission, Scholastic Aptitude
Test (SAT) Scores, and $10 application fee) should be filed not later
than March 1, with the Office of Admissions at the University of Puget
Sound.

NOTE: A "Parents' Confidential Statement," together with the admissions
credentials, constitute the only forms necessary for consideration for
a scholarship, but a student cannot be considered for financial aid un-
less he has completed all steps in the admission procedure.

Because financial assistance is based upon verifiable family need, and be-
cause such need is a confidential matter between the student and his univer-
sity, there is no public notice of the award of financial aid.

LOANS

Loans have become an accepted way to pay the expenses of a college edu-
cation. The University of Puget Sound has studied various types of loan plans
available to students. These programs are an important source of assistance
to students and should be seriously considered by those without adequate
financial resources.

The loan plans shown below have been reviewed and developed by the
University to insure that each plan has nominal interest rates and can be
realistically included in a normal family budget. Under certain loan programs
the student assumes complete responsibility and may delay repayment of the
loan until after his graduation.

For information and assistance on all loan plans see the Director of Finan-
cial Aid.

THE NATIONAL DEFENSE STUDENT LOAN FUND—provided by
the Federal Government and administered by the University.

GUARANTEED LOAN PROGRAM—whereby funds are made available
to students from middle and upper income families.

UNITED STUDENT AID FUNDS, INC.—a low-interest loan plan where-
by students may take as long as three years after graduation for repayment.

THE METHODIST STUDENT LOAN FUND—for students of Christian
character, on recommendation of their local minister.

COLLEGE ASSURED PLAN—costs of attending the University for four
years may be met by monthly payments extending up to six years.

DEFERRED REPAYMENT LOAN PLAN—under this plan payments do
not begin until three months after graduation, and students may take up to
three years to make full payment.

SHORT TERM LOANS—for tuition, room, board, and fees. Repayment
may be in twelve, nine, six, or three monthly payments.

The following counties of the State of Washington have loan funds for
students in Occupational Therapy: Kittitas, Grant, Lincoln, Stevens, San Juan,
Lewis, Cowlitz, Klickitat, Chelan, Clallam, Douglas, Mason, Pend Oreille,
Whitman, Jefferson. In addition there is the Hutchinson Loan Fund. Additional
information may be obtained from the Director of Occupational Ther-
apy at the University.

THE UNIVERSITY OF PUGET SOUND STUDENT LOAN FUNDS—
to aid students not otherwise able to continue their college education.

JOB OPPORTUNITIES

Tacoma, by reason of its size, offers many part-time opportunities for
student employment. The University of Puget Sound Placement Office acts
as a clearing house by recording the student employment opportunities avail-
able in the community, both on and off campus. The individual is then alerted
to the job opportunities that match his abilities, needs and class schedule.

CAREER PLACEMENT

During the senior year the student may register with the Placement Office
for career placement upon his graduation. A permanent credentials file is
established for each such registrant, embodying the information that experi-
ence has shown will be desired by those firms or organizations who annually
select career employees for their operations.

The representatives of leading corporations, organizations and Government
agencies are invited to the campus and schedules are worked out giving the
student the opportunity to be interviewed by the organization's recruitment
personnel who are in search of permanent employees.

Detailed information regarding hundreds of leading companies and the
employment opportunities which they offer is available at the placement
office. Individual counseling relative to career employment is available by
appointment with the Placement Director.
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OFFICERS OF THE CORPORATION

ROE E. SHAUB .................................................. Chairman of the Board
HARRY L. BROWN .............................................. Vice Chairman
NORTON CLAPP ................................................ Vice Chairman
GERRIT VANDER ENDE ...................................... Treasurer
W. HOWARTH MEADOWCROFT .............................. Assistant Treasurer
PAUL B. HANAWALT .......................................... Secretary
JAMES W. PETERSEN .......................................... Assistant Secretary

BOARD OF TRUSTEES

Term Expires in 1967

REUBEN CARLSON (1961)
Puget Sound Bank Building .............................. Tacoma, Washington 98402

BEN B. EHRLICHMAN (1957)
1600 Norton Building ...................................... Seattle, Washington 98104

