

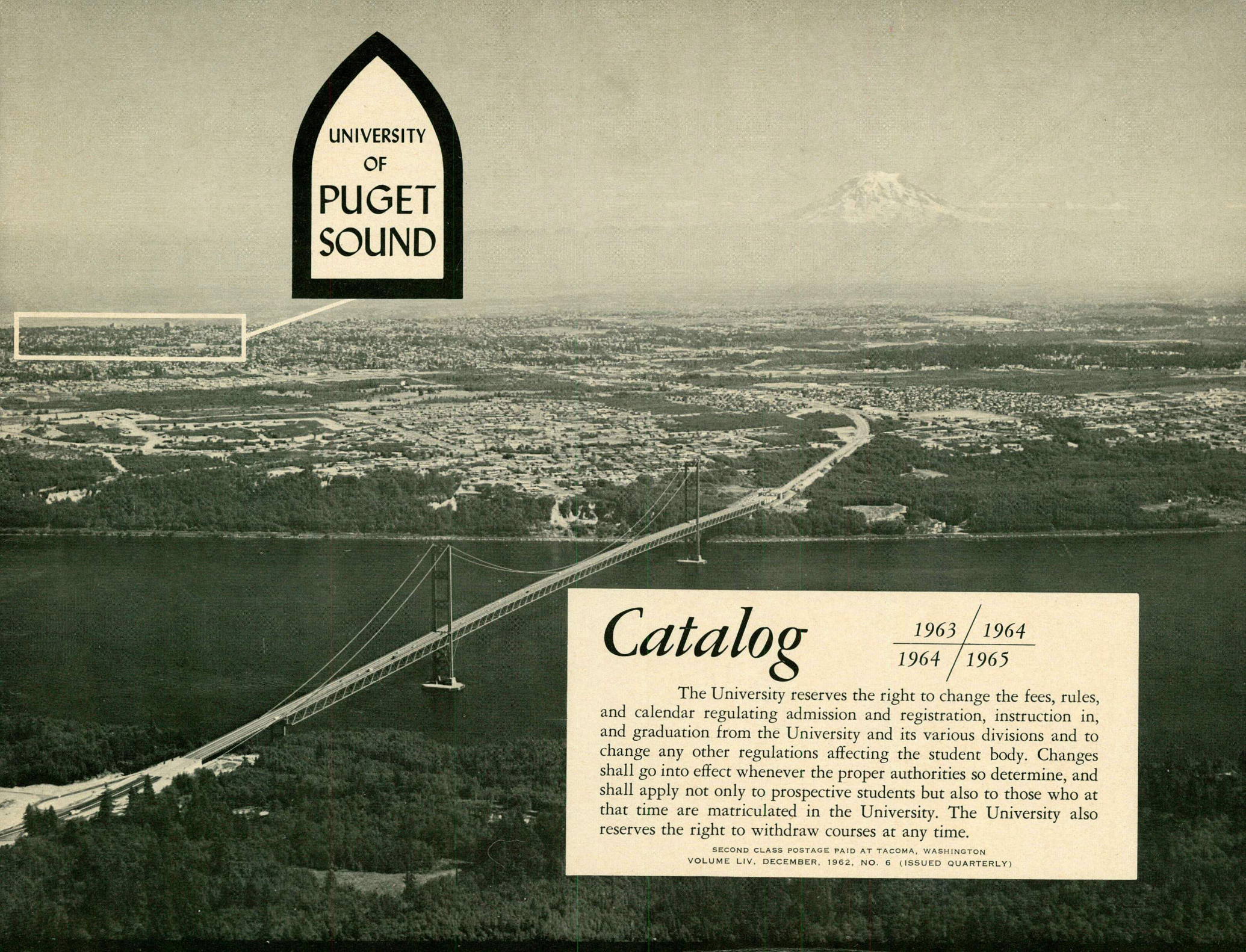
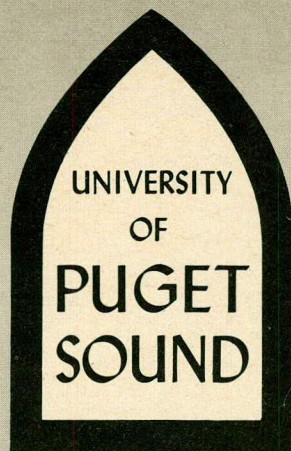
BULLETIN

University of Puget Sound



1963	1964
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CATALOG NUMBER



Catalog

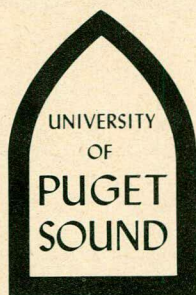
1963 / 1964
1964 / 1965

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 shall go into effect whenever the proper authorities so determine, and shall apply not only to prospective students but also to those who at that time are matriculated in the University. The University also reserves the right to withdraw courses at any time.

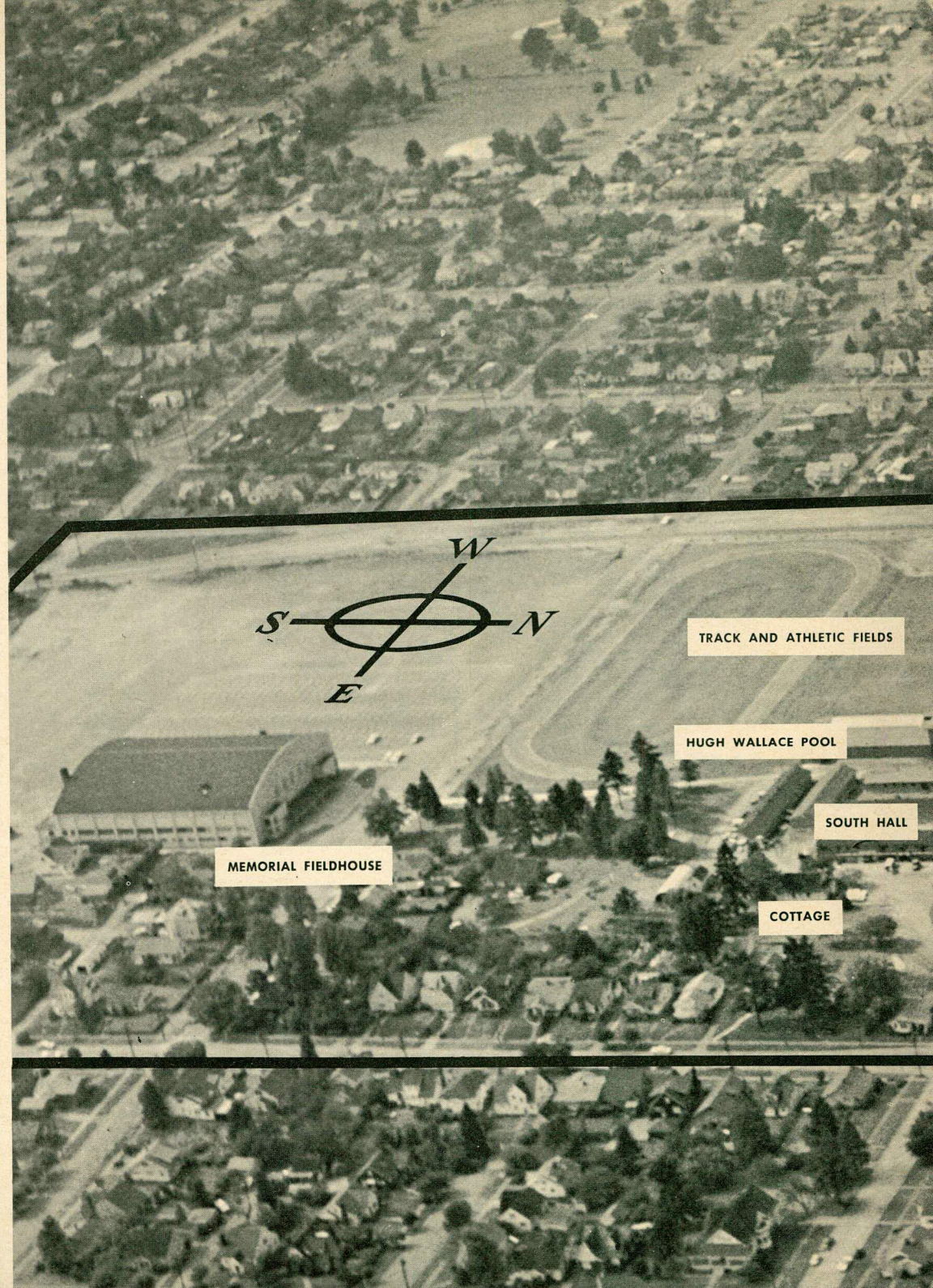
SECOND CLASS POSTAGE PAID AT TACOMA, WASHINGTON
VOLUME LIV, DECEMBER, 1962, NO. 6 (ISSUED QUARTERLY)

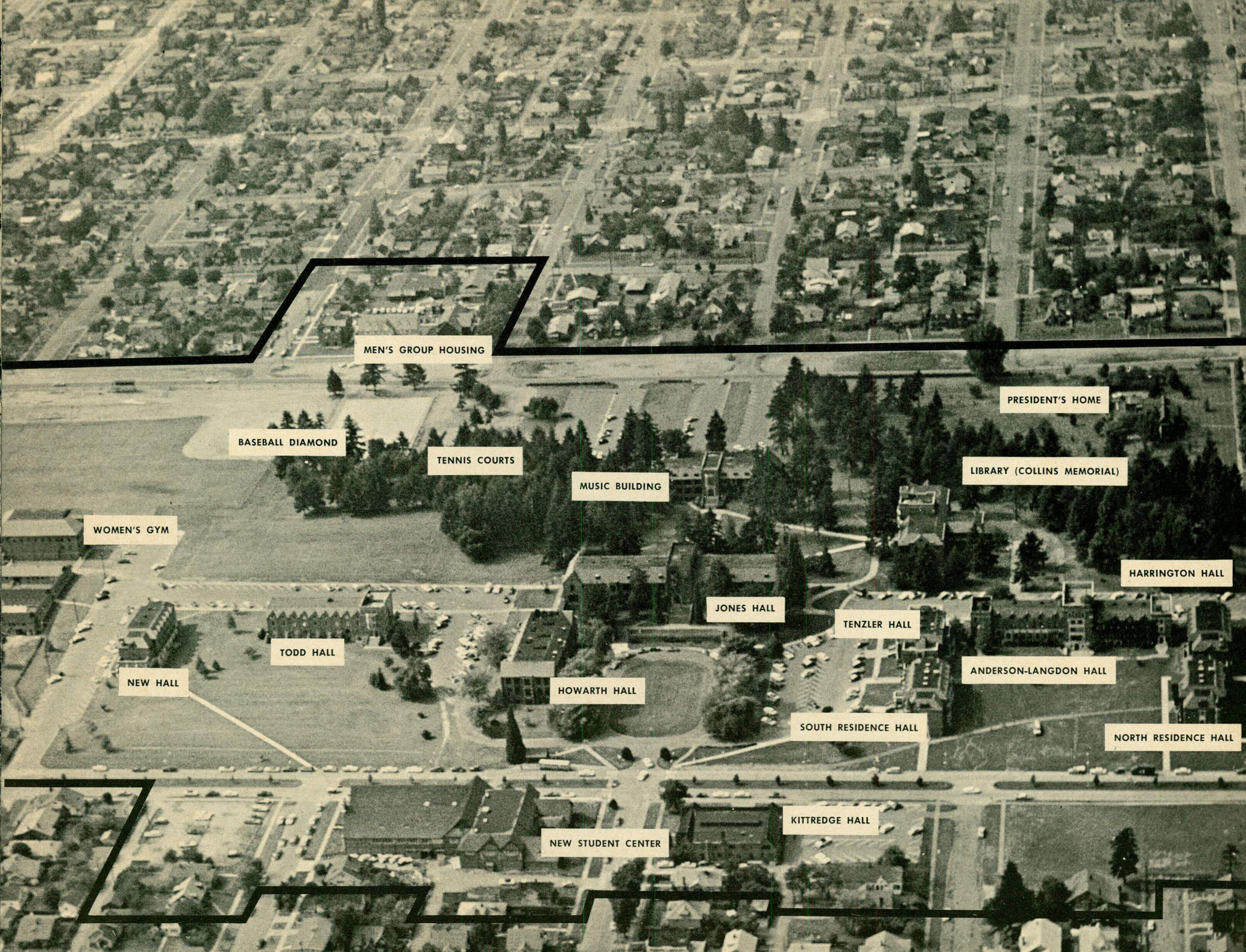
... a beautiful campus

The University of Puget Sound now occupies twenty-two modified Tudor-Gothic buildings conveniently placed over a spacious campus of seventy acres. With the addition of a new science building, second classroom-auditorium building — all planned for the near future — The University of Puget Sound will continue to provide the best in facilities.



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.





MEN'S GROUP HOUSING

BASEBALL DIAMOND

TENNIS COURTS

MUSIC BUILDING

PRESIDENT'S HOME

LIBRARY (COLLINS MEMORIAL)

WOMEN'S GYM

HARRINGTON HALL

JONES HALL

TENZLER HALL

TODD HALL

ANDERSON-LANGDON HALL

NEW HALL

HOWARTH HALL

SOUTH RESIDENCE HALL

NORTH RESIDENCE HALL

NEW STUDENT CENTER

KITTREDGE HALL



University Calendar

SUMMER SESSION, 1963

Registration.....	Friday, June 14
Classes begin.....	Monday, June 17
Independence Day Holiday.....	Thursday, July 4
Graduate Record Examinations.....	July 9, 10
End of first half of summer session.....	Wednesday, July 17
Classes begin for second half.....	Thursday, July 18
Close of summer Session and Graduation Convocation.....	Friday, Aug. 16

FIRST SEMESTER, 1963-64

Registration for day classes and Freshman Induction	
Monday, Tuesday, Wednesday, September 16, 17, 18	
Registration for Community Service Classes,	
8 a.m. to 9 p.m.....	September 19, 23, 24, 25
Classes begin—Day and Community Service.....	Thursday, September 19
Latest date for discontinuing a course without F unless	
work is satisfactory to date of withdrawal.....	Friday, October 11
Latest date for removal of INC or K grades.....	Friday, November 1
Mid-semester.....	Friday, November 15
Thanksgiving Holiday, begins at noon.....	Wednesday, November 27
Ends at 8:00 a.m.....	Monday, December 2
Christmas Recess, begins.....	Saturday, December 21
Ends at 8:00 a.m.....	Monday, January 6
Graduate Record Examinations.....	January 7, 8
Closed period (from 6 p.m. to 6 p.m.).....	January 10-24
Examinations.....	January 20-24 inclusive
Last day of the first semester.....	Friday, January 24

SECOND SEMESTER, 1963-64

Registration for classes, day.....	Wednesday, Thursday, January 29, 30
Classes begin—day.....	Friday, January 31
Registration and beginning of classes for Community Service,	
8:00 a.m. to 9:00 p.m.....	February 3, 4, 5, 6
Latest date for discontinuing a course without F, unless	
work is satisfactory to date of withdrawal.....	Friday, February 21
Graduate Record Examinations.....	March 10, 11
Latest date for removal of INC or K grades.....	Friday, March 13
Mid-semester.....	Friday, March 27
Spring Recess, begins.....	Saturday, March 28
Ends at 8:00 a.m.....	Monday, April 6

Senior Recognition Day	Tuesday, May 5
Closed period (from 6 p.m. to 6 p.m.)	May 15-29
Examinations	May 25-29 inclusive
Baccalaureate and Graduation Convocation	Sunday, May 31

SUMMER SESSION, 1964

Registration	Friday, June 12
Classes begin	Monday, June 15
Graduate Record Examinations	July 7, 8
End of first half of summer term	Wednesday, July 15
Classes begin for second half	Thursday, July 16
Close of summer Session and Graduation Convocation	Friday, August 14

FIRST SEMESTER, 1964-65

Registration for day classes and	
Freshman Induction	Monday, Tuesday, Wednesday, September 14, 15, 16
Registration for Community Service Classes,	
8:00 a.m. to 9 p.m.	September 17, 21, 22, 23
Classes begin—day and Community Service	Thursday, September 17
Latest date for discontinuing a course without F,	
unless work is satisfactory to date of withdrawal	Friday, October 9
Latest date for removal of INC of K grades	Friday, October 30
Mid-semester	Friday, November 13
Thanksgiving Holiday, begins at noon	Wednesday, November 25
Ends at 8:00 a.m.	Monday, November 30
Christmas Recess, begins	Saturday, December 19
Ends 8:00 a.m.	Monday, January 4
Graduate Record Examinations	January 5, 6
Closed Period (from 6 p.m. to 6 p.m.)	January, 8-22
Examinations	January 18-22 inclusive
Last day of the first semester	January 22

SECOND SEMESTER, 1964-65

Registration for day classes	Wednesday, Thursday, January 27, 28
Classes begin—day	Friday, January 29
Registration and beginning of classes for Community Service from	
8 a.m. to 9 p.m.	February 1, 2, 3, 4
Latest date for discontinuing a course without F, unless	
work is satisfactory to date of withdrawal	Friday, February 19
Graduate Record Examinations	March 9, 10
Latest date for removal of INC or K grades	Friday, March 12
Mid-semester	Friday, March 26

Spring Recess, begins	Saturday, March 27
Ends at 8:00 a.m.	Monday, April 5
Senior Recognition Day	Tuesday, May 4
Closed period (from 6 p.m. to 6 p.m.)	May 14-28
Examinations	May 24-28 inclusive
Baccalaureate and Graduation Convocation	Sunday, May 30

SUMMER SESSION, 1965

Registration	Friday, June 18
Classes begin	Monday, June 21
Graduate Record Examinations	July 13, 14
End of first half of summer session	Wednesday, July 21
Classes begin for second half	Thursday, July 22
Close of summer Session and Graduation Convocation	Friday, Aug. 20



GENERAL CHARACTER

The University of Puget Sound offers courses of study leading to bachelors' and masters' degrees in the arts and sciences. It also offers professional training and degrees in teaching, music, occupational therapy, business, nursing, and medical technology, and preparatory courses for students of medicine, law, engineering, dentistry, and theology.