DR. J. HENRY ERNST (1961)
P.O. Box 585 ...................................................... Wenatchee, Washington 98801

L. EVERT LANDON (1965)
3303 So. 35th .................................................... Tacoma, Washington 98411

W. HOWARTH MEADOWCROFT (1959)
P.O. Box 1643 ...................................................... Tacoma, Washington 98401

FRANK C. NEAL (1953)
816 Washington Building ................................. Tacoma, Washington 98402

JAMES R. PAULSON (1964)
9830 DeKoven Drive S.W. .................................... Tacoma, Washington 98499

HERMAN E. TENZLER (1955)
P.O. Box 1493 ...................................................... Tacoma, Washington 98401

GERRIT P. VANDER ENDE (1953)
Pacific First Federal Savings & Loan Assn. .......... Tacoma, Washington 98402

DR. CLARK J. WOOD (1954)

CHARLES B. ZITTEL (1961)
4115 North 12th Street ...................................... Tacoma, Washington 98406
Term Expires in 1968

HARRY L. BROWN (1919)
Wesley Gardens, Cottage No. 3 Des Moines, Washington 98106

DR. ELDON G. CHUINARD (1961)
1922 N.W. Johnson Street Portland, Oregon 97209

DR. RAYMOND E. COOK (1913)
Wesley Gardens, Box 23 Des Moines, Washington 98106

MERTON ELLIOTT (1964)
Puget Sound Bank Bldg. Tacoma, Washington 98402

DR. PAUL B. HANAWALT (1934)
1404-25th Avenue, N.E. Puyallup, Washington 98371

COL. ALBERT H. HOOKER (1936)
603 North Yakima Avenue Tacoma, Washington 98403

DONALD A. JAENICKE (1961)
7020 Crescent Lane, S.W. Tacoma, Washington 98499

MRS. HELEN HARRINGTON SCHIFF (1957)
3027 West Laurelhurst Drive N.E. Seattle, Washington 98105

DR. R. FRANKLIN THOMPSON (1942)
University of Puget Sound Tacoma, Washington 98416

THE REV. JACK M. TUELL (1961)
6626 Gateway Terrace Everett, Washington 98201

RICHARD K. WASSON (1935)
1425 North Anderson Tacoma, Washington 98406

Term Expires in 1966

RICHARD C. BROWN (1966)
2608-36th Avenue, W. Seattle, Washington 98199

NORTON CLAPP (1932)
P.O. Box 1645 Tacoma, Washington 98401

WADE GARLAND (1966)
3624 North Verde Tacoma, Washington 98407

JOHN H. HAUBERG (1963)
1828 Washington Building Seattle, Washington 98101

MRS. GEORGE F. JEWETT, JR. (1959)
Skyland Way Ross, Calif. 94957

G. E. KARLEN (1944)
P.O. Box 1394 Tacoma, Washington 98401

DR. HAROLD B. LONG (1942)
909 North J Street Tacoma, Washington 98403

BISHOP EVERETT W. PALMER (1960)
800 Olympic Nat'l. Bldg., 920 Second Ave. Seattle, Washington 98104

JAMES W. PETERSEN (1960)
523 North D Street Tacoma, Washington 98403

A. E. SAUNDERS (1965)
Puget Sound National Bank Tacoma, Washington 98402

ROE E. SHAUB (1946)
1902 Pacific Avenue Tacoma, Washington 98402

J. DONALD SHOTWELL (1947)
3113 South Pine Street Tacoma, Washington 98409

( ) Date Joined Board

EXECUTIVE COMMITTEE

ADMINISTRATIVE OFFICERS AND ASSISTANTS
OFFICE OF THE PRESIDENT
R. Franklin Thompson, A.B., A.M., B.D., Ph.D., LL.D., L.H.D. President
Richard Dale Smith, A.B., Ped.D. Vice President
W. Gerard Banks, B.A., M.A., D.B.A. Vice President
Dale G. Bailey, B.A. Director of Public Relations
Maureen Bibler Secretary
Lois Carlson Assistant Secretary
Ila Jane Mills Stenographer

OFFICE OF THE DEAN OF THE UNIVERSITY
Robert Howard Bock, Ph.D. Dean of the University
Raymond Leo Powell, Ph.D. Assistant to the Dean of the University
Gene B. Davies Secretary
Anneke V. Markholt Assistant Secretary

EDUCATIONAL OFFICERS — University Center
James M. Greenhalgh, A. B. Fort Lewis
William King, A. B. McChord
Rose Sawa Madigan

OFFICE OF THE VICE PRESIDENT AND BURSAR
Administration:
William Gerard Banks, A.M., D.B.A. Vice President and Bursar
Clark W. Hillier Business Manager
James A. Smith, B.S., M.B.A. Controller
Vesta M. Hetrick ................................................... Secretary to the Vice President and Bursar
Pearl C. Jakeman ............................................... Secretary to the Business Manager
Elizabeth Turner ............................................... Secretary to the Controller

Property Management:
Shelby Scherer, A.B. ........................................... Property Manager
Virginia Whannell .............................................. Secretary

Financial Aid:
Lewis E. Dibble, B.A. in B.A. .................................. Director of Financial Aid
Clara Mae Dibble ................................................ Clerk
Cereta Fredrickson ............................................. Clerk
Geraldine Carlson .............................................. Clerk
Charlotte Vorderstrasse ..................................... Stenographer

Accounting and Credit:
Ella Algeo ........................................................ Manager
Judith Oliver ...................................................... Accounting Assistant
Dorothy Adams ................................................ Cashier
Ruth McVay ...................................................... Cashier
Myrtle Temple ................................................ Payroll Assistant

Disbursing:
Margaret Holmes, A.B. ........................................ Manager
Edith Farmer ..................................................... Disbursing Assistant

Mail Services:
Eveline Aitken ................................................ Manager

Purchasing:
Irline Hitt ........................................................ Purchasing Agent

Telephone Services:
Velora Dahlum ................................................ Manager
Evelyn Frater .................................................. Assistant Manager

Plant:
Eugene Elliott .................................................. Plant Superintendent
Vivian Laybourn ................................................ Secretary
Margaret Detting ................................................ Clerk
Harold May ....................................................... Buildings Maintenance Foreman
Carroll Hanson ................................................ Grounds Maintenance Foreman
Wesley Goucher ................................................ Custodial Foreman

Residence Halls:
Lawrence Nelson .............................................. Director of Housing
Zac Dunn ........................................................ Maintenance Foreman

Student Center and Special Events:
Doris Sage ........................................................ Director

Food Service:
Edna Chessman ................................................... Director of Food Services
Helen Pridemore .................................................. Manager, Food Service—Men's Group Housing
LaVerne Shuckhart ............................................. Manager, Student Dining Halls
Phyllis Reede ..................................................... Cashier
Ruby Wolf ........................................................ Supervisor, Snack Bar

Bookstore:
Grace Berry ...................................................... Manager
Jennie Berry ...................................................... Clerk
Nena Still ........................................................ Cashier
Margaret Fields ................................................ Clerk
Virginia Rollof ................................................ Clerk

Field House:
Ted Droettboom ................................................ Manager

Print Shop and Mail (Outgoing):
Ava Gordon ...................................................... Manager
Lucy Hill ........................................................ Assistant Manager
Florence Jennings ............................................. Addressograph and Mailing
Beth Colvin ...................................................... Multilith Operator

Swimming Pool:
Donald Duncan ................................................ Manager

OFFICE OF THE VICE PRESIDENT AND DEAN OF STUDENTS
Richard Dale Smith, A.B. Ped.B. ......................... Vice President and Dean of Students
Maybelle Blau ................................................ Secretary-Receptionist

Admissions:
Larry R. Stenberg, B.A. in Ed. ..................... Director of Admissions
Mary Curran, B.A. in B.A. .......................... Associate Director of Admissions and Dean of Women
Dorothy Greenwood ........................................ Assistant Director of Admissions
Jim Mancuso, B.A. in P.E. ............................... Admissions Counselor
Karen Beverly, B.A. in Ed. ............................... Admissions Counselor
Patti Baker ...................................................... Admissions Secretary