The University is coeducational. Its aim is to produce men and women who, in addition to being competent in their respective areas of study, will become well integrated persons and leaders in their communities.

The University provides a carefully balanced education within a Christian framework. The Christian religion is presented without denominational bias; and to its presence throughout the whole program the University attributes its character.

The University of Puget Sound was founded in Tacoma, Washington, on March 17, 1888, on initiative of the Puget Sound Annual Conference of the Methodist Episcopal Church and by authorization of the Territorial Legislature. In 1914 it was reorganized as a college of liberal arts under the name of College of Puget Sound. Subsequent growth and diversity of educational offerings brought about the need for a University structure and the college again became the University of Puget Sound on January 1, 1960.

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, operating as an independent, non-tax-supported institution, has an endowment of approximately three million dollars and total assets worth more than ten and one-half million dollars.

ACCREDITATION

The University of Puget Sound is accredited by the Northwest Association of Secondary and Higher Schools. This accreditation is 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.

CAMPUS AND PLANT

Originating in one frame building, the University of Puget Sound now occupies twenty-two brick-faced concrete structures, also one concrete and five frame structures, making a total of twenty-eight buildings conveniently spaced over a campus of sixty acres. All of the University's resources and facilities have been well designed and directed for the benefit of the students.

The C. H. Jones Hall houses the administrative offices and classrooms. In addition, it contains the main auditorium, and the Gail Pauline Day Memorial Chapel.

The Leonard Howarth Hall is the science building. Physics, biology, chemistry and geology laboratories are here, as well as a completely equipped home economics department.

The Music Building contains studios, classrooms, practice rooms, listening rooms, a recording studio, student and faculty lounges, and a recital hall.

The John M. Kittredge Hall houses the Art Department, three galleries, while also providing general purpose classrooms.

The Gymnasium contains facilities for women's physical education and sports.

The South Hall is a temporary structure which houses Occupational Therapy and provides extra classrooms and offices.

The Everell S. Collins Memorial Library contains over eighty-two thousand volumes. Besides being a depository for federal documents the library subscribes to a selected list of three-hundred-and-fifty periodicals. The reading rooms have a seating capacity of six-hundred. There is also a fully-equipped film-projection room, student lounge, typing rooms, special study rooms, and a rare book collection.

The Memorial Field House measures two-hundred by one-hundred-eighty feet, with space for four basketball courts. Its total seating capacity is over six-thousand. Besides providing for men's physical education, it houses the Air Force ROTC Unit.

The Agnes Healy Anderson Hall is a women's residence housing thirty-six. Attractively designed, the hall contains student rooms, a lounge, study rooms and recreational facilities.

The Myrtella Langdon Hall is a women's residence unit attached to Anderson Hall and houses approximately one hundred and forty-eight women.

The Margaret Harrington Hall is a women's residence with facilities for seventy-six women. There are two lounges, study, typing and recreational rooms.

The North and South Residence Halls have facilities for one hundred women in each hall. There are two lounges plus study, typing and recreation rooms in each building.

The Flora B. Tenzler Hall is a women's residence for sixty-nine students. It is one of the most advanced and unusual on any college campus; the style of the floor structure is a block of three suites built around a private bath.

The Edward H. Todd Hall is a men's residence which contains facilities for ninety-five. Besides the student rooms, there are lounges and recreational facilities.

The New Hall is a men's residence located just south of Todd Hall. Besides student rooms for seventy-eight men, there are lounges and recreational facilities.

The Men's Group Housing Project consists of five residence halls housing approximately 45 men each with lounge, recreation and dining facilities. An underground kitchen provides food for the entire block of residence halls.

Annex Housing. The University has purchased and remodeled five residences adjoining the campus for men or women students in groups varying from 6 to 24.

The Hugh Wallace Memorial Swimming Pool, an indoor Olympic sized, eighty-two-foot, six-lane swimming pool, a contribution by the Hugh Wallace Foundation, was completed in 1957, and is attached to the gymnasium.

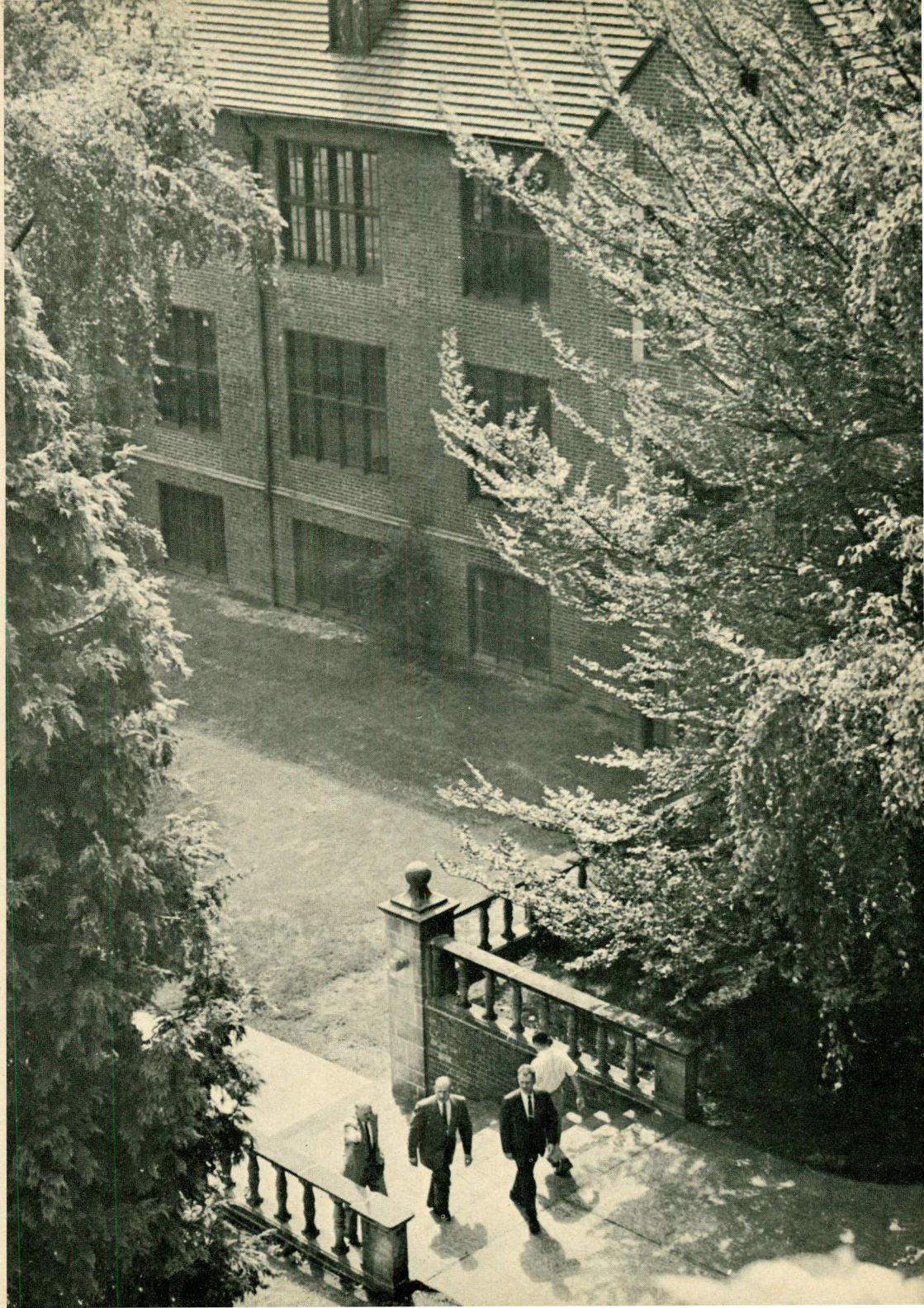
The New Student Center is a million-dollar structure approximately a block long and a half block wide. The "great hall" dining room seats five-hundred. In this room a mammoth fireplace is emphasized by a vaulted ceiling, hand-hewn timbers and clusters of circular feudal type lighting fixtures. A second dining room seats another five-hundred, and there are student body offices, lounges, a recreational area and many other facilities. This is also the home of the Peggy Strong murals.

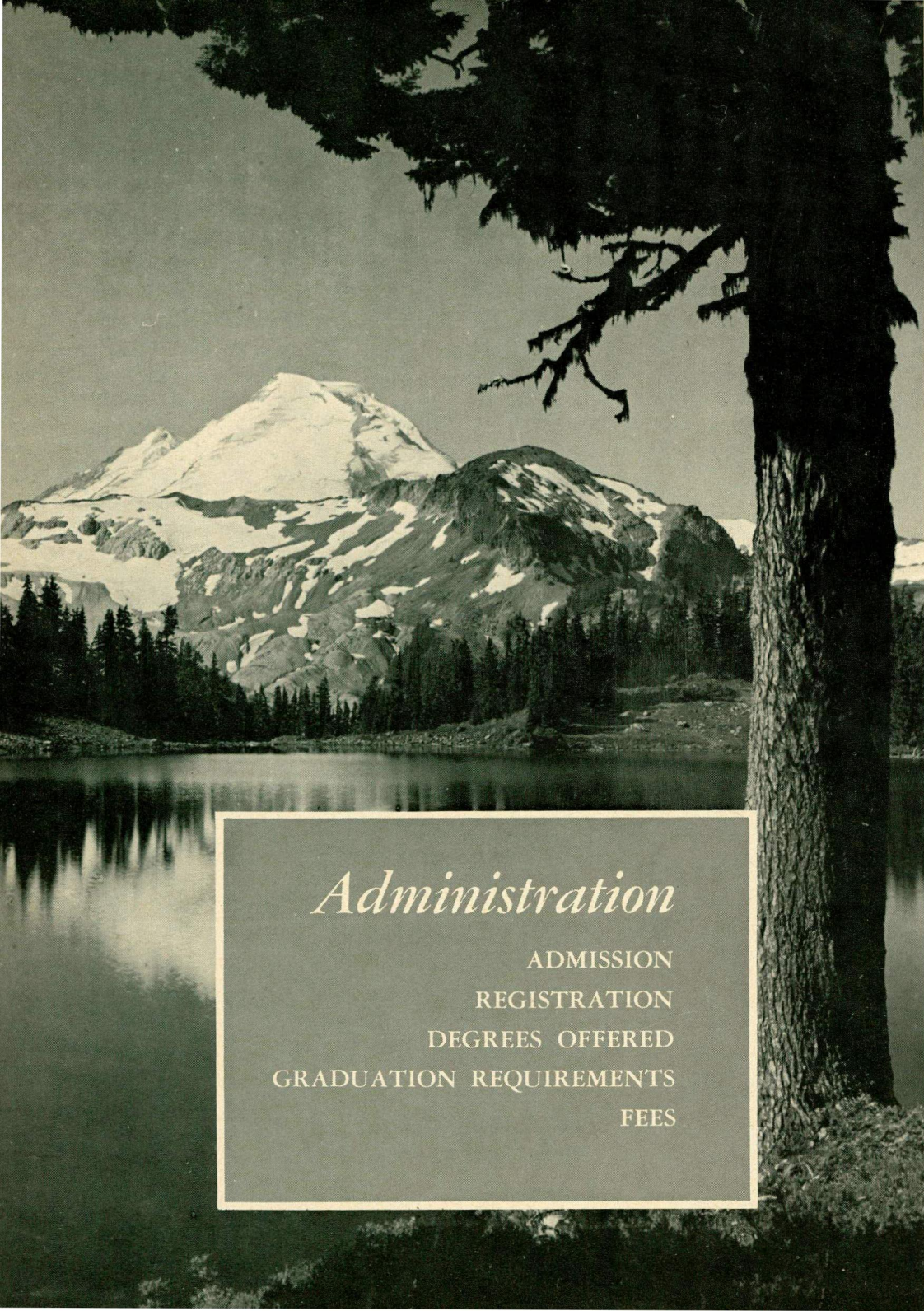
The Dr. W. B. Burns baseball diamond, tennis courts, athletic field and stadium, occupy positions between the Women's Gymnasium and the Memorial Field House.

The President's Home, a large beautiful residence on a spacious lawn, is located on the northwest corner of the carefully planned and landscaped campus.

UNIVERSITY CENTERS

These centers are located at Fort Lewis, McChord AFB, and Madigan General Hospital — offering resident credit courses and Bachelor's Degree Programs for Military Personnel, Military Dependents, Defense Department Employees, and "Bootstrap" participants.





Administration

ADMISSION
REGISTRATION
DEGREES OFFERED
GRADUATION REQUIREMENTS
FEES

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. With present enrollment limited, each student will necessarily be admitted on a selective basis.

There are no arbitrary entrance requirements such as required grade point averages and specified high school units. Each applicant is given individual consideration, and a careful evaluation of the total student record is made to determine the likelihood of success at the University of Puget Sound. Primary criteria include scholastic records, counselors' recommendations, and College Board Scholastic Aptitude Test scores. Known interests and ambitions and evidence of imagination, creativity, responsibility, maturity, and motivation are also items of consideration.

ADMISSION TO THE FRESHMAN CLASS

High School students may apply for admission to the freshman class upon completion of the first semester of the senior year and they are encouraged to complete the application in early spring (with the exception of Early Decision Plan Candidates, see page 9). Applications received after July 1 will be considered only to the extent that space in the class is available.

Candidates for spring semester admission should complete their application the preceding fall.

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 any academic work the student may have in progress. 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 reservation cards are included with the certificate of admission for students living on campus, and a \$25.00 advance room payment should accompany the return of the cards.

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

Admission to the University extends the privilege of registering in courses of instruction only for the semester stated in the certificate of admission. The University necessarily reserves the option to refuse extension of this privilege and to reject any initial application.

In making application for admission to the University of Puget Sound, freshman applicants must 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 by request from the UPS Admissions Office or from the high school. The Personal Information section should be completed and the form returned to the high school where the transcript of high school record and the counselor's recommendations are to be added. The high school is then requested to 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 personally responsible for making their own arrangements to take the CEEB test in December, January, March or May. The December Administration is advised. 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, should 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 admissions before this date. The University expects to receive candidates' decisions and advance payments by or after May 1.

EARLY DECISION PLAN

Students whose high school records and College Board Examination scores demonstrate superior achievement and capacity, and who are recommended by their schools, may apply for admission to the University of Puget Sound following the close of their junior year in high school. Early Decision applicants will be asked to certify that the University of Puget Sound is their first choice and that no other applications will be made pending a decision from the University Admissions Committee.

The Scholastic Aptitude Test of the College Entrance Examination Board may be taken in either March, May or August of the junior 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 until October 15 of the senior 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 within two weeks after the application has been completed. If a candidate is admitted under this plan, an assurance of admission will be given with the understanding that the high school record will continue to be of high quality. Accepted students will be asked to deposit with the University an advanced tuition payment of \$75, plus a \$25 advanced payment for board and room if planning to live on campus.

Students not granted admission under this Early Decision Plan will be considered along with all regular applicants.

HONORS AT ENTRANCE

Honors at Entrance are awarded publicly to a limited number of entering freshmen in recognition of outstanding ability evaluated in terms of probable success at the University.

Honors at Entrance to Puget Sound affords the following opportunities:

1. Placement in advanced courses of study where appropriate.
2. College credit toward a Bachelor's degree for each course exempted through the results of the Advanced Placement Examinations of the College Entrance Board for those Honors at Entrance students who have taken approved high school advanced placement courses.

THE UNIVERSITY OF PUGET SOUND HONORS PROGRAM

The Honors Program is designed to give exceptionally able students a college education in greater depth than would be possible through the regular courses of study.

Approximately five percent of the Freshman class each year is admitted to the Program. Admission is based on academic high school record, College Entrance Examinations, and personal recommendations. A few students are admitted to the program later in their college careers, depending upon their performance and the number of openings available.

Honors students are enrolled in special courses for roughly half of their freshman and sophomore years. Since these courses satisfy many of the general requirements for graduation, they do not prevent Honors Students from majoring in the subjects of their choice.

During the junior and senior years participants in the program will be given wide freedom in the pursuit of their major and encouraged to apply for Independent Study.

ADVANCED PLACEMENT

The University of Puget Sound participates in the Advanced Placement

program conducted by the College Entrance Examination Board. Scores of 5, 4, and 3 made on the CEEB Advanced Placement Tests are the basis of advanced placement and consideration for degree credits at Puget Sound. Where granted, credit will be given in an amount equal to the credit in the respective subject fields.

Qualified students should consult their counselors to secure details concerning the CEEB Advanced Placement Program.

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.

Admission will be granted on the conditions set forth below:

1. The applicant must have on file with the Director of Admission of the University a copy of an official transcript of his record from each college or university previously attended plus a \$10 application fee. Such transcripts must be sent by these institutions directly to the University, not by way of the student. Applications from qualified candidates after August 1st will be considered only to the extent that facilities are available and time permits.
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. The applicant's scholastic record must give clear indication of probable success in a college course of study.

Assignment of advanced standing will be made following evaluation of the student's transcript. Evaluation and assignment are subject to the following considerations:

1. 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 towards graduation as part of the student's permanent record.
2. Credit from accredited junior colleges will be accepted but not to exceed sixty semester hours plus four physical education credits.
3. 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.



4. A student eligible for junior or senior standing must indicate his choice of major subject when submitting his transcript.

ADMISSION TO GRADUATE STUDY

Students who hold degrees from accredited colleges and universities may be admitted for further study. Each applicant must file with the Director of Admissions two copies of the official transcript of his record at the institution which granted his degree and at any attended subsequent to his graduation.

Not all persons engaged in study as graduates are candidates for the Master's degree. Application to work for a Master's degree must be made to the Admissions Office, and be approved by the head of the department or school concerned and the Dean of the Graduate School. Students who are enrolled in graduate study in accordance with these conditions are admitted to the Graduate School and to candidacy for the Master's degree.

ADMISSION OF SPECIAL STUDENTS

Mature students who are not graduates of high schools, students from unaccredited institutions, or students who lack certain credentials, are occasionally admitted as special students. Applicants should consult the Director of Admissions for procedure. Special students may enroll for courses for which they are prepared, but are not considered candidates for any degree.

On application to the Dean of Students a special student may be granted regular class standing after satisfactorily completing one full year of residence study.

ADMISSION OF VETERANS

The University of Puget Sound is approved to provide training under appropriate United States Codes (formerly Public Laws 346, 16, 894, 550 and 634) in cooperation with the Veterans Administration. Under chapter 33, Title 38, and chapter 35, Title 38, United States Codes, (formerly Public Laws 550 and 634) the student receives a specified amount from the Veterans Administration, but pays for his own tuition, fees and other expenses and is expected to follow the standard instructions regarding settlement of financial obligations outlined elsewhere in this bulletin under the heading "Payments."

Each veteran applying for admission under the provisions of any of the United States Codes listed above is required to include with his application a certified true copy of his certificate of honorable discharge or release to inactive duty and is expected to establish contact prior to the date of official registration, preferably in person, with the Secretary for Veterans' Affairs, Room 106, Jones Hall.

Veterans must complete the requirements for admission to the Freshman class or to advanced standing at least one month before beginning of classes and admission to the University will be under the same procedures as prescribed for other students.

ADMISSION OF FOREIGN STUDENTS

Students from countries other than the United States must submit with their applications evidence that sufficient funds will be available to cover their travel, and for their 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 or 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 bonafide sponsor in the United States who is willing and able to grant him financial aid as needed.

Registration

GENERAL PROVISIONS

REGISTRATION DAYS

Dates for registration for each session are listed in the University calendar in the front of this catalog. Fall registration for Freshmen may be by appointment in advance of registration dates.

LATE REGISTRATION

Students unable to register at the scheduled time are requested to advise the Registrar. Late registration will be cared for only at the convenience of the faculty and registration officials. An extra fee is charged for all late registrations.

REDUCED ENROLLMENT

Students engaged in outside work during any semester should consider their health and the quality of their academic work. Those employed for more than two hours per day would do well to reduce their enrollment. The office of the Dean of Students is available for advice in this matter.

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 at any time, the student must report to the Registrar's Office for appropriate forms and instructions.

After the second week of class meetings, courses may be cancelled 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. Courses discontinued without official withdrawal will be graded WU on the student's record.

WITHDRAWAL

A student may terminate his registration by completing a withdrawal card 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 bulletin for details regarding refunds and adjustments.

CHANGE OF ADDRESS

Students must keep the Registrar's Office and the Cashier's Office advised of any changes of their local and permanent home addresses.

ATTENDANCE

Students are expected to give punctual and regular attendance at all classes and laboratory periods in courses for which they are registered. Absences are counted from the first day of the college term, not from the 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 tardiness or absence. An instructor may report a student to the Registrar's Office for cancellation of registration in a particular course when the number of absences from it exceeds twice the number of class meetings per week. In such a case, unless the student secures reinstatement on grounds satisfactory to the Dean of Students and to the instructor in the subject, a grade of F will be given for the course.

FRESHMAN INDUCTION

All first-year students are required to participate in Freshman Induction scheduled before the date for the beginning of classes. Announcement of the

first freshman meeting will be sent each student. The purpose of Freshman Induction is to acquaint the new student with the University's facilities, objectives and opportunities.

NORMAL ENROLLMENT

The normal enrollment for a student will be fifteen credit hours, and a physical education activity. A student may not register for more than sixteen academic credit hours in a semester, or seventeen credit hours inclusive of a physical education activity credit or a basic ROTC credit, except by recommendation of his faculty adviser, and approval by the Registrar or Dean of Students.

PRECEDENCE OF COURSES

Students must give precedence to required courses in arranging their schedules. Work required by reason of delinquency in previous courses must also be given precedence.

ADVISORY SYSTEM

When admitted to the University, each student is assigned to a member of the faculty who acts as his academic adviser until a major subject of study is chosen. 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 subject is his academic adviser. Each subsequent registration must be approved by the major adviser. This service will not release the student from personal responsibility for satisfaction of general requirements for graduation as stated in the catalog.

Degrees Offered

The degrees of Bachelor of Arts and Bachelor of Science are given for completion of under-graduate 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 Geology, Bachelor of Science in Occupational Therapy, 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.

The University also offers work leading to the degrees 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 below. Applications for candidacy for a degree must be made not later than the first semester of the year in which such degree is sought.

Graduation Requirements

Regulations Concerning Credits and Grades

CREDIT HOURS

For each course of study successfully completed a student receives a number of credit hours which is 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 in length, and it is expected that there will be, on an average, two hours of preparation for each class meeting. Credit for laboratory periods is counted on the basis of one credit hour for two or three hours of laboratory work.

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.

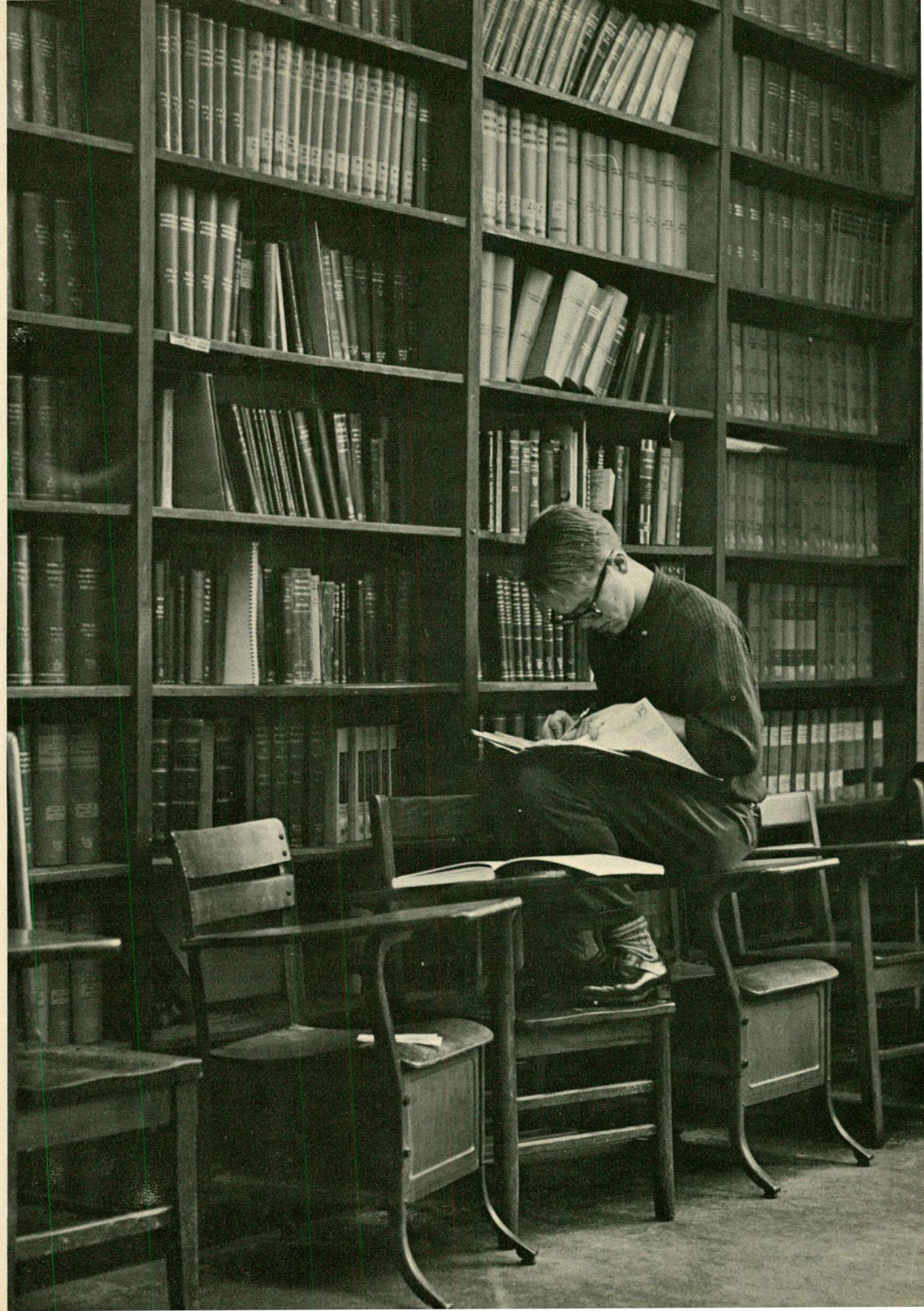
Junior Standing—A student who has completed at least 55 credit hours and 110 grade points has junior standing.

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 has graduate standing.

Special Standing—A student who has not satisfied entrance requirements for regular class standing may be allowed to enroll for a full program of studies with special standing. A special student may apply for regular class standing after the satisfactory completion of 30 semester hours at the University of Puget Sound.

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.



GRADE REPORTS

Reports of the standing of all students in each of their courses are made to the Registrar at the middle of each semester, and unsatisfactory conditions are immediately considered by the students' advisers and the Deans. The student is notified of unsatisfactory conditions, and, when warranted, the parents of the student are also informed.

SYSTEM OF GRADING

Grade		Grade Points Per Unit
A	Unusual Excellence	4
B	Superior	3
C	Average	2
D	Passing	1
F	Failure	0
I	Incomplete	0
K	Conditional	0
AU	Audit	0
W	Satisfactory at Withdrawal	0
WF	Unsatisfactory at Withdrawal	0
WU	Unofficial Withdrawal	0

A student is reported incomplete in a course only on condition that 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.*

A grade of K means work that is unsatisfactory but in which credit might be secured by a later examination. *Failure to take examination not later than six weeks after the beginning of the semester following that in which the grade of K was secured, or to make a grade of C in the examination, will convert a K into F. In no case can a K be converted into a grade higher than a D.*

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 a permit from the Dean of Undergraduate School before he takes a special test or examination.



REQUIREMENTS FOR UNDERGRADUATES

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 below, as specified in the accompanying statement.

- a. English Composition, six 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 of Mathematics 111 and 112.
- c. Social Studies, not less than nine semester hours, may be met from the following courses: Economics 101, 102, 305, 341, 409, 410, and 412; History—all courses; Political Science 101, 291, 292, 321, 322, 413 and 414; Psychology 201, 342, and 381; Sociology 111, 201, 202, 301, and 302. 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 which shall be from specified courses and shall include three semester hours in religion. Humanities requirement may be met by Art 107, 324, 328, 424, 425, English literature, courses in literature or in national culture in the foreign languages, Music 103, 104, 303, 304, philosophy, Religion 101, 201, 202, 363, 364, 463, 482 and Math 151.
- e. Physical Education, five semester hours in activity courses are required of all students. Male students desiring to take four semesters of Air Science will be required to take three semester hours of P.E. simultaneously.

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 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 in a major. A comprehensive study examination in the major subject shall be taken near the end of the senior year.

3. Each student shall also choose a second field of specialization, or minor subject, in which not less than fifteen semester hours shall be taken. The minor should 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-five semester hours, of which not less than forty are above the sophomore level.

B. SPECIAL REQUIREMENTS FOR:

1. The 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—history, social science—political 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 college years, or the equivalent, in one foreign language. Students with one year of a foreign language in high school should enter the second semester of the elementary course, with two years, the first semester of the intermediate course.
- c. Candidates for the B.S. degree must complete the following courses: Chemistry 101, 102, Mathematics 111, 112, and Physics 201, 202 (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 should elect German. Students who major in Geology may substitute Spanish.

2. Special degrees:

Students who select majors in business administration, 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. In geology a program without foreign language and with modification of the requirement for the B.S. may be followed for a degree of Bachelor of Science in Geology.

Candidates for degrees of Bachelor of Science in Medical Technology, Bachelor of Science in Biology (for nurses), 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, without regard to the amount of previous residence, the last fifteen semester hours must be completed in residence.

After completing ninety semester hours, which include the specific requirements and five 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 final session of the senior year.

E. CREDIT HOUR AND GRADE REQUIREMENTS

Earnest application to the academic program is expected from every student. The minimum qualification for graduation is 125 semester-hours of credit, of which not more than 5 are for physical education activities, with cumulative grade-point average of not less than 2.00 for all work attempted.

A limited number of freshmen unable to establish clear evidence of probable success in college are given Provisional Admission. These students are not eligible to hold office in student organizations, to participate in extra-curricular activities, nor to be pledged or initiated into a social fraternity or sorority.

If a student earns in any session a grade-point average less than 1.75, he will be on 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.

A student who fails in more than one course, or one-third or more of his registered hours in any session, 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, nor to be pledged or initiated into a social fraternity or sorority. (See Eligibility Rules on page 96).

F. INDEPENDENT STUDY

The University offers, during the junior and senior years, to students of superior ability an opportunity to pursue a program of independent study. Capable students should request such a program when they feel ready for the freedom and independence which the study allows. Applications for this purpose may be obtained from the chairman of the various departments.

The student prepares a prospectus of his project in consultation with his major adviser and submits it for approval to the faculty Committee on Independent Study.

At the conclusion of the program of study the student will be expected to submit a thesis and to pass written and oral examinations demonstrating his achievement in the field of his work. The thesis must be submitted to the Committee on Independent Study for approval one week before the oral examination takes place, and at least one month before the granting of the student's degree.

The student's major department and the Committee will cooperate in selecting the examining board, which in every case will include some members from outside the student's major department. The examining committee will make recommendations concerning the awarding of grades for the work done.

In the event a student discontinues his course of independent study before completing his project, the Committee on Independent Study, in consultation with the student's department, will grant academic credit based upon an evaluation of the amount of work completed.

Credit for independent study will be determined by the department in consultation with the Committee on Independent Study, but in general will not exceed 12 hours. Registration for this work should be under the major department, using numbers 395, 396, 495, 496.

The University urges capable students to take advantage of this program. It

will be particularly valuable training for those who expect to continue their studies in graduate school.

G. GRADUATION WITH HONORS

Upon graduation, a degree with *University Honors* will be accorded members of the Honors Program who have completed their work with high distinction. This award will be granted through recommendation by the Honors Program Committee and approval by the faculty.

Other students may be elected to *Departmental Honors* by high performance in their major field upon receiving the recommendation of the departmental faculty to the Committee on Honors and Awards and the approval of the University faculty.

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 State Board of Education for a certificate to teach in the public schools. The detailed requirements are listed in the School of Education section.

REQUIREMENTS FOR THE MASTER'S DEGREE

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.

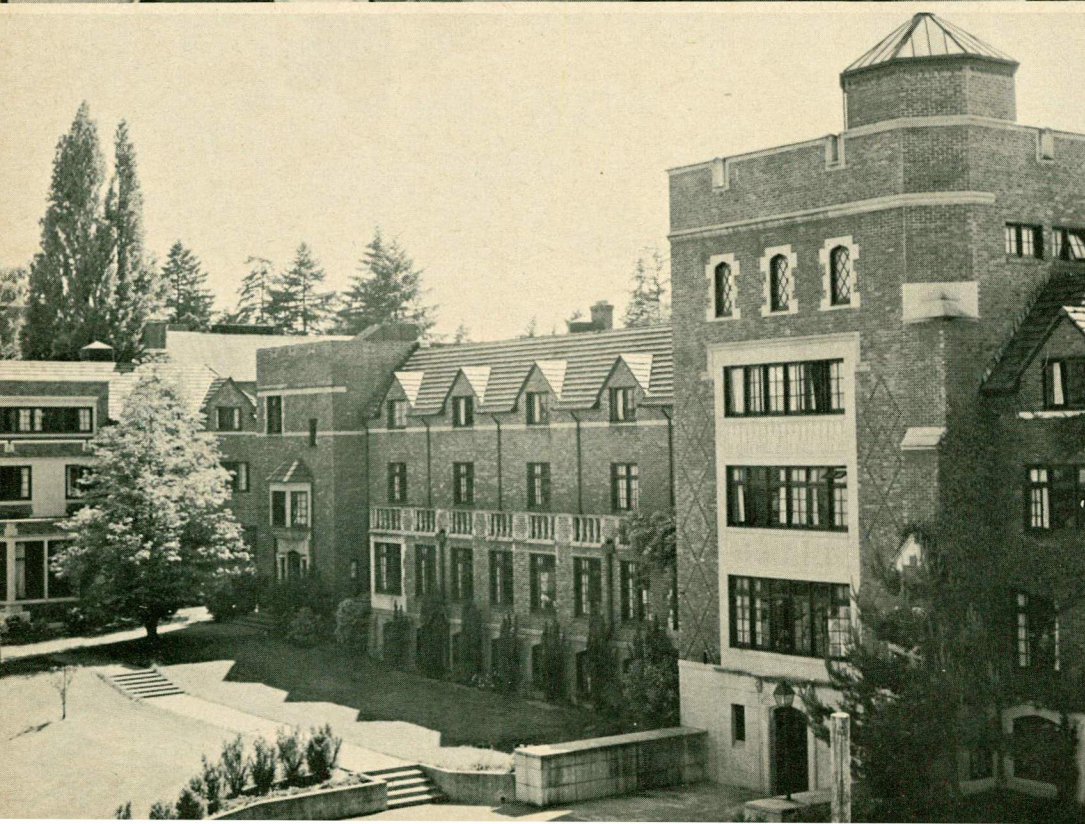
DEGREES OFFERED

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

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 membership in the Graduate School; and credits





earned under such general conditions of admission are not applied toward an advanced degree.