Counseling:
Mary Curran, B.A. in B.A. ............................... Dean of Women
Ramon Payne, B.A. in B.A., M.Ed. ................ Director of Admissions
THE LIBRARY
W. Desmond Taylor, A.B., M.S. Library Director
Raimund E. Marthis, A.B., M.L.S. Technical Service Librarian
Bradley F. Millard, A.B., M.L.S. Reference Librarian
Philip J. Schwarz, B.S., M.A. Public Service Librarian
Mrs. Enid Attix Secretary
Mrs. Marion B. Covert Interlibrary Loan Clerk
Mrs. Becky Duncan Typist
John Jensen Circulation Clerk
Mrs. Aina Johnson Bookkeeper
Mrs. Marion E. Bodinger Technical Services Clerk
Dan Militich Binding Clerk
Mrs. Marion E. Race Technical Services Clerk
Mrs. Margaret Rice Head Circulation Clerk
Mrs. Grace M. Scheibal Technical Services Clerk

LEWIS DIBBLE, B.A. in B.A. Director of Financial Aid
Dessel Hamilton Coordinator of Women's Counseling
Karen Beverly, B.A. in Ed. Admissions Counselor and Assistant to Dean of Women

Health Services:
Robert C. Johnson, M.D. Medical Advisor
Kenneth L. Pim, M.D. Assistant Medical Advisor
Esther Landon, R.N. School Nurse

Residence Halls:
Marlys Jobe Head Resident-Anderson Langdon Hall and Manager of Housing for Women
Molly Martin Head Resident, Schiff Hall
Margaret Norgord Head Resident, Harrington Hall
Kathryn Noftsinger Head Resident-Regester Hall
Bernice Peterson Head Resident-South Hall
Aris Swanson Head Resident-Tenzler Hall
Jerry Collins Head Resident-Todd Hall

OFFICE OF ALUMNI AFFAIRS
Douglas McArthur Alumni Director
Anita Baisinger, A.B. Secretary
Marion Fillinger Records Department

PUBLIC RELATIONS
Dale Bailey, B.A. in Speech Director of Public Relations
Louis Raphael, A.B., B.E. Director of Public Information

RELIGIOUS LIFE
Robert Albertson, A.B., B.D., Ph.D. Director

REGISTRAR'S OFFICE
Jack A. McGee, B.S. in Ed., M.Ed. Registrar
Eleanor Gerber Secretary to Registrar
Carol Ross Office Manager
Judy Little Receptionist
Dorothy Christensen Recorder
Anna Korslund Assistant Recorder
Marie Masek Credentials Clerk
Leo Webb Manager, Data Processing
Jane Pyle Key Punch Operator
Stan Hanson Data Processing

A. IN ADMINISTRATIVE PERSONNEL

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FACULTY

The faculty of the University of Puget Sound is primarily a teaching faculty. Although the faculty's academic interests are wide and diversified, its goal is straightforward and clear. Its principal purpose is to establish and maintain an atmosphere in which intellectual values and the student's search for his identity take precedence over everything else. Nonetheless, creative research among the faculty is greatly encouraged, as is made plain by the ongoing grants awarded the University by the National Science Foundation, and by recent faculty publications in Literature, Music and Religion.

The general faculty consists of certain officers of administration and all members of the active teaching faculty.

In the following list of the faculty the names are arranged alphabetically. Dates indicate (1) first connection with the University of Puget Sound; (2) date of receiving present rank:

**PRESIDENT**

ROBERT FRANKLIN THOMPSON, Ph. D. (1942; 1942)

President of the University

A.B., Nebraska Wesleyan University, 1930
A.M., B.D., Ph.D., Drew University, 1931, 1934, 1940
L.L.D., Nebraska Wesleyan University, 1947
Litt.D., American University, 1960

**FACULTY EMERITI**

LYLE FORD DRUSHEL, A.M. (1931; 1953)

Dean of Women and Associate Professor of English

A.B., University of Puget Sound, 1912
A.M., New York University, 1936

PHILIP RAYMER FEHLANDT, Ph.D. (1937; 1965)

Professor of Chemistry

A.B., Ripon College, 1922
A.M., Ph. D., University of Wisconsin, 1930, 1934

HELEN McKinney fossum, Ph.D. (1958; 1959)

Professor of Romance Languages

A.B., A.M., University of Kansas, 1918, 1926
Ph.D., University of California, 1936

ARTHUR LESTER FREDERICK, LL.D. (1927; 1960)

Professor, John O. Potter Chair of Religious Education

Ph.B., Lawrence College, 1920
A.M., Northwestern University, 1922
L.L.D., University of Puget Sound, 1962

MARTHA PEARL JONES, A.M. (1930; 1962)

Professor of Speech

B.S., Kansas State College, 1919
A.M., Northwestern University, 1927

FREDERICK ANSTON McMillin, M.S. (1924; 1956)

Professor of Geology

A.B., M.S., Willamette University, 1916; 1917
MARION JUNE MYERS, A.B. (1946; 1964)

Assistant Professor of English

A.B., University of Puget Sound, 1921
WARREN L. PERRY, A.M. (1927; 1927)

Professor, Librarian

A.B., B.S., University of Washington, 1923, 1927
A.M., University of Illinois, 1933
RAYMOND LEO POWELL, Ph.D. (1936; 1962)

Professor of Education

A.B., Colorado College, 1923
A.M., Ph.D., University of Iowa, 1928, 1932
JOHN DICKINSON REGESTER, Ph.D. (1924; 1965)

Dean of the Graduate School and Professor of Philosophy

A.B., Allegheny College, 1920
S.T.B., Ph.D., Boston University, 1922, 1928
BERTHA WOOD ROBBINS, Ph.B. (1929; 1950)

Assistant Professor of Spanish

Ph.B., DePauw University, 1903
CHARLES ARTHUR ROBBINS, LL.D. (1916; 1946)

Professor of Speech

B.S., Pomona College, 1912
A.M., University of California, 1921
Ph.D., Stanford University, 1930
JAMES RODENBURG SLATER, D.Sci. (1919; 1951)

Professor of Biology

Litt.B., Rutgers College, 1913
A.M., M.Pd., Syracuse University, 1917, 1919
D.Sci., University of Puget Sound, 1954
BLANCH WHITTIER STEVENS, M.S. (1927; 1942)

Professor of Home Economics

B.S., Mount Institute, 1919
M.S., Oregon State College, 1929

FACULTY

Rosa Maria Acosta, D.S.N. (1965; 1965)

Instructor in Spanish

Ped.D., D.S.N., University of Havana, 1939, 1949
ROBERT GRANT ALBERTSON, Ph.D. (1956; 1966)

Associate Professor of Religion and Director of Honors Program

A.B., Colorado State College of Education, 1947
B.D., Garrett Biblical Institute, 1950
Ph.D., Claremont Graduate School, 1966
GORDON Dee alcorn, Ph.D. (1946; 1947)

Professor of Biology

B.S., University of Puget Sound, 1930
M.S., Ph.D., University of Washington, 1933, 1935
DARLENE WOODS ALLEN, M.Ed. (1965; 1965)

Instructor in Education

A.B., San Jose State College, 1957
M.Ed., University of Arizona, 1965

NORMAN RODERICK ANDERSON, Ph.D. (1949; 1966)

Professor of Geology

B.S., University of Puget Sound, 1946
M.S., University of Washington, 1954
Ph.D., University of Utah, 1965

Associate Professor of Religion

A.B., Eastern Washington State College, 1945

Associate Professor of Education

Ed.D., University of Idaho, 1964
LEROY EARL ANNIS, A.M. (1966; 1966)

Assistant Professor of English

OTTO GEORGE BACHMONT, A.M. (1948; 1953)

Associate Professor of German

A.B., Wartburg College, 1927
A.B., A.M., University of Iowa, 1929, 1930
WILBUR HOWARD BAISINGER, Ph.D. (1947; 1962)

Professor of Speech

A.B., University of Puget Sound, 1941
A.M., Ph.D., Northwestern University, 1947, 1958
WILLIAM GERARD BANKS, D.B.A. (1946; 1965)

Associate Professor of Speech

A.B., Centenary College, 1927
A.M., University of Virginia, 1930
D.B.A., Willamette University, 1964
WOLFREDE BAUER, Ph.D. (1966; 1966)