A student who wishes to become a candidate for an advanced degree at the University of Puget Sound must fill out an application to that effect. An official record of all previous academic work must be on file at the University of Puget Sound, or be provided at the time of his application. Scores on the Aptitude Test and Advanced Test of the Graduate Record Examination are helpful, and are routinely called for. For candidates for the Master's degree in business the Educational Testing Service's "Admission Test for Graduate Study in Business" may be substituted for a Graduate Record Advanced Test.

Applications, records and scores are submitted to, and assembled by, the Admissions Office. The applications are then reviewed by the heads of the schools or departments in which studies are to be pursued, and by the Dean of the Graduate School. A grade average not lower than B in undergraduate work in a recognized institution, or scores not below the 60th percentile in the Graduate Record Examinations, or both, constitute the general standard for acceptance. Noteworthy professional performance will be considered, with grades, for persons who have been graduated for a period of years. A student is admitted to candidacy for the degree when there is approval of his application and of his proposed program.

Credit toward a Master's degree is not automatically allowed for graduate courses taken prior to admission to candidacy for the degree. It may be granted at the discretion of the head of the school or department in which the student is pursuing his work and of the Dean of the Graduate School. Normally it is presumed that all credits for the Master's degree will be completed in this university, but graduate credit earned at another university may be allowed, with approval by the officers named, in amount not over ten semester hours. Correspondence or extension credits are not normally accepted; only if the courses have specifically been allowed graduate credit in a recognized institution from which work is being transferred will they be considered. Courses more than six years old will not be included in the Master's program.

COURSES AND CURRICULUM

Study for the Master's degree may be pursued in any of the departments or schools which have been indicated above. Supporting courses from related fields which are approved by the major instructor and the head of the department or school may be included in a candidate's program, but the total number of combined undergraduate and graduate semester-hours in the principal subject may not be less than forty-four.

Courses which are listed in any department or school with a number 500 or above are primarily graduate courses. Graduate credit may be granted for courses numbered from 300 to 499, but only on condition that the student has secured, at the time of registration, approval by the faculty member directing the student's graduate program, the instructor of the course, and the Dean of the Graduate School, of his enrollment in the class for graduate credit.

FELLOWSHIPS AND TEACHING ASSISTANTSHIPS

Some fellowships and assistantships will be available, for two-year appointments. Assistance in the instructional program, or in laboratories, usually equal to one-half working time, will be expected of appointees.

CONDITIONS FOR AWARD OF MASTER'S DEGREES

The Master's degree is granted only after a full year or more of residence work following receipt of a Bachelor's degree, and upon completion of a program which is approved for the individual and which is in accordance with the requirements for the particular degree. The year's work is interpreted as not less than thirty semester-hours. Correspondence or extension courses are not accepted; but work may be done in approved evening classes on campus, in established University centers other than the main campus, or in summer sessions. There must be continued relation with the institution during candidacy for a degree; if the relation is not maintained, candidacy can be re-established only by a new application. The program must be completed within a period of not more than six years.

Students who study in a department of the College of Arts and Sciences are candidates for the Master of Arts, Master of Science, or Master of Science Teaching degree. Candidates who work in the School of Education earn a Master of Education. Students who meet the requirements for the Master's degree in art will receive the degree of Master of Fine Arts, in business administration will receive the degree of Master of Business Administration, in music the degree of Master of Music. The particular requirements for these degrees are stated by the respective schools.

The minimum number of semester hours in any of the Master's degree programs is thirty, which may include two to six for a research project or thesis. Credit other than for a research project or thesis must be in approved upper-level courses in which a grade of B or above has been secured. Where a thesis is not presented, a larger number of hours, up to thirty-six, is required. Requirements beyond the minimums may also be made when the character of the undergraduate preparation and the nature of the graduate study indicate the need. The degree is not won, in any case, by the mere

accumulation of credits, but by evidence of mastery in one of the special fields of knowledge.

A thesis is required in the programs for Master of Arts, Master of Science, Master of Business Administration, and Master of Music when the specialization is in music history, literature, or theory. Registration for credits for the thesis in any subject field is to be made under the number 597 or 598. A format for the thesis approved by the Graduate School must be used.

Comprehensive examinations, written or oral, or both, are required for all Master's degrees. At least two months before the date of the convocation at which he wishes to receive the degree, the student must make application for examinations to the head of the department or school in which he is working.

There is not a general requirement of a foreign language for the Master's degrees. In the arts and sciences it will be expected that a student will have pursued at least one foreign language to the level of completion of two college years. Demand in any of the programs for evidence of language proficiency—which would be reading knowledge—will be determined by the head of the school or department in which the study is being conducted and the Dean of the Graduate School on the basis of the pertinency of the requirement to the subject and program. The requirement, where involved, must be satisfied before completion of half of the course requirements.

ADMINISTRATION

The work for advanced degrees at the University of Puget Sound is under the general supervision of the Dean of the Graduate School and of a Graduate Council consisting of seven faculty members, including the executive officers of the schools or colleges which offer graduate study.

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 bulletin.

The University of Puget Sound seeks students who conscientiously and sincerely desire to prepare themselves adequately for the serious responsibili-

ties of life; and 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 under that title elsewhere in this bulletin (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 necessarily reserves the right to cancel the registration of any student who fails to meet his financial obligations in accordance with a pre-arranged agreement when, in the judgment of the appropriate officers, 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 obligations have been cared for at the Cashier's Office.

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

ESTIMATED EXPENSES

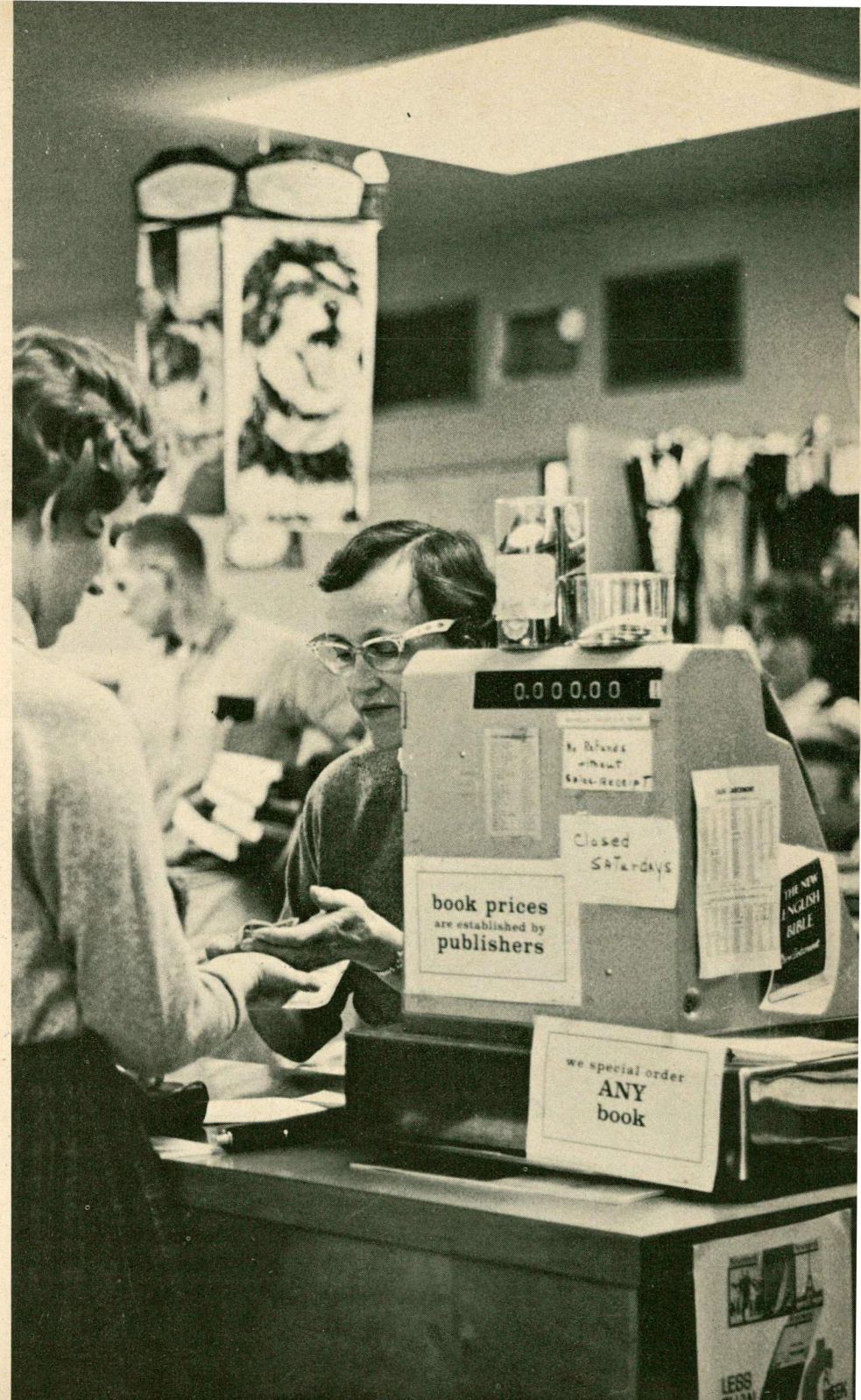
Students contemplating attendance at college may form some conception of their total yearly expenses at the University of Puget Sound by the following itemized estimate of expenses:

Room and Board	\$750.00
(Includes two meals Sunday)	
Tuition	850.00
General Fee	60.00
Books	50.00

Estimated total expenditure is \$1,710.00 per academic year of nine months. This total does not include personal expenses such as clothing, travel, or expenses for the summer vacation. Fees will amount to somewhat more than the sum specified, if the student elects courses for which special instruction or services are necessary. Personal expenses will vary with the tastes and habits of different students.

PAYMENTS

The University of Puget Sound follows the policy which has long been established in and universally recognized by practically all other colleges and



universities in that semester charges are due to be paid in full at the time of registration each semester. It is expected that 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 impossible 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—Students living in the University residence halls pay at least \$400.00 at the time of registration each semester and the balance, after deduction of any promised scholarship or loan, in two equal payments on November 10 and December 10 in the fall semester and on March 10 and April 10 in the spring semester.

Plan B—Students not living in the University residence halls pay at least \$200.00 at the time of registration each semester and the balance, after deduction of any promised scholarship or loan, in two equal payments on November 10 and December 10 in the fall semester and on March 10 and April 10 in the spring semester.

The University may, at its discretion, reject an application for deferred payment, for any reason. All deferred payment agreements are subject to review and final approval by the Assistant Bursar 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 7 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. 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.

A fee of \$5.00 per semester will be charged to a student's account if any deferred payment is not paid promptly when due on the date specified in the Application for Deferred Payment.

SCHEDULE OF SEMESTER FEES

Tuition Per Semester

Twelve through seventeen hours.....	\$425.00
Less than twelve hours, per semester hour.....	35.00
For each additional semester hour above seventeen.....	35.00
Audit of evening class instruction, per semester hour.....	35.00
* Audit of day class instruction, per semester hour.....	17.50

* (Requires permission of the Dean of the Undergraduate School. 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 for 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 Assistant Bursar's office of the University after July 1st preceding the fall semester in which the student will first be enrolled at the University.

Other Semester Fees:

General Fee.....	\$ 30.00
(Required of each student taking ten or more semester hours of credit, except nurses and graduate students who have been accepted for work toward the Master's degree. The General Fee includes support of the following services: Student Body Activities, Accident Insurance, Student Center, Health Service, Swimming Pool, and Inter-collegiate Athletics.)	
Student Insurance (required of all students taking less than ten semester hours of credit).....	1.25
Deferred Payment (will be charged when a deferred payment becomes past-due).....	5.00
Late Registration (applicable on and after the first day of classes).....	10.00
Breakage Ticker (for each chemistry student).....	5.00
Materials Ticker:	
In Occupational Therapy, Ceramics, Sculpture, Jewelry and Puppetry courses, Art 109, 110, 339, 357, 358, 461, 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.....	10.00
Riding (includes transportation).....	30.00
Skating (includes transportation).....	13.00
Student Teacher Service Fee (required of students taking Education 401 or 403).....	15.00

Clinical Affiliation (required of Occupational Therapy students normally during each of their last four semesters in residence), per semester	25.00
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SUNDRY FEES

Application for Admission (payable once only)	10.00
Graduate Record Examination	2.50 to 6.00
Transcript (each official transcript after the first one)	1.00
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
AFROTC—Uniform Service Fee	5.00
(Charged once a year, normally during the Fall registration, to cover cost of cleaning and handling uniforms)	

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 are required to pay tuition for such courses and to receive academic credit therefor, 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)	\$750.00
(Subject to change, except that no change will be made which will become effective during the semester in which the change is announced).	
Deposit on key to room (refundable)	1.00

An advance payment of \$25.00 applicable to room rent is required each year from boarding students at the time of making application for a room in the Residence Halls. This payment will not be refunded for cancellations received later than July 1st. 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 made available during the Thanksgiving, Christmas and spring vacations for occupancy by students who are unable to return home because of the distances involved. Applications for occupancy of residence halls during these vacation periods must be filed with the Director of Men's Affairs or Dean of Women, as appropriate, 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 accordance with the following schedule. The University shall be the sole judge of the applicability of all claims for refund, which must be presented in writing to the Cashier's Office, setting forth the circumstances. In no case will the General Fee be refunded.

Refund of tuition shall be in the following proportions based upon the period from the beginning date of the University term 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

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—*providing official withdrawal from the University is the cause*—the room charge is canceled 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, except for reasons beyond his control or is dismissed or suspended for disciplinary reasons, his award is cancelled and may not be used in settlement of his financial obligations to the University. The financial obligation, however, is not canceled, and the student is held liable for any unpaid balance remaining on his account.

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 less than ten students. This minimum may not be insisted upon in the case of advanced courses which are indispensable for the completion of a program of study; but an enrollment of more than ten may be required for a class in a course which is frequently given or of which there are other sections.

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, although students' programs are not limited to courses at one of these levels. 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 or above are primarily graduate courses, but are open to some qualified undergraduates. Courses numbered 300 or above may be used, with approval of proper advisers, in graduate programs.

Odd numbers as a general rule indicate courses that are given in the first semester; even numbers, those given in the second semester. There are exceptions and also some courses listed as first, or second, semester are repeated in the other semester's schedule.

Consecutive numbers separated by a comma (as 201, 202) indicate a course which continues through the year.

The hours at which courses will be given will be announced in a time schedule issued before the beginning of each session.

Courses which might properly be classed in either of two departments are described in one, but usually listed also in the other. Such courses may be counted toward a major or minor in the second department by approval of the ranking faculty member in that department.

Air Science

(AIR FORCE ROTC)

Lt. Col. Peterson, Capts. Henry and Luna,
T/Sgts. Porter, Green and Brown

The Department of Air Science at the University of Puget Sound was authorized and officially organized on July 1, 1951. Its purpose is to select and train young college men as future leaders in the United States Air Force. The curriculum offered by this department is divided into two phases: basic and advanced courses.

The Basic Course consists of formal instruction in Air Science for two hours per week in the Spring Semester of the Freshman year and two hours per week in the Fall Semester of the Sophomore year. In the other semesters of the two basic years certain regular college courses will be accepted as meeting pre-commission officer education requirements, and will be designated as part of the Air Science curriculum. Such courses will be taken from the areas of Mathematics, Physical or Natural Sciences, Foreign Languages, the Humanities or Social Science. All such courses must meet the approval of the Professor of Air Science. In addition to the formal Air Science classes there is also one hour per week for the full four semesters of the basic course devoted to Leadership Laboratory.

The Advanced Course consists of formal instruction for five hours per week for two academic years, plus a summer camp of four weeks' duration which is normally attended between the junior and senior years.

Students for the Advanced Course are chosen from among the highest-qualified students who have successfully completed the Basic Course or who have equivalent military training or service.

Each student accepted into the Advanced Course must:

1. Appear before a selection committee, and successfully complete such general survey and screening tests as may be prescribed.
2. Execute a written agreement with the United States Air Force to complete the Advanced Course, contingent upon remaining in the University, and to attend the Advanced Course Summer Camp at the time specified.

3. Have a graduation date prior to reaching 26½ years of age if enrolled in a category leading to flight training, or 28 years of age if enrolled in any other category.

4. Be selected by the Professor of Air Science and the University President for enrollment in the Advanced Course.

The student is paid a monetary allowance during the two academic years of the Advanced Course. While attending the Summer camp each student also receives pay, subsistence, housing, uniforms, and medical attention at government expense. For veterans these emoluments are in addition to benefits received through the G.I. Bill of Rights.

Upon graduation from the Advanced Course and the University, the student receives a commission as a Second Lieutenant in the United States Air Force Reserve.

All Air Force ROTC students, in both Basic and Advanced courses, are furnished complete officer-type Air Force blue uniforms. Each student is required to make a \$5.00 uniform deposit to the Cashier at registration for cleaning the uniform at the end of the year.