Assistant Professor of History

A.B., Ph.D. University of Washington, 1951, 1964
J. RAYMOND BERRY, A.M. (1964; 1964)

Instructor in English

A.B., Michigan State University, 1950
A.M., New York University, 1956
KEITH ORAN BERRY, Ph.D. (1965; 1966)

Assistant Professor of Chemistry

A.B., Colorado State College, 1960
Ph.D., Iowa State University, 1966
ROBERT HOWARD BOCK, Ph.D. (1965; 1965)

Dean of the University

Director of School of Business Administration and Economics, and Professor of Business Administration and Economics

B.S.M.E., M.S., Ph.D., Purdue University, 1954, 1955, 1960
ALICE CLARA BOND, A.M. (1947; 1957)

Associate Professor of Physical Education

B.S., University of Iowa, 1931
A.M., Columbia University, 1932
RONALD EARL BOOTH, II, M.M. (1965; 1965)

Associate Professor of Music

B.M., University of Texas, 1947
M.M., Indiana University, 1949
BERT ELWOOD BROWN, Ph.D. (1960; 1966)

Assistant Professor of Physics

B.S., Washington State University, 1949
M.S., California Institute of Technology, 1953
Ph.D., Oregon State University, 1963
ROBERT W. DENOMY (Col., USAF, B.S., 1966; 1966)  
Professor of Aerospace Studies  
B.S., University of Illinois, 1959  

JOSEPH CHESTER DOLAN, Ed.D. (1957; 1957)  
Associate Professor of Education  
A.B., Western Washington State College, 1938  

J. WALTER DRAGELICH, LL.B. (1966; 1966)  
Instructor in Political Science  
A.B., Ohio University, 1963  
LL.B., Syracuse Law School, 1966  

DONALD ALLEN DUNCAN, A.B. (1957; 1963)  
Assistant Professor of Physical Education  
A.B., Washington State College, 1951  

TERRENCE DEAN F R O M O N G, Ph.D. (1963; 1963)  
Associate Professor of Psychology  
A.B. Colorado State College, 1953  

EDWARD DELMAR GIBBS, Ph.D. (1941; 1950)  
Professor of Education  
A.B., Huron College, 1933  
B.S., Dakota Wesleyan University, 1934  
A.M., University of South Dakota, 1938  
Ph.D., University of Chicago, 1950  

EDWARD GORDON GOMAN, M.S. (1947; 1965)  
Professor of Mathematics  
B.S., M.S., Oregon State College, 1943, 1947  

LYLE ALLAN GREEN, A.M. (1965; 1965)  
Instructor in Political Science  
A.B., Willamette University, 1962  

BETH HANKINS GRIESEL, M.Ed. (1955; 1955)  
Assistant Professor of Education  
B.A., Willamette University, 1963  

PHILIP ERNEST HAGER, Ph.D. (1957; 1960)  
Associate Professor of English  
A.B., A.M., Ph.D., University of Washington, 1939, 1946, 1950  

Assistant Professor of Home Economics  
A.B., Arizona State College, 1943  

HOMER HOWELL HAMNER, Ph.D. (1959; 1963)  
E. L. BLAINE Professor of Economic History  
A.B., LL.B., M.A., University of Southern California, 1938, 1941, 1947, 1949  

JAMES JOSEPH HARRISON, M.S. (1966; 1966)  
Assistant Professor of Mathematics  
B.S., Seattle University, 1955  

EDWIN HARVEY HEADLAND, M.B.A. (1963; 1966)  
Instructor in Business Administration  
B.A., United States Naval Academy, 1935  
M.B.A., University of Puget Sound, 1963  

JOHN PATRICK HEINRICK, A.M. (1945; 1957)  
Associate Professor of Physical Education  
A.B., University of Washington, 1926  
A.M., Seattle University, 1952  

PAUL HARRY HEPPE, Ph.D. (1960; 1964)  
Associate Professor of Political Science  
A.B., A.M., Ph.D., University of Wisconsin, 1939, 1948, 1956  