The Department of Air Science furnishes all necessary textbooks for classroom use.

Students in the Air Force ROTC program may be deferred from Selective Service draft within the yearly quotas allocated to the Department of Air Science at the University.

BASIC COURSE: FOUNDATIONS OF AEROSPACE POWER

First Year

Foundations of Aerospace Power, 1

Air Science 101

Substitution of college course approved by Professor of Air Science.

Leadership Laboratory*

Credit, ½ semester hour

Air Science 102

Credit, 2 semester hours

A general study of the United States Air Force designed to provide the student with an understanding of the factors of aerospace power, major ideological conflicts, the role of the professional officer and factors in the preservation of national security.

Leadership Laboratory*

Credit, ½ semester hour



Second Year

Fundamentals of Aerospace Weapon Systems, 2

Air Science 201

Credit, 2 semester hours

A more advanced study of the United States Air Force including aerospace missile systems, operational capabilities of the USAF, present and future operations in space, astronautics and its applications.

Leadership Laboratory*

Credit, 1/2 semester hour

Air Science 202

Substitution of college course approved by Professor of Air Science.

Leadership Laboratory*

Credit, 1/2 semester hour

ADVANCED COURSE: AIR FORCE OFFICER DEVELOPMENT

Third Year

Leadership, Principles and Practice — Air Science 301, 302

Credit, 3 semester hours each semester

Introduces Air Force ROTC cadets to principles of leadership as they apply to Air Force problems and tasks. Involves major socio-psychological principles of leadership, a consideration of the leader-follower relationship in an Air Force environment, and communication theory relevant to leadership. Leadership practices concentrate on important behavior skills basic to leader performance with provision for practice and development of basic behavior skills in a realistic problem situation.

Summer Camp — Air Science 330

Credit, 3 semester hours

Four weeks' training at an Air Force Base, to include officer-orientation, military fundamentals, organization and functions of Air Force bases, weapons, marksmanship, and flying indoctrination.

Fourth Year

Global Relations — Air Science 401, 402

Credit, 3 semester hours each semester

*Leadership Laboratory will be given all four semesters to instill in each student the qualities of self-discipline, confidence and ability to work harmoniously with others in large groups. This counts as a substitution for 2 credit hours of physical-education activity.

A study of global relationships of special concern to the Air Force officer with attention to such aspects as political geography, and international relations.

Art

Professor Wentworth (Chairman); Associate Professors Chubb, Colby;
Assistant Professor Chappell; Instructor Mayes

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 103, 107, 109, 110, 247, 253, 265, 354, 481, and three hours selected from Art 324, 328, 424, 425 plus an additional 2 hours to be selected from upper level courses in Art. 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 or ceramics 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 103, 107, 109, 110, 247, 253, 265, 339, 354, 361, 461, 481 and three hours selected from Art 324, 328, 424, 425, plus an additional 3 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.

For a general minor in art the following courses are required: Art 103, 107, 109, 253, 265. Total 18 semester hours.

An art minor used by Occupational Therapy majors may consist of the following courses: Art 103, 107, 247, 265, 339, 361. Total 18 semester hours.

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

GRADUATE STUDY

The Master of Fine Arts Degree

Graduate work leading to the Master's degree may be undertaken in the Art Department subject to the general requirements for the Master's degree

as stated in the University catalog and in accordance with departmental programs as described below.

Admission to candidacy for the degree of Master of Fine Arts is based upon:

1. A Bachelor of Fine Arts degree or a Bachelor of Arts degree with a major in Art from this University or the equivalent.
2. Undergraduate work in Art amounting to not less than forty (40) semester hours and having a grade point average of B or better.
3. If the degree is to be in Art Education, the undergraduate work must include, also, not less than fifteen (15) semester hours in Education and the educational preparation will be evaluated by the School of Education. The applicant must be certified to teach and have had one year's successful teaching experience before being admitted to the program.

The requirements for the degree of Master of Fine Arts in Art are completion of thirty-two (32) semester hours of courses with a grade of B or better. The 32 credits are to be distributed as follows:

1. Six (6) credits selected from Art History, Philosophy, Sociology;
2. Twelve (12) credits in an area of concentration in art selected by the student in consultation with the departmental art committee in charge;
3. Ten (10) credits in areas of art related to the area of concentration;
4. Four (4) credits in thesis or individual creative project accompanied by a written report.

The requirements for the Master of Fine Arts in Art Education are completion of twenty-two (22) advanced credits in art, including thesis and ten (10) advanced credits outside of the Art Department of which at least six (6) must be in Education, with a grade of B or better. Specific course requirements will depend upon the candidate's prior preparation and experience.

All candidates must demonstrate a competence in oil, watercolor, sculpture, ceramics and printmaking. 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 from the upper level division.

Basic Design—Art 101

Credit, 2 semester hours

An approach to basic design, stressing the elements and principles of design, through studio problems. Course 101 is not counted in the hours for an art major or minor.

Creative Design—Art 103

Credit, 5 semester hours, each semester. Prerequisite Art 101 or one year of high school art

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

Understanding the Arts—Art 107

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, field trips 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."

Drawing—Art 109

Credit, 3 semester hours, each fall semester. Prerequisite Art 101 or one year of high school art

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

Figure Drawing—Art 110

Credit, 3 semester hours each spring semester. Prerequisite 109

Beginning Ceramics—Art 247, 248

Credit, 3 semester hours each semester

Fundamentals of ceramic design. Processes of pottery making using coil and slab methods and reproduction by slip and press methods.

Beginning Oil Painting—Art 253, 254

Credit, 4 semester hours each semester. Prerequisite, courses 103, 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 will be made. Considerations of form and content will also be emphasized.

Beginning Sculpture—Art 265, 266

Credit, 3 semester hours each semester. Course 265 prerequisite for course 266

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

The Beginning of Art—Art 324

Credit, 3 semester hours. Offered each spring semester

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

Medieval and Oriental Art—Art 328

Credit, 3 semester hours. Offered alternate spring semesters

Coverage of early Christian, Byzantine, Romanesque and Gothic art and a survey of Oriental art with an emphasis on painting.

Jewelry—Art 339

Credit, 2 semester hours. Prerequisite art 101

Design and construction of modern jewelry. An investigation of enameling techniques.

Advanced Ceramics—Art 347, 348

Credit, 3 semester hours each semester. Prerequisite, course 248. Course 347 prerequisite for course 348

Theory and experimentation with clay bodies and glazes; advanced construction and decorative techniques; throwing.

Advanced oil painting—Art 353

Credit, 4 semester hours. Prerequisite, courses 253, 254

An investigation into the theory and philosophy of oil painting as well as the technical aspects of the medium itself. Emphasis will be given to the conceptual aspects of oil painting.

Watercolor Painting—Art 354

Credit, 4 semester hours. Prerequisite Art 253

An exploration into the general properties of the aqueous painting vehicles. Transparent and opaque watercolors, their similarities and differences, form the basis of this course. Offered every spring semester.

Advanced Drawing—Art 357

Credit, 3 semester hours each fall semester. Prerequisite Art 109

Advanced Figure Drawing—Art 358

Credit, 3 semester hours each spring semester. Prerequisite Art 110

Lettering—Art 361

Credit, 2 semester hours

The study and use of script and lettering styles.

Advanced Sculpture—Art 365, 366

Credit, 3 semester hours each semester. Prerequisite Art 266. Course 365 prerequisite for course 366

Advanced creative composition and theory. Study from life. Advanced techniques. Mixed media; cast metal sculpture.



Arts of the Northern Renaissance—Art 424*Credit, 3 semester hours*

Art 424 traces the development of painting, sculpture and architecture in Northern Europe from the late 14th century to the late 17th century. Recommended prerequisite, Art 328. Offered alternate years in the spring.

Art of the Italian Renaissance and Post-Renaissance Periods—Art 425*Credit, 3 semester hours*

Covers art of the Italian Renaissance and the early phases of the modern era in Post-Renaissance Europe and the United States. Offered each fall semester.

Art Education—Art 461*Credit, 2 semester hours. Prerequisite, Art 101 or 103*

Problems and techniques of teaching art in the public schools.

Special Projects—Art 470*Credit, 2 semester hours. Prerequisite, courses 103 and 461*

Projects in art suitable for the public schools.

Print Making—Art 481, 482*Credit, 3 semester hours each semester. Prerequisite, courses 103, 110*

Print making including the processes of serigraphy, block printing and etching.

Directed Study and Conference—Art 493, 494

Credit and time to be arranged. Open to advanced students. Special study in selected fields.

GRADUATE COURSES

Those courses that are marked with (G) are for graduate (only) study and permission of the Art Department is required to enroll.

Advanced Ceramics—Art 447, 448 (G)*Credit, 1-3 semester hours. Prerequisite, 9 semester hours in ceramics***Advanced Oil Painting—Art 453***Credit, 4 semester hours. Prerequisite, 9 semester hours of painting***Advanced Watercolor Painting—Art 454***Credit, 4 semester hours. Prerequisite, Beginning Watercolor***Advanced Sculpture—Art 465, 466 (G)***Credit, 1-3 semester hours. Prerequisite, 9 semester hours of sculpture***Creative Problems—Art 497, 498 (G)***Credit, 1-4 semester hours*

Offered in ceramics, sculpture, watercolor, oil painting, and print making to graduate students having completed all previous courses in the media offered by the University.

Graduate Oil Painting—Art 553, 554 (G)*Credit, 1-4 semester hours***Art Education—Art 561 (G)***Credit, 4 semester hours***Advanced Printmaking—Art 581 (G)***Credit, 4 semester hours. Prerequisite 6 semester hours of Printmaking***Research—Art 593 (G)***Credit, 4 semester hours***Thesis—Art 597 (G)***Credit, 4 semester hours***Biology**

Professors Alcorn (Chairman), Slater; Associate Professor Karlstrom; Assistant Professors Van Gilder, Haws; Instructors C. Larson, Johnson, Wicks; Teaching Fellows Barry, Hanlin, Wiseman

Courses suggested in a major are:

101, 102, 221 and 222 or 231 and 232, 356, 371 or 375, 491, 492. 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 105, 221, 222, 346, 358.
2. For students majoring in physical education: Courses 101, 102, 105, 221, 222, 346.
3. For students majoring in sociology: Courses 101, 102, 301, 346, 492.

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

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

Hygiene — Biology 105

Credit, 2 semester hours

A study of the laws of health, designed particularly for students of biology and those who intend to enter nursing or to teach health or physical education.

General Elementary Botany — Biology 115

Credit, 3 semester hours

The Life Histories of Selected Types of Plants — Biology 116

Credit, 3 semester hours

A general survey of the plant kingdom.

Anatomy and Physiology (Nurses Training Course) — Biology 121

Credit, 6 semester hours

Microbiology — Biology 142

Credit, 4 semester hours

A course in bacteriology planned particularly for students preparing to be nurses.

Fundamentals of Medical Technology — Biology 205

Credit, 1 semester hour

Elements of Medical Technology — Biology 207

Credit, 1 semester hour

Anatomy — Biology 221

Credit, 3 semester hours. Prerequisite, Courses 101, 102

Human anatomy.

Physiology — Biology 222

Credit, 3 semester hours. Prerequisite, Course 221

Animal and human physiology.

Comparative Anatomy of Vertebrates — Biology 231, 232

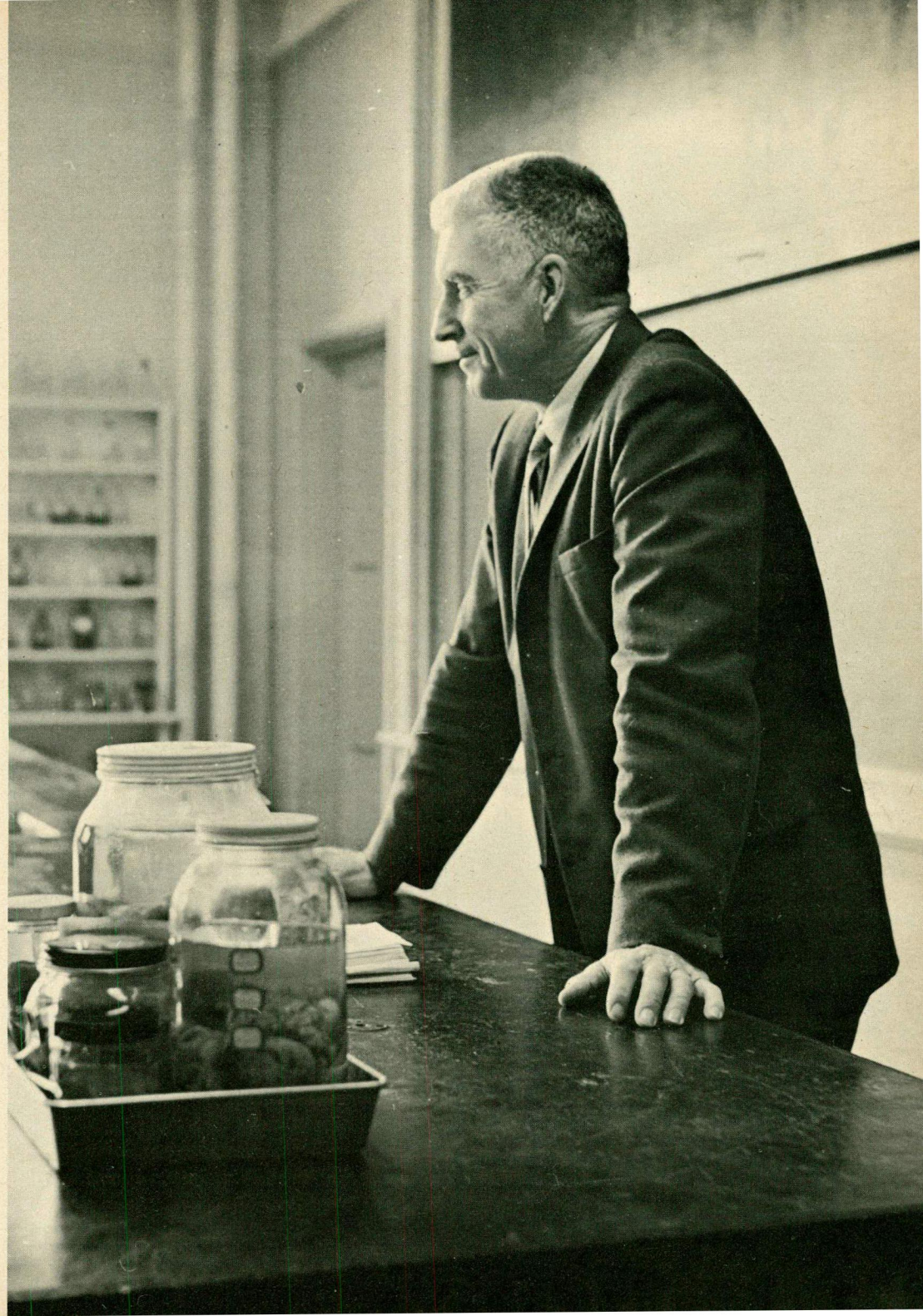
Credit, 3 semester hours each semester. Prerequisite, Course 102

Genetics — Biology 301

Credit, 3 semester hours

Bacteriology—Biology 346

Credit, 4 semester hours. Prerequisite, Course 102 or 116





Field Biology — Biology 352

Credit, 3 semester hours

Mammology—Biology 353

Credit, 3 semester hours

Biology of Birds — Biology 354

Credit, 3 semester hours. Given as there is demand

Natural History of Invertebrates — Biology 356

Credit, 3 semester hours

Ecology—Biology 358

Credit, 3 semester hours. Given as there is demand.

Museum Technique in Biology — Biology 361

Credit, 2 semester hours. Given as there is demand

Preparation and care of museum material.

Histology and Microscopic Technique — Biology 371

Credit, 4 semester hours. Offered in alternate years. Given in 1963-64

Microscopic structure of tissues of animals, chiefly mammals.

Embryology of Vertebrates — Biology 375

Credit, 4 semester hours. Offered in alternate years. Given in 1964-65

Seminar — Biology 491, 492

Credit, 3 semester hours each semester

Research — Biology 497, 498

Credits and hours to be arranged

Thesis — Biology 597, 598

Credit, 4 to 6 semester hours

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 about 24,000 specimens of mammals, birds, reptiles, and amphibians, in addition to 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; Leo King Couch, Mammology; Irene O. Creso, Curator of Botany; Garrett Eddy, Ornithology; Arthur Einarsen, Ornithology; John B. Hurley, Ornithology; Dr. Murray L. Johnson, Curator of Mammals; Edward A. Kitchin, Ornithology; Alfred Milotte, Photography; Dr. Victor B. Scheffer, Mammology; Dr. James R. Slater, Curator of Reptiles and Amphibia; Stanton Warburton, Jr., Ornithology.

School of Business Administration and Economics

Professors Hamner (Director), Capen; Consulting Professors Andrus, Prins; Assistant Professors Sinclair, Stevens; Instructors Boyle, Brown, Carlson, Combs, Crosby, Day, Murtland, Perdue, Stolz

Courses for majors in business administration are designed to acquaint students with the principles of organization and management fundamental in the administration of any enterprise.

In the School of Business Administration and Economics, Economics 101 and 102 are prerequisites to all courses other than Business Administration 110 or Economics 103 except by permission of the Director of the School.

A major in business administration, to qualify for the degree of Bachelor of Arts in Business Administration, should include Courses 103, 110 or 116, 201, 202, 205, 206, 232, 301, and nine additional upper-level hours. Courses 300, 361, and 372 are recommended. Credit for Economics 101, 102, 363, and 305 or 409, or 410, are also required for graduation. A year in foreign language, or alternative work in English or Speech, is advised.

Students who desire to become Certified Public Accountants should complete the following courses in addition to those prescribed for the general curriculum: Business Administration 361, 362, 365, 366, 461, 463, 500 and 525.

A minor in business administration should include Business Administration 103 or 110, 201, 205, 301, and three additional hours. Economics 101 and 102 must also be taken.

Students who minor in business administration with emphasis upon merchandising may satisfy requirements by taking Economics 101 and Business Administration 110, 201, 205, 325, 326, 327.

Students who have business administration majors and an interest in careers as technicians which are offered in aircraft and electronic industries for persons qualified in mathematics would be well advised to take at least a minor in that subject.

I. Commercial Teacher Training

This curriculum is designed to qualify students as teachers of commercial subjects in either junior or senior high schools. In addition to the courses in Education required to qualify for the state teachers' certificate, credit for the following courses in business administration or their equivalent should be presented: Economics 101, 102, Business Administration 103, 201, 202, 205, 314, 325 or 331, Economics 409, 410, and Education 359.

II. Emphasis on Retailing

This curriculum is designed to meet the needs of two groups of students; one, those who plan to make retailing a profession; and two, those who plan to teach in the field of distributive education.

Students whose efforts are directed toward these fields may satisfy requirements for a major in Business Administration by taking Economics 101, 102, 363, and either 409 or 410. Also Business Administration 110, 201, 205, 301, 314, 324, 325, 326, 327, and 331.

III. Major in Economics

Courses 101, 102 are prerequisites to all other courses in the department.

A major in economics must include Courses 101, 102, 221, 232, 301, 305, 306 and 363. Social Ethics (Philosophy 372) should be taken and the introduction to ethical principles (Philosophy 371) prior to it. Three hours of accounting are also required (Business Administration 201), and at least one introductory course in another social study (history, political science or sociology). Completion of at least the introductory course in each of the social studies mentioned is recommended.

A minor in economics must include Courses 101, 102, 221, 232 or 363, 301, and 305 and 306.

I. ACCOUNTING AND STATISTICS

Accounting — Business Administration 201, 202

Credit, 3 semester hours each semester. Course 201 or an equivalent is a prerequisite for Course 202

The balance sheet approach is used with the result that students who have had bookkeeping in high school will have no advantage over students who

have had no bookkeeping. Course 201 is concerned with the functions of accounts, balance sheets, profit and loss statements, books of original entry, business forms and papers. Course 202 deals with classification of accounts, partnership and corporation accounts, controlling accounts and subsidiary ledgers.

Statistics — Business Administration 301

Credit, 3 semester hours

A first course in statistics, providing instruction and training in mathematical methods of dealing with data in the fields of business and economics.

Intermediate Accounting — Business Administration 361, 362

Credit, 3 semester hours each semester

A study of the accounting and financial problems of the corporation. In the first semester, work is concentrated on problems that arise in the construction of the balance sheet, and the valuation and interpretation of items in the balance sheet; in the second semester, attention is directed to problems involved in the valuation, analysis and interpretation of items in the profit and loss statement.

Accounting Theory — Business Administration 365

Credit, 3 semester hours

Cost Accounting — Business Administration 366

Credit, 3 semester hours

Specific order, process and allied methods of cost accounting are studied. Attention is given to payroll, social security deduction and general tax accounting. Both theory and practice are stressed.

Tax Accounting — Business Administration 461, 462

Credit, 3 semester hours first semester, 2 semester hours second semester

A study of the federal income tax. Emphasis in the first semester is on the tax as applied to individuals; emphasis in the second semester is on partnerships, corporations, estates and returns.

Municipal Accounting — Business Administration 463

Credit, 3 semester hours

Advanced Accounting — Business Administration 465, 466

Credit, 3 semester hours each semester

In the first semester emphasis is on partnerships, consignments, installment sales, statement of affairs, and realization and liquidation reports; in the second semester, emphasis is on estates and trusts, home office and branch

accounting, parent and subsidiary accounting, and consolidated statements.

Statistical Analysis — Business Administration 482

Credit, 3 semester hours. Given as there is demand

Analysis of tests of significance, curve fitting, time series, sampling techniques and index numbers.

GRADUATE COURSES

Auditing — Business Administration 500

Credit, 3 semester hours. Given as demanded

Analysis of balance sheets and profit and loss statements; audit procedures, and a study of the highest professional accounting opinions pertaining to accounting, business and financial policies of today.

Certified Public Accountancy Problems — Business Administration 525

Credit, 3 semester hours

Reading and Conference — Business Administration 591, 592

Credit 1 to 3 hours each semester

Directed reading. Oral and written reports

II. MARKETING

Principles of Marketing — Business Administration 110

Credit, 3 semester hours

Methods used in marketing, principal types of goods, middleman, price policies, marketing costs, government regulations.

Advertising — Business Administration 324

Credit, 3 semester hours

Advertising appeals and their use; layouts, media, and agencies. Exercises are given to illustrate subject-matter.

Principles of Retailing — Business Administration 325, 326

Credit, 3 semester hours each semester

Application of the problem approach to the understanding of basic principles and practices in retailing.

Store Analysis — Business Administration 327

Credit, 3 semester hours

A practical study of the elements of operation involved in the management of small and medium sized retail stores. Trips are made to selected retail

operations in the community where details of actual operation are explained by the store management through prior arrangement by the instructor. Location, store layout, merchandise selection, sales promotion, pricing, credit extension and store services are studied and evaluated.

Principles of Salesmanship — Business Administration 331

Credit, 3 semester hours

Emphasis on "the ability to handle people and understand them," which is the basis of leadership in any field of endeavor and especially so in Salesmanship.

GRADUATE COURSES

Sales Management — Business Administration 527

Credit, 3 semester hours

Theory of management as well as actual case-problems are discussed in round-table sessions with emphasis on recruiting, selecting, training, motivating and supervising salesmen.

Reading and Conference — Business Administration 591, 592

Credit 1 to 3 hours each semester

Directed reading. Oral and written reports.

III. MANAGEMENT

Principles of Management — Business Administration 300

Credit, 3 semester hours

Corporation Finance — Business Administration 311

Credit, 3 semester hours

See IV. Finance.

Business Communications — Business Administration 314

Credit, 3 semester hours

The broad principles of oral, graphic and written communication in business with stress on the Art of Listening.

Personnel Management — Business Administration 316

Credit, 3 semester hours

Problems of personnel administration, such as selection, placement, training, control and compensation of labor, will be studied.

Social Ethics — Business Administration 372

See Philosophy 372.

Office Organization and Management — Business Administration 401

Credit, 3 semester hours. Offered in alternate years. Given in 1964-65.

Industrial Organization and Management—Business Administration 411

Credit, 3 semester hours

A study of principles of management essential to the administration of any industrial or manufacturing enterprise.

GRADUATE COURSES

Sales Management — Business Administration 527

Credit, 3 semester hours

See II. Marketing.

Reading and Conference — Business Administration 591, 592

Credit 1 to 3 hours each semester.

Directed reading. Oral and written reports.

Seminar — Business Administration 593, 594

Credit, 2 to 3 semester hours (alternate years)

Directed Studies — Business Administration 595, 596

Credit, 2 to 5 semester hours each semester

Thesis — Business Administration 597, 598

Credit, 4 to 6 semester hours in total

IV. FINANCE

Mathematics of Finance — Business Administration 116

Credit, 3 semester hours

The basic principles and techniques necessary for an understanding of mathematical problems commonly met in the fields of business and finance, for example, in installment buying, short and long-term loans, bonds and depreciation.

Money and Banking — Business Administration 232

See Economics 232 (Section VIII. Economics)

Business Fluctuations and National Income — Business Administration 306

See Economics 306 (Section VIII. Economics)

Corporation Finance — Business Administration 311

Credit, 3 semester hours. Prerequisite B A 201 or approval of instructor
Administration of finance; methods of raising fixed and working capital.

Investment Analysis — Business Administration 312

Credit, 2 semester hours

Operation of the stock market, over-the-counter market information sources, and industry comparisons.

Real Estate Principles — Business Administration 344

See Insurance and Law V.

Public Finance — Business Administration 363

See Economics 363 (Section VIII. Economics)

Personal and Family Finance — Business Administration 364

Credit, 2 semester hours

The role of personal finance in the life of the individual and the family and the handling of income, insurance, investments, budgeting, credit, and taxation.

GRADUATE COURSES

Reading and Conference — Business Administration 591

Credit, 1 to 3 hours each semester

Directed reading. Oral and written reports.

V. INSURANCE AND LAW

Business Law — Business Administration 205, 206

Credit, 3 semester hours each semester

Risk and Insurance — Economics 319, 320

Credit, 2 semester hours each semester

Insurance as a device for handling risk. Contributions of insurance to society. Organization of insurance companies. The insurance contract with emphasis on Fire, Marine, Life and Disability.

Social Insurance — Economics 322

Credit, 3 semester hours

The customary fields of Social Insurance (O.A.S.D.I., Unemployment, Workmen's compensation, Sickness) are compared with the private approaches to the same problems.

Labor Law Problems — Business Administration 342

See Economics 342 (Section VI. Labor)

Real Estate Principles — Business Administration 344

Credit, 3 semester hours

The economics and structure of the real estate market.

GRADUATE COURSES

Reading and Conference — Business Administration 591, 592

Credit, 1 to 3 hours each semester

Directed reading. Oral and written reports.

VI. LABOR AND INDUSTRIAL RELATIONS

Personnel Management — Business Administration 316

See Management III.

Social Insurance — Economics 322

See Insurance and Law V.

Labor Economics — Economics 341

Credit, 3 semester hours

A survey of industrial relations; the background of trade unionism and collective bargaining; management and labor problems, and public welfare.

Labor Law Problems — Economics 342

Credit, 3 semester hours, prerequisite, Course 341

A survey of legal aspects of labor problems and of Federal legislation on labor-management relations.

Economics of Collective Bargaining—Economics 343

Credit, 2 semester hours

GRADUATE COURSES

Reading and Conference — Economics 591, 592

Credit, 1 to 3 hours each semester.

Directed reading. Oral and written reports.

VII. TRADE AND TRANSPORTATION

Economic Geography — Economics 103

Credit, 3 semester hours

Survey of world resources and the geographical factors affecting their production and distribution.

International Trade — Economics 351, 352

Credit, 2 semester hours

Relation of the United States to the world economy; principles of trade, foreign exchange, balance of payments; commercial policy, foreign investment; and international economic institutions.

Economics of Latin America — Economics 356

Credit, 3 semester hours

Development and organization of economic production, organization and distribution of Latin America with an evaluation of its impact upon the economy of the United States.

Economics of Transportation — Economics 371

Credit, 3 semester hours

The economics of rail, air, highway and inland water transportation in the United States. Government regulation, economic effects of rate structures, and special problems of the industry.

GRADUATE COURSES

Reading and Conference — Economics 591, 592

Credit, 1 to 3 hours each semester

Directed reading. Oral and written reports.

VIII. ECONOMIC SYSTEMS AND DOCTRINES

General Economics — Economics 101, 102

Credit, 3 semester hours. Course 101 is ordinarily prerequisite of 102

An introduction to the organization and operation of the American economy; and an analysis of contemporary problems and policies.

Economic History of the United States — Economics 221

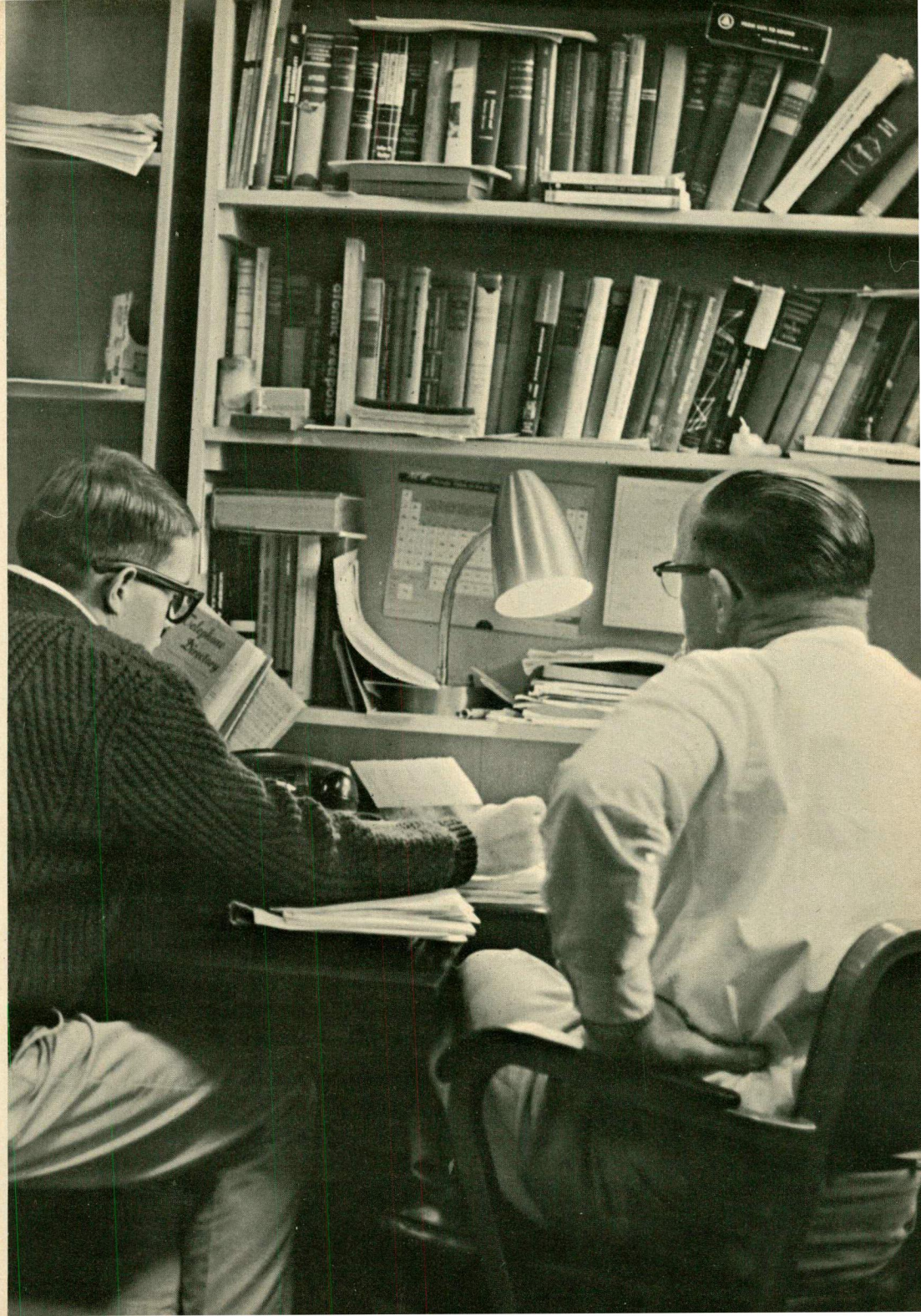
Credit, 3 semester hours

The development of American economic institutions from their European background to the present.

Money and Banking—Economics 232

Credit, 3 semester hours

A survey of the monetary and financial systems, the commercial banks,



central bank and other banks. The role of money and banking in the economic system.

Intermediate Economic Theory — Economics 305

Credit, 3 semester hours

Analysis of the concepts and principles of economics, and of the economic behavior of consumers and business firms; pricing under competitive conditions and under monopolistic conditions; distribution of income in a market economy.

Business Fluctuations and National Income — Economics 306

Credit, 3 semester hours. Prerequisite, Economics 232 or permission of instructor.

An analysis of the determinants of the level of national income and of employment; and an introductory study of business fluctuations.

Economic History of Europe — Economics 329, 330

See History 329, 330.

Public Finance—Economics 363

Credit, 3 semester hours

Taxation, public expenditures and public debt.

History of Economic Doctrine — Economics 409, 410

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 the other sciences.

Comparative Economic Systems — Economics 412

Credit, 3 semester hours

Comparative analyses of the economic theories, institutions and operation of communist, socialist, fascist and capitalist systems.

History of Political and Social Thought — Economics 413, 414

See Political Science 413, 414.

Government and Business — Economics 478

Credit, 3 semester hours

Government regulation and control of industry and commerce.

GRADUATE COURSES

Seminar in Economics Analysis and Policies — Economics 512

Credit 2 or 3 semester hours. Prerequisite, permission of instructor.

Reading and Conference — Economics 591, 592

Credit, 3 semester hours each semester

Directed reading, oral and written reports.

Directed Studies — Economics 595, 596

Credit, 2 to 5 semester hours each semester

Thesis — Economics 597, 598

Credit, 4 to 6 hours in total

Chemistry

Professors Fehlandt (Chairman), Sprenger; Assistant Professor Chittick

A major in chemistry may be in either (1) the elective curriculum, or (2) the prescribed curriculum.

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, in preparation for teaching, or as preliminary to the study of medicine. 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 both the fields of analytical and of organic or physical chemistry.

The prescribed curriculum is designed for students who wish to make use of 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: two semesters each of the four fundamental chemistry courses (General, Analytical, Organic, and Physical), plus two extra semesters of some advanced chemistry courses; at least one of the advanced courses must include laboratory work. Please note that the work in Analytical Chemistry is split; the first semester is elementary work taken at the sophomore level, while the second semester is advanced, and is taken at the senior level after the student has had Physical Chemistry. It must be emphasized the Physical Chemistry is a prerequisite for admission to all advanced chemistry courses. The only exception is, that by special permission, Physical Chemistry may be taken concurrently with an advanced chemistry course.