EDWARD JAMES HERBERT, Ph.D. (1966; 1966)  
Assistant Professor of Biology  
A.B., Cornell College, 1957  
M.S., State University of Iowa, 1959  
Ph.D., Southern Illinois University, 1966  

ILONA HERLINGER, M.M. (1959; 1965)  
Assistant Professor of Music  
A.B., Michigan State University, 1955  
M.M., University of Michigan, 1956  

VERNON LEROY HESS, A.M. (1961; 1964)  
Assistant Professor in English  
A.B., Friends University, 1944  
A.M., Stanford University, 1950  

CLARK WELDON HILLIER (1945; 1957)  
Assistant Bursar  
Renate Rose Marie Hedges, B.Ed. (1965; 1966)  
Instructor in German  
A.B., University of Strasburg, 1950  
B.Ed., University of Puget Sound, 1965  

M I L T O N HOYT, M.S. (1965; 1965)  
Assistant Professor of Education  
B.S., M.S., University of Utah, 1948, 1953  

Murray Leathers Johnson, M.D. (1963; 1963)  
Research Professor in Biology  
A.B., M.D., University of Oregon, 1935, 1939  

ERNEST LEONARD KARLSTROM, Ph.D. (1961; 1961)  
 Associate Professor of Biology  
A.B., Augusta College, 1940  
M.S., University of Washington, 1952  
Ph.D., University of California, 1956  

MURL TUCKER KEISER, M.M. (1965; 1965)  
Associate Professor of Music  
A.B., University of Virginia, 1943  


John Gerard Kley, Ph.D. (1965; 1966)  
Associate Professor of Biology  
B.S., Yale University, 1948  
Ph.D., Cornell University, 1951  

GEORGIA CLAUDINE KRATZBERG, M.H.E. (1964; 1966)  
Assistant Professor of Home Economics  
B.S., Wheaton College, 1955  
M.H.E., University of Puget Sound, 1963  

Associate Professor of Education  
A.B., University of Puget Sound, 1940, 1945  
M.Ed., University of Puget Sound, 1953  

M.Ed., University of Washington, 1963  

Edwin Harvey Headland, M.B.A. (1963; 1966)  
Instructor in Business Administration  
B.A., United States Naval Academy, 1935  
M.B.A., University of Puget Sound, 1963  

John Tollef Lantz, A.M. (1946; 1957)  
Associate Professor of Mathematics  
B.S., University of Puget Sound, 1946  
A.M., University of Washington, 1955
ADMINISTRATIVE PERSONNEL

WILLIAM DESMOND TAYLOR, A.M. (1960; 1963)
   Head Librarian
   A.B., Emery and Henry College, 1953
   A.M., University of Illinois, 1960

ROBERT CARLTON TAYLOR, M.Ed. (1964; 1964)
   Assistant Professor of Music
   B.S., M. Ed., Midwestern University, 1954, 1957

NORMAN FRANCIS THOMAS, Ph.D. (1955; 1965)
   Dean of Graduate School
   Associate Professor of History
   A.B., Yankton College, 1940
   A.M., University of South Dakota, 1944
   Ph.D., University of Minnesota, 1954

WARREN EVERETT TOMLINSON, Ph.D. (1933; 1958)
   Elwood Davidson, M.S.; Chemistry Fellow
   Catherine B. Elliott, A.B.; Music Fellow
   Evelyn L. Bloom; Physical Education Fellow
   Monique A. Barnes, A.B.; French Fellow

EVALYN KRETSCHMAR, A.B.; English
   CAROL LEE OTTERSON, M.S.; Mathematics
   FRANCES McDONELL, A.B.; Physical Education
   DONALD K. SEAVY, B.S.; Physical Education
   RUTH E. HARTLEY, Ph.D.; Psychology

MARIAN HARPER WELDIN, A.M. (1965; 1965)
   Instructor in French
   A.B., Mills College, 1962
   A.M., University of Washington, 1965

LYNN LEOTA WENTWORTH, A.M. (1947; 1957)
   Professor of Art

RUSSELL WILKerson, M. Ed. (1962; 1966)
   Assistant Professor of Physical Education