In addition to the usual requirements for the Bachelor of Science degree, students who elect the prescribed curriculum must: (1) complete Mathematics 211, 212, (2) have a reading knowledge of scientific German, and (3) complete Chemistry 194.



Any entering student who has an exceptional background in chemistry may perhaps be given advanced standing; this may mean enrolling in advanced courses rather than beginning work, with prerequisite courses either being waived or credit being 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.

The kind of major elected by a student will be entered on his permanent record. Graduates of the prescribed curriculum only, will be certified by the department as being qualified for graduate work or industrial positions.

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

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

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

General Chemistry and Qualitative Analysis — Chemistry 101, 102

Credit, 5 semester hours each semester. Prerequisite, high school algebra and plane geometry. High school chemistry is not a prerequisite, although it is desirable

A study of fundamental theories and principles, and the more important elements. The laboratory in Course 102 will consist of qualitative analysis.

General Chemistry and Qualitative Analysis — Chemistry 101X, 102X

Credit, 5 semester hours each semester. Prerequisite, high standing in a previous high school chemistry course. This will be determined by examination here, not by the high school chemistry grade.

This course will cover General Chemistry at a higher level than the regular 101, 102 course.

General Chemistry for Nurses — Chemistry 105

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.

Qualitative Analysis — Chemistry 132

Credit, 2 semester hours. Given as there is demand

Six laboratory hours per week. Required for entrance to advanced courses of students who do not have the equivalent of five hours each of Chemistry 101 and 102.

Laboratory Arts — Chemistry 194

Credit, 1 semester hour

Practice in common laboratory techniques, chiefly glass-working. One demonstration-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.

Quantitative Analysis — Chemistry 201

Credit, 3 semester hours. 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.

Organic Lectures — Chemistry 301, 302

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.

Organic Laboratory — Chemistry 305, 306

Credit, 2 semester hours each semester. The lecture course 301, 302 must accompany or precede this laboratory course

Will include the preparation of typical compounds and will demonstrate various methods of organic preparation.

Physical Chemistry 401, 402

Credit, 3 semester hours each semester. Lecture only; three hours per week. Prerequisites, Chemistry 201, Physics 212, and Mathematics 212.

Introduction to modern theoretical chemistry.

Physical Chemistry — Chemistry 405, 406

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.

Advanced Inorganic — Chemistry 422

Credit, 3 semester hours. Offered in alternate years. Given in 1964-65. Prerequisite, Physical Chemistry.

Advanced Quantitative Analysis — Chemistry 432

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.

GRADUATE COURSES

Courses listed in this section are primarily for graduate students, although they may be elected by qualified undergraduates.

Advanced Organic Lectures — Chemistry 543

Credit, 3 semester hours. Offered in alternate years. Given in 1964-65

Organic Preparations — Chemistry 545

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 and laboratory hours per week varying according to the credit sought.

Biochemistry — Chemistry 553

Credit, 5 semester hours. Three lecture periods and two 3-hour laboratory periods per week. Prerequisites, general organic chemistry and quantitative analysis. Offered in alternate years. Given in 1963-64.

General plant and animal biochemistry. Laboratory experiences include introduction to both classical and recent methods of biochemical investigations. Primarily designed for chemistry majors and others needing a general background; not designed for premedical and predental students.

Organic Analysis — Chemistry 556

Credit, 3 semester hours. Given as there is demand

A study of the properties of organic compounds, and laboratory practice in the methods of identifying unknown substances.

Solid State — Chemistry 568

Credit, 2 semester hours. Prerequisites, Chemistry 402 or Physics 212 and Mathematics 212. Offered in alternate years. Given in 1963-64.

Modern theories of solids, color center phenomena, semiconductors, the metallic bond.

Radio Chemistry Methods — Chemistry 582

Credit, 3 semester hours.

Research — Chemistry 591, 592

Credit, not to exceed 5 semester hours either semester, or a total of 10 semester hours

Thesis — Chemistry 597, 598

Credit, not to exceed 6 semester hours

Economics

See School of Business Administration and Economics

The School of Education

Professors Gibbs (Director), Powell; Associate Professors Dolan, Lamka, Lee; Assistant Professors Griesel, Gross, Patterson; Instructors Brevik, Daniel, Huschke, Parker, Rosen

The School of Education offers undergraduate students of the University guidance in all matters pertaining to teacher certification in Washington—the selection of subject matter majors and minors to meet current demand, the professional courses and laboratory experiences that will qualify the student for a Washington Provisional Certificate, and placement services to assist seniors and graduates in finding a suitable teaching position. It offers graduate students guidance for 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.

A major in Education for an undergraduate degree 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 in which the teaching major lies. In no case shall the major be less than twenty-four semester hours.

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 teacher education program leading to the Provisional and Standard Certificates and the Master of Education degree including preparation 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 will issue 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 will be valid for a three-year period and will be renewable for an additional three-year period upon completion of one year of successful teaching experience and eight semester hours of the fifth college year. The Standard Certificate will be issued upon the successful completion of two years of teaching experience and the fifth year of college study (155 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 that decision is reached, so that he may receive information concerning the requirements. The form for that purpose is supplied by the School of Education. Only 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 each 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 202, *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 101 and 102, Psychology 201, 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 2.50 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 both requirements.

Students working for a degree from the University of Puget Sound must meet the "Requirements for Undergraduates" as listed on pages 15 to 17 of this catalog. Those requirements include six hours of English Composition, a year of Science or Mathematics, nine hours of Social Studies, nine hours of Humanities, five hours of Physical Education Activity, an academic major, an academic minor, and the specific requirements of the degree chosen (which may involve a foreign language). Those requirements should be carefully studied. 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 courses:

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

B. Professional requirements:

1. Introduction to Teaching (Educ. 201) — 2 hours
2. Psychological Foundations of Education (Educ. 202) — 3 hours
3. Teaching in the Elementary School (Educ. 345) — 2 hours
4. Reading and the Language Arts (Educ. 349) — 2 hours
5. The Teaching of Arithmetic (Educ. 350) — 2 hours
6. Elementary School Student Teaching (Educ. 401) — 6 or 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 101 and Mathematics 151 are 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 courses:

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. 202) — 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 six hours of work from among the following: Art 107, Mathematics 151, Music 103 and/or 104, 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.

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 Dual Recommendation Certificate

In addition to the requirements for all teacher education candidates above, students who wish to prepare for teaching at both the elementary and the secondary level must meet the combined Non-Professional and Professional requirements of the Elementary and Secondary Certificate Programs and should follow the recommendation for the elementary teacher candidate with regard to the nine hours of Humanities and the nine hours of Social Studies. Meeting the requirements for the Dual Recommendation Certificate will probably take more than the normal four years or eight semesters of time, but since two-thirds of the fifth year may be taken prior to teaching experience the eventual total of requirements is not increased. The remaining hours of the fifth year of college will be selected in terms of 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 the 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 in individual cases. 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 and assignments for these experiences must be made in the preceding spring semester.

Teacher Placement Service

Assistance in securing a teaching position will be given by the Teacher Placement Bureau of the University of Puget Sound. 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. The employing school district shares its responsibility for the guidance and supervision of the beginning teacher with the University during this period. A supervisor from the University will visit the teacher and counsel with him and with his public school supervisors concerning his work.

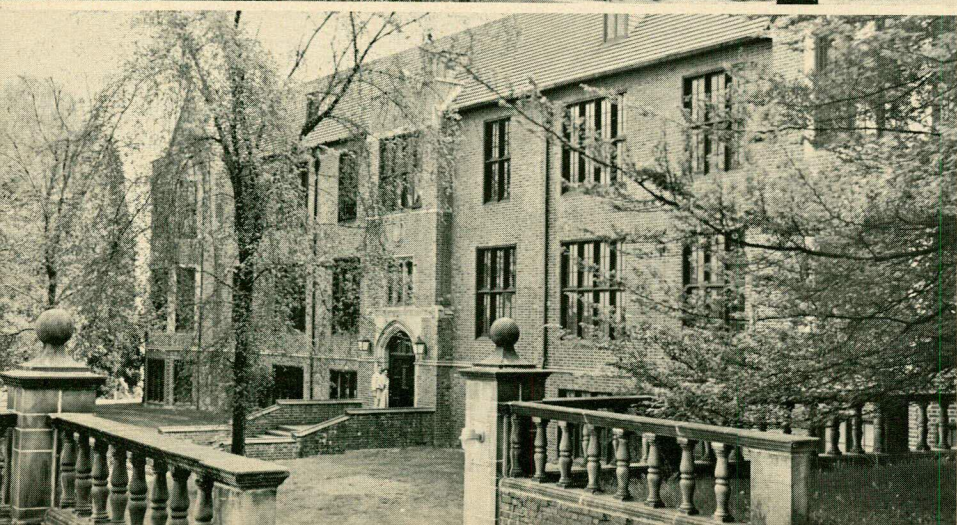
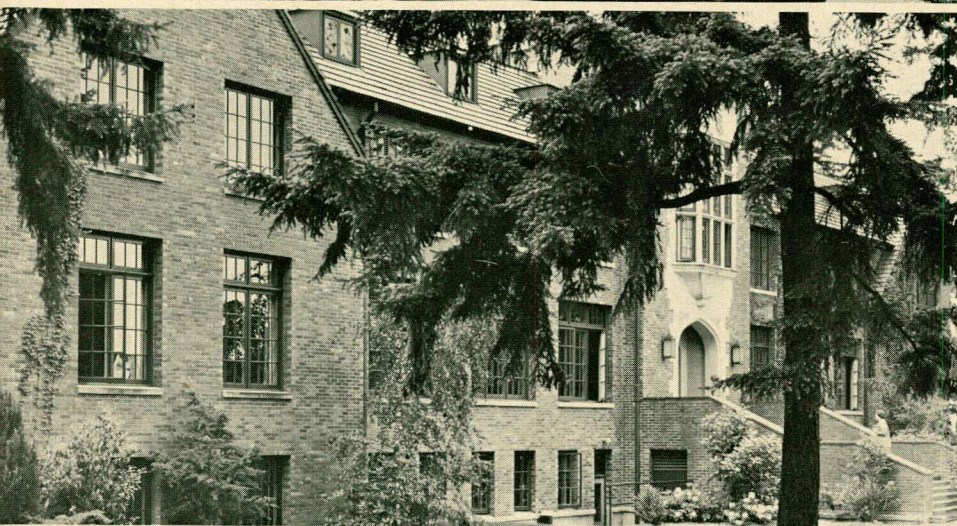
Fifth Year of College Preparation

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 have been set up to serve as a guide for 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. In planning this year, he has several choices of

institutions where he may do his work:

- a. If he wishes to take his fifth year in an out-of-state institution, his undergraduate college will be responsible for recommending him for the Standard Certificate upon successful completion of the work. The teacher must secure approval of his plan from his undergraduate institution.
 - b. If he chooses to take his fifth year in the same institution in which he did his undergraduate work, that institution will recommend him for the Standard Certificate.
 - c. If he elects to take his fifth year in another institution within the State of Washington, that institution will recommend him for the Standard Certificate, under its regulations for such students.
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 at a level required of upper level or graduate students. 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. Since there may be some courses required by the undergraduate institution, those 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 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 in gaps in the teacher's preparation. (The University of Puget Sound requires that one-half of the fifth year be



- in academic subjects, and more is recommended 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. While a second degree is not a prerequisite to recommendation for the Standard Certificate, one is recommended and will be granted upon completion of requirements.

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 written request, the School of Education will forward the appropriate credentials.

BACHELOR OF EDUCATION

The degree of Bachelor of Education is a post-graduate 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 under-graduate, 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;
6. Fulfillment of the residence and credit requirements of the University of Puget Sound for a degree;
7. Work used for this degree may not be counted toward a master's degree.

GRADUATE STUDY

Master of Education

The Master of Education degree is a recognized professional graduate degree designed for elementary and secondary teachers who hold a bachelor of arts degree, a standard teaching certificate, and who wish to pursue further study in their chosen field of professional interest. For those students who wish to pursue further study in an academic field, the Master of Arts degree in the given subject is recommended.

Candidacy for the Master's degree is administered in the Graduate School. A student who wishes to become a candidate for the degree at the University of Puget Sound must fill out an application to that effect. An official record of all previous academic work must be on file at the University of Puget Sound, or be provided at the time of this application. Scores on the Aptitude Test and Advanced Test of the Graduate Record Examination are helpful, and may be demanded.

Applications, records and scores are submitted to, and assembled by, the Admissions Office. The applications are then reviewed by the Director of the School of Education and by the Dean of the Graduate School. A grade average of not lower than B in undergraduate work in a recognized institution, or scores not below the 60th percentile in the Graduate Record Examinations, or both, constitute the general standard for acceptance. Noteworthy professional performance will be considered, with grades, for persons who have been graduated for a period of years. A student is admitted to candidacy for the degree when there is approval of his application and of his proposed program.

There is no general requirement of a foreign language. Competency in a foreign language is desirable but not a requisite for the Master of Education degree.

Courses and Programs of Study

In general a total of twenty-four semester hours of undergraduate study in Education is considered a minimum for admission to study for the Master of Education degree.

The basic course requirement is thirty-two semester hours, including (1)

Statistical Methods, (2) Philosophy of Education, (3) Methods of Research, and (4) a Research Project. Candidates may then choose one of the following Programs of Study for completion of the degree: (1) Counselling and Guidance; (2) Elementary School Administration; (3) Secondary School Administration; (4) General Elementary Education; (5) General Secondary Education. (See attached Programs of Study)

Courses which are listed in other departments with a number 500 or above are primarily graduate courses and may be used to meet degree requirements with consent of the School of Education. Graduate credit may be granted for courses numbered 300 to 499, but only on condition that the student has secured, at the time of registration, approval by the faculty member directing the student's graduate program, the instructor of the course, and the Dean of the Graduate School, of his enrollment in the class for graduate credit. Extra work will be required for graduate credit in courses numbered 300 - 499.

Each candidate for the Master of Education degree must demonstrate his ability to do independent research and to write up his findings in a creditable fashion. To meet the research requirement he may choose one of the following plans: (1) a thesis of 4-6 semester hours; (2) a seminar paper, field project, or two or three individual research papers on an approved topic, 3 semester hours. All writing must meet the standards set forth in the manual approved by the Graduate School for thesis writing. Whichever plan he elects to follow, before embarking on his research, the candidate must present an outline and design of his proposed research to his committee for approval.

Requirements for the Degree

The degree is granted only after a full year or more of residence work and upon completion of the approved program of study. Work may be done 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. There must be continuous relation with the institution during candidacy for a degree; if the relation is not maintained, candidacy can be re-established only by a new application. The degree must be completed within a period of not more than six years.

Credits toward a Master of Education degree are not automatically allowed for graduate courses taken prior to admission to candidacy for the degree. They may be granted at the discretion of the Director of the School of Education and of the Dean of the Graduate School. Normally all credits for the degree will be completed at this University, but graduate credit earned at another institution with similar standards may be accepted, with approval by

the officers named, 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 a recognized institution from which work is being transferred will they be considered. Credit through correspondence is never accepted. Courses more than six years old will not be included in the Master of Education degree.

A written comprehensive examination over the courses taken for the degree and an oral examination over the research are required. At least four months before the date of the convocation at which he wishes to receive the degree, the candidate *must* make written application for the examination with the Director of the School of Education. The dates for the examinations will be set by the Director of the School of Education in consultation with the Dean of the Graduate School.

By May 1 of the year in which the candidate expects to receive the degree, when he is enrolled in the regular sessions, and in summer sessions not later than one month before the summer convocation, two copies of the research report are to be filed with the Director of the School of Education who will forward them to the appointed readers. A final copy of the thesis is to be filed with the University Librarian, and a final copy of the seminar paper, field project, or individual research papers, is to be filed with the School of Education.

Two years of successful teaching experience are required prior to receipt of the degree. Not more than ten semester hours of graduate credit can be applied toward the degree before the candidate has taught successfully for at least one year.

Application for graduation *must* be made to the Registrar not later than six months preceding the commencement at which the degree is to be awarded.

PROGRAMS OF STUDY LEADING TO THE MASTER OF EDUCATION DEGREE

General Elementary Education		General Secondary Education	
	<i>Semester Hours</i>		<i>Semester Hours</i>
Statistical Methods	3	Statistical Methods	3
Advanced Philosophy of Education	3	Advanced Philosophy of Education	3
Methods of Research	2	Methods of Research	2
Curriculum Development	3	The Senior or Junior High School	3
Tests and Measurements	3	Curriculum Development	3
Principles of Elementary Education	3	Tests and Measurements	3
Child Psychology	3	The Adolescent	3
*Electives (Academic)	6-9	*Electives (Academic)	6-9
Research	3-6	Research	3-6
Total Hours Required	32	Total Hours Required	32

Elementary School Administration

	<i>Semester Hours</i>
Statistical Methods	3
Advanced Philosophy of Education	3
Methods of Research	2
Administration and Supervision	3
Curriculum Development	3
Public School Finance	3
School and Community Relations	2
Laboratory Experience	2
*Electives (Academic)	5-8
Research	3-6
Total Hours Required	32

Secondary School Administration

	<i>Semester Hours</i>
Statistical Methods	3
Advanced Philosophy of Education	3
Methods of Research	2
Secondary School Admini- stration and Supervision	3
Curriculum Development	3
Public School Finance	3
School and Community Relations	3
Laboratory Practices	2
*Electives (Academic)	4-7
Research	3-6
Total Hours Required	32

Counseling and Guidance

	<i>Semester Hours</i>		<i>Semester Hours</i>
Statistical Methods	3	Guidance: Organization and Administration	3
Advanced Philosophy of Education	3	Laboratory Practices	2
Methods of Research	2	Psychological Tests	6
Counseling and Guidance	3	*Electives (Academic)	2-5
Vocational Guidance	2	Research	3-6
		Total Hours Required	32

*Electives are to be chosen in the light of the candidate's background of experience and previous education and his future needs.