VISITING TEACHERS, LECTURERS
   AND ASSISTANTS

MONIQUE A. BARNES, A.B.; French
   JOSEPHINE A. BATES, M.S.W.; Psychology
   EVELYN L. BLOOM; Physical Education
   J. ALBERT BREVIK, A.M.; Education
   WILTON H. CROSBY, A.B.; Business Administration
   ELWOOD DAVIDSON, B.S.; Chemistry Fellow
   G. CLAUDE DENNIS, A.B.; Business Administration Fellow
   WILMA W. DIPPERY; Physical Education
   CATHERINE B. ELLIOTT, A.B.; Music
   THELMA K. GLOYDE, A.B.; Biology

LEONARD M. GUSS, Ph.D.; Business Administration
   RICHARD B. HARTLEY, Ph.D.; Psychology
   LESLIE L. HOAR, A.M.; Education
   LLOYD E. JAKEMAN, M.S.; Mathematics
   JEROME A. JOHNSON, A.B.; Education Fellow
   JANE KEFFLER, A.B.; Art
   THOMAS W. LANTZ, B.S.; Physical Education, Political Science
   ANNA LAVASKA, A.B.; Russian
   CLARENCE P. LUND, A.B.; Education
   JOANNE McCARTHY, A.B.; English Fellow
   FRANCES MC DONELL, A.B.; Physical Education
   RUTH L. MEENK, A.M.; English
   MARTHA J. MELLINGER, A.M.; Home Economics
   DONALD O. MOSEID, A.B.; Physical Education
   SEIICHI NIWA; Japanese
   FRANKLIN W. O'NEEL, A.M.; Education
   CAROL LEE OTTERSON, M.E.; Mathematics
   HARRY S. PARKER, M.S.; Education
   LOUIS R. PAZAR, A.M.; Latin
   ANITA W. PRESTON, A.M.; Occupational Therapy
   BERNICE G. RIEHL, B.L.; Religion
   ROBERT L. SCHALOCK, Ph.D.; Psychology
   JUDITH SCHULTZ, A.B.; English Fellow
   DOROTHY SEABY, B.S.; Biology Fellow
   JEFFREY L. SMITH, B.D.; Religion
   EILEEN SOLIE, B.S.; Biology Fellow
   THEODORE R. STERLING, Ph.D.; Psychology
   JOAN STOVER, B.S.; Chemistry Fellow
   BARBARA F. TEATS; Physical Education
   MARY THEOBOLD, B.S.; Biology Fellow
   ROSEMARY VAN ARSDEL, Ph.D.; English
   DENNIS VERCILLO, A.B.; History Fellow
   JAMES R. WHITMAN, Ph.D.; Psychology

MEDICAL ADVISORY BOARD FOR OCCUPATIONAL THERAPY

CLARIS ALLISON, M.D.; Lecturer in Hospital Administration
   ERNEST E. BANFIELD, A.B., M.D.; Lecturer in Plastic Surgery
   KURT BRAWAND, M.D.; Lecturer in Psychiatry
   G. GEISSLER, B.S., M.S., M.D.; Lecturer in Ophthalmology
   JAMES E. HAZEL RIGG, B.S., M.D.; Lecturer in General Medicine and Surgery
   HAROLD B. JOHNSTON, M.D.; Lecturer in Neuroanatomy
   JAMES D. LAMBING, A.B., M.D.; Lecturer in Cardiology
   ROBERT E. LANE, A.B., M.D.; Lecturer in Tuberculosis

MARCEL MALDEN, M.D.; Lecturer in Neurology
   WENDELL G. PETERSON, B.S., M.D.; Lecturer in Orthopedics
   DUMONT S. STAATZ, B.S., M.D.; Lecturer in Cerebral Palsy

OCCUPATIONAL THERAPY AFFILIATES

Dr. H. T. Buckner's Rehabilitation Center, Seattle
   Dept. of Labor and Industries
   PATSY BRITTAIN, O.T.R.
   Good Samaritan Hospital, Puyallup
   MRS. MARY LOUISE HAGER, O.T.R.
   Holladay Center, Portland
   MRS. LOIS WALSH, O.T.R.
   King County Hospital, Unit II, Seattle
   WANDA KNANNLEIN, O.T.R.
   Lowell Avenue School, Seattle
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