UNDERGRADUATE COURSES

The courses listed in this section are primarily for undergraduates. Those courses marked with the symbol (G) may be taken for graduate credit and applied toward a master's degree if (1) approval is obtained from the Dean of the Graduate School and the School of Education, and if (2) extra work is done on a graduate level.

Introduction to Teaching — Education 201

Credit, 2 semester hours. Required for all certificates

This is an orientation course designed to acquaint students who are interested in teaching with the profession. In addition, it will serve 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.

Psychological Foundations of Education — Education 202

Credit, 3 semester hours. Prerequisite, General Psychology, Education 201, and a cumulative grade point average of 2.25 or higher. Required for all certificates

This course will center around a study of the psychological foundations

underlying the education of the child. Basic principles of child, adolescent, and educational psychology will be studied. A project involving actual experience in working with children will be included.

Observation in the Public Schools — Education 203

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 in that course. Meets with Education 201.

Teaching in the Elementary School — Education 345

Credit, 2 semester hours. Prerequisite, Education 202. Required for the Provisional Elementary Certificate

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.

Teaching in the Secondary School — Education 347

Credit, 2 semester hours. Prerequisite, Education 202. Required for the Provisional Secondary Certificate

This course will be concerned with general secondary school aims, materials and methods, including the junior high school. Observations in actual classroom situations will be arranged.

Reading and the Language Arts — Education 349

Credit, 2 semester hours. Prerequisite, Education 345. Required for the Provisional Elementary Certificate

The Teaching of Arithmetic — Education 350

Credit, 2 semester hours. Prerequisite, Education 345. Required for the Provisional Elementary Certificate

Special Methods of Teaching Secondary School Subjects—Education 359

Credit, 2 semester hours. Prerequisite, Education 347. Required for the Provisional Secondary Certificate

Courses will be scheduled as needed, in either the first or second semester, to give training in methods of teaching specific subjects in the junior and senior high schools. Professors in the students' major department 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.

Elementary School Student Teaching — Education 401

Credit, 6 or 9 semester hours. Prerequisite, Education 345, 349, 350. Re-

quired for the Provisional Elementary Certificate

Directed student teaching in the student's preferred grades of the public elementary schools, from 8:30-12:00 a.m. daily for a full semester. A two hour seminar each week is required.

Secondary School Student Teaching — Education 403

Credit, 6 or 9 semester hours. Prerequisite, Education 347 and 359. Required for the Provisional Secondary Certificate

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 clock hours daily during a full semester. A two hour seminar each week is required.

Philosophical and Social Foundations of Education — Education 417

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.

The Study of the Child (G)

See Psychology 425.

The Study of Adolescence (G)

See Sociology 426.

Principles and Practices of Guidance — Education 437 (G)

Credit, 3 semester hours

Introduction to Counseling Techniques — Education 438 (G)

Credit, 2 semester hours

Educational Tests and Pupil Evaluation — Education 441 (G)

Credit, 3 semester hours

Creative Teaching — Education 446 (G)

Credit, 2 semester hours

Improvement of Teaching the Language Arts — Education 448 (G)

Credit, 2 semester hours

Improvement of Teaching the Social Studies — Education 452 (G)

Credit, 2 semester hours

Materials and methods in the social studies for the elementary school.

Science Education — Education 453 (G)

Credit, 2 semester hours

Materials in science for use in the elementary school.

Children's Literature and Books — Education 454 (G)

Credit, 2 semester hours

Early Childhood Education — Education 457 (G)

Credit, 2 semester hours

Audio-Visual Aids in Teaching — Education 460 (G)

Credit, 3 semester hours

School Organization and Administration — Education 475 (G)

Credit 3 semester hours

A beginning course in the principles and methods of educational organization and administration.

Constructive School Discipline — Education 476 (G)

Credit, 2 semester hours

Reading and Conference — Education 491, 492 (G)

Credit arranged. Open only to seniors with approval of the School of Education

GRADUATE COURSES

Courses listed in this section are primarily for graduate students, but may be elected by qualified seniors with permission of the School of Education.

Principles of Elementary Education — Education 512

Credit 3 semester hours

A critical study of the modern elementary school, with special reference to philosophy, objectives, curriculum and methods.

Principles of Secondary Education — Education 513

Credit, 3 semester hours

An advanced critical study of modern secondary education, including extended secondary education and the junior college.

History of Education — Education 515

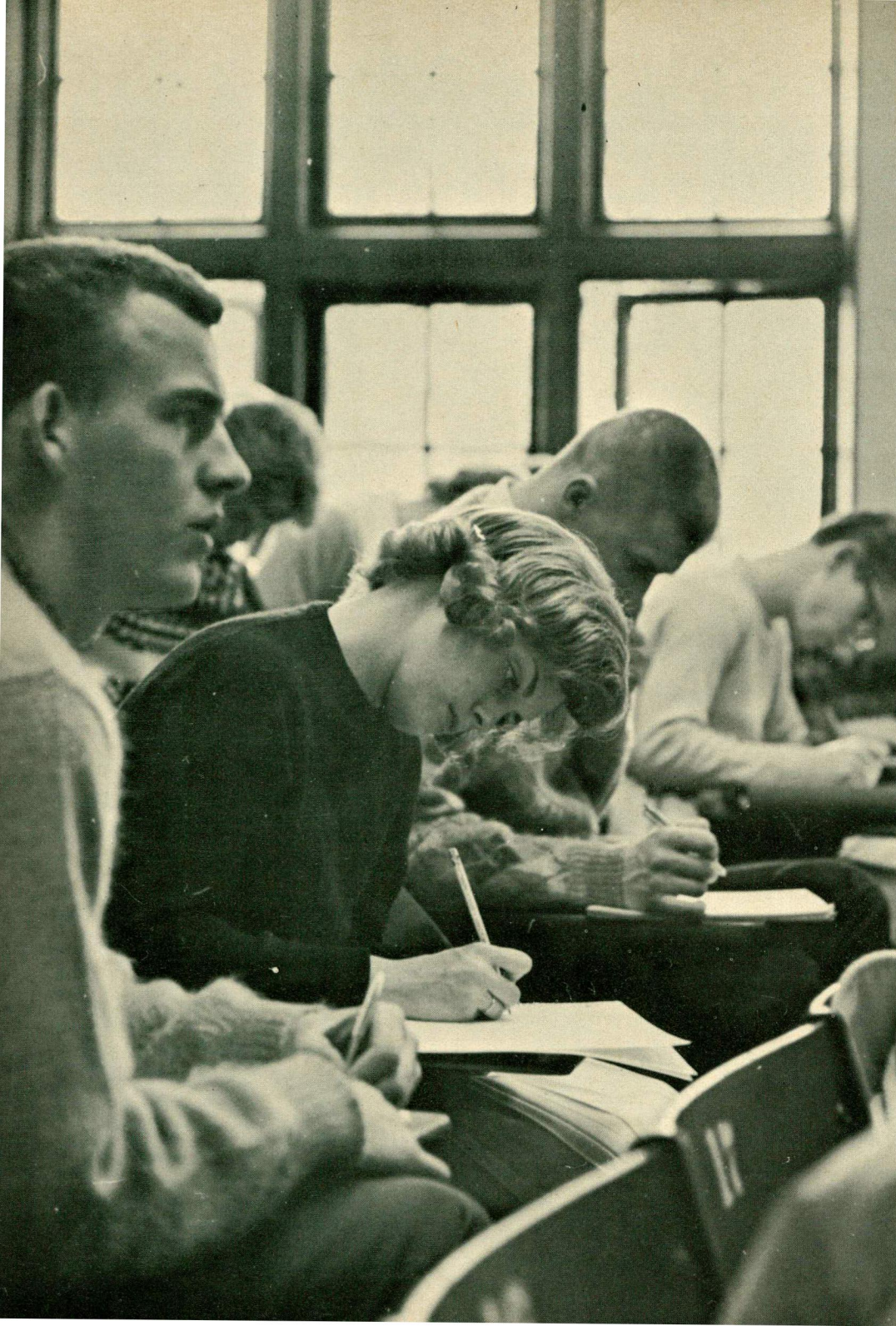
Credit, 3 semester hours

A study of educational theory and practice from early times to the present. Special attention will be given to American education.

Philosophy of Education — Education 516

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.

Moral and Spiritual Values in Education — Education 524

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. Time will be given to ways and means of accomplishing this within the framework of constitutional requirements.

Advanced Educational Psychology — Education 529

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.

Vocational Guidance — Education 536

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.

Guidance: Organization and Administration — Education 537

Credit, 3 semester hours

Principles in the planning, organization and administration of an effective guidance program.

Guidance: Supervised Practice — Education 539

Credit, 2 semester hours

Laboratory experiences for students majoring in counseling and guidance.

Statistical Methods — Education 541

Credit, 3 semester hours. Required for the Master of Education degree

A study of the statistical procedures employed in dealing with educational, psychological and sociological data.

Principles of Public School Curriculum Planning — Education 545

Credit, 3 semester hours

An advanced study of curricula and curriculum-making with special references to both elementary and secondary levels.

Teaching in the Junior High School — Education 546*Credit, 2 semester hours*

The aim of this course is to consider the aims and philosophy of junior high school education. Attention will be given to current developments.

Seminar in Supervising-Teacher Education — Education 573*Credit, 1 semester hour. Open to administrators and teachers who supervise student-teachers***Public School Organization and Administration — Education 575***Credit, 3 semester hours***Elementary School Administration and Supervision — Education 576***Credit, 3 semester hours***Junior High School Administration and Supervision — Education 577***Credit, 3 semester hours***High School Administration and Supervision — Education 578***Credit, 3 semester hours***Public School Finance — Education 582***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.

School and Community Relations — Education 586*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.

Laboratory Experience for Administrators — Education 590*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.***Reading and Conference — Education 591, 592***Credit arranged. Open only to advanced students with the approval of the instructor***Introduction to Educational Research — Education 593***Credit, 2 semester hours. Required for the Master of Education degree. Prerequisite, Education 541*

A study of the basic methods employed in conducting research in education.

Seminar — Education 595*Credit and time arranged. Required for the Master of Education degree. Prerequisite, Education 593*

Individual investigation and writing with group consideration of the research projects of the participants.

Master's Thesis — Education 597, 598*Credit and time to be arranged. Prerequisite, Education 593***Workshops and Short Courses — Education 680-699***Credit arranged*

Each workshop will be assigned a number within the block set aside.

English

Professor H. Simonson (Chairman); Associate Professor Hager;
Assistant Professors Corkrum, Crosland, Myers, Lindley;
Instructors Durkin, Hess, Umphrey, C. Simonson;
Teaching Assistant Sayre

The Department of English includes three fields: rhetoric, literature and journalism.

A major in English must include Courses 251 and 252, 451, 514, and five hours of American literature, with electives in either literature or rhetoric, to total twenty-eight hours of which fifteen must be upper-level.

A minor in English must include Course 451, with electives in literature or rhetoric to total fifteen hours.

A minor is offered in Journalism. Students interested in a journalistic career are advised to major in a discipline that will benefit them in their profession: e.g., political science, or economics. Requirements for the minor are English 209, 210, 317 and seven additional hours of journalism.

Six hours of English composition are required of all students in the freshman year, but these courses may not be counted toward a major or minor.

I. RHETORIC

English Composition — English 101, 102

Credit, 3 semester hours each semester

A course in the writing of clear and effective expository prose, with emphasis upon organization, style, and maturity of thought. Personal criticism and individual conferences, augmented by reading and discussion of carefully chosen English and American selections.

English Prose Composition — English 105, 106

Credit, 3 semester hours each semester

An intensive course in prose writing and reading, emphasizing independent, critical thinking. Required of freshmen not assigned to English 101, 102.

English Prose Composition — English 205, 206

Credit, 3 semester hours each semester. See English 105, 106 for description. For students admitted with advanced level standing

Advanced Composition — English 301, 302

Credit, 2 semester hours each semester

A practical course in advanced grammar and writing, especially recommended for majors who plan to teach. First semester: rhetorical emphasis on advanced prose writing, grammar. Second semester: history of the language, syntactical logic, morphology, semasiology, and linguistics.

Conference in Creative Writing — English 481, 482

Credit, 2 semester hours each semester. Registration only by permission of instructor or Department chairman

A seminar for writers engaged in either fiction or non-fiction.

II. LITERATURE

At least one of Courses 131, 132, 251, 252, is a prerequisite for upper division literature courses, except English 321, 322 and 593 for which English 221 or 222 is prerequisite.

World Literature — English 131, 132

Credit, 3 semester hours each semester

A study of classics selected from Ancient, Medieval, Renaissance, and Modern literature.

American Literature — English 221, 222

Credit, 3 semester hours each semester

Colonial period to 1860; 1860 to the present. Designed to show the range

of our literature, with emphasis upon the development of significant ideas in the growth of America.

Survey of English Literature — English 251, 252

Credit, 3 semester hours each semester

A survey course covering the chief men and movements of English literary history from its beginning through the nineteenth century.

Studies in American Literature — English 321, 322

Credit, 2 semester hours each semester

An intensive study of selected American writers.

Twentieth Century Poetry — English 341

Credit, 2 semester hours

Modern poetry with emphasis upon Frost, Eliot, Auden, Yeats, and Pound.

Twentieth Century Fiction — English 342

Credit, 2 semester hours

A close study of selected American, British, and Continental novelists.

Shakespeare — English 451

Credit, 3 semester hours

A study of the principal plays of Shakespeare with examination of the sources.

Milton and His Contemporaries — English 453

Credit, 3 semester hours

A study of Milton and his contemporaries of the earlier seventeenth century: 1603-1660.

The Age of Dryden, Pope, Swift, and Johnson — English 456

Credit, 3 semester hours

A study of the major writers of the neo-classic period: 1660-1784.

The English Romantics — English 457

Credit, 3 semester hours

A close reading of Wordsworth, Coleridge, Byron, Shelley, Keats and selected essayists.

The English Victorians — English 458

Credit, 3 semester hours

A study of Victorian poetry and prose, with emphasis upon Tennyson, Browning, Arnold and the Pre-Raphaelites.

Early English Literature — English 467*Credit, 3 semester hours*

Old and Middle English prose and poets including Chaucer.

Literature of the English Renaissance — English 468*Credit, 3 semester hours*

Poetry and drama of the Renaissance excluding Shakespeare.

Reading in English — English 491, 492*Credit, 2 semester hours each semester. Open only to advanced students with consent of the instructor and the Department chairman*

Individual study of selected topics, with written papers and conferences.

Principles of Literary Criticism — English 514*Credit, 3 semester hours*

A survey of the principal literary critics from Aristotle to the New Critics.

Seminar in American Literature — English 593*Credit, 2 semester hours*

Introduction to literary theory, history, and research; use of bibliographical tools; special assignments. Especially recommended for English majors.

Seminar in English Literature — English 594*Credit, 2 semester hours*

See description for English 593.

Thesis — English 597, 598*Credit, 4 to 6 semester hours***III. JOURNALISM**

The best preparation for journalism consists of a broad liberal arts education. To this should be added sufficient professional courses so that such knowledge may be communicated effectively.

Newswriting and Editing—English 209, 210*Credit, 3 semester hours each semester. Required of all minors. English 209 is prerequisite to English 210*

The technique of writing the news story. First semester emphasizes fundamentals of news writing. Second semester emphasizes specialized news-writing, copy editing, layout and news evaluation.

Advanced Newswriting—English 317*Credit, 2 semester hours. Required of all minors*

Study of how news media have covered some of the great events of human history; news coverage today. Student writing will emphasize reporting of public events.

Advertising — English 324

See Business Administration 324. (Section II. Marketing)

Journalism Workshop—English 367, 368*Credit, 2 semester hours each semester.*

First semester: writing of feature stories and special articles. Second semester: publicity, public relations, special publications.

History of Journalism—English 370*Credit, 3 semester hours.*

Growth of the press in America, stressing its cultural, social, and political influence. Development of the great dailies and the sensational press. Study of some of the major editors, as well as of some literary figures whose work as journalists helped shape their careers.

Foreign Languages

Professor Tomlinson (Chairman); Associate Professors Bachimont, Bucklin, Martin, Instructors Brown and Lavaska

CLASSICAL LANGUAGES

Courses in Elementary and Intermediate Greek and Elementary and Intermediate Latin will be given if there is sufficient demand.

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.

Introduction to Descriptive Linguistics — Modern Languages 402*Credit, 2 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.

FRENCH

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

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

Elementary French — French 101, 102

Credit, 4 semester hours each semester

Introduction to the phonetics and grammar of the French language, reading of graded texts.

Intermediate French — French 201, 202

Credit, 3 semester hours each semester. Prerequisite, Course 102, or two years of high school French.

Reading of modern French writers, review of grammar, oral and written composition, and conversation.

Survey of French Literature — French 301, 302

Credit, 3 semester hours each semester. Prerequisite, Course 202. Offered in alternate years. Given in 1963-64.

Development of French Drama — French 313, 314

Credit, 3 semester hours each semester. Prerequisite, Course 202. Offered in alternate years. Given in 1964-65.

The first semester is devoted to the study of the drama through the seventeenth century; the second semester, to modern dramatists.

Advanced Composition and Conversation — French 351

Credit, 3 semester hours. Prerequisite, Course 202. Offered in alternate years. Given in 1964-65.

French Civilization — French 387, 388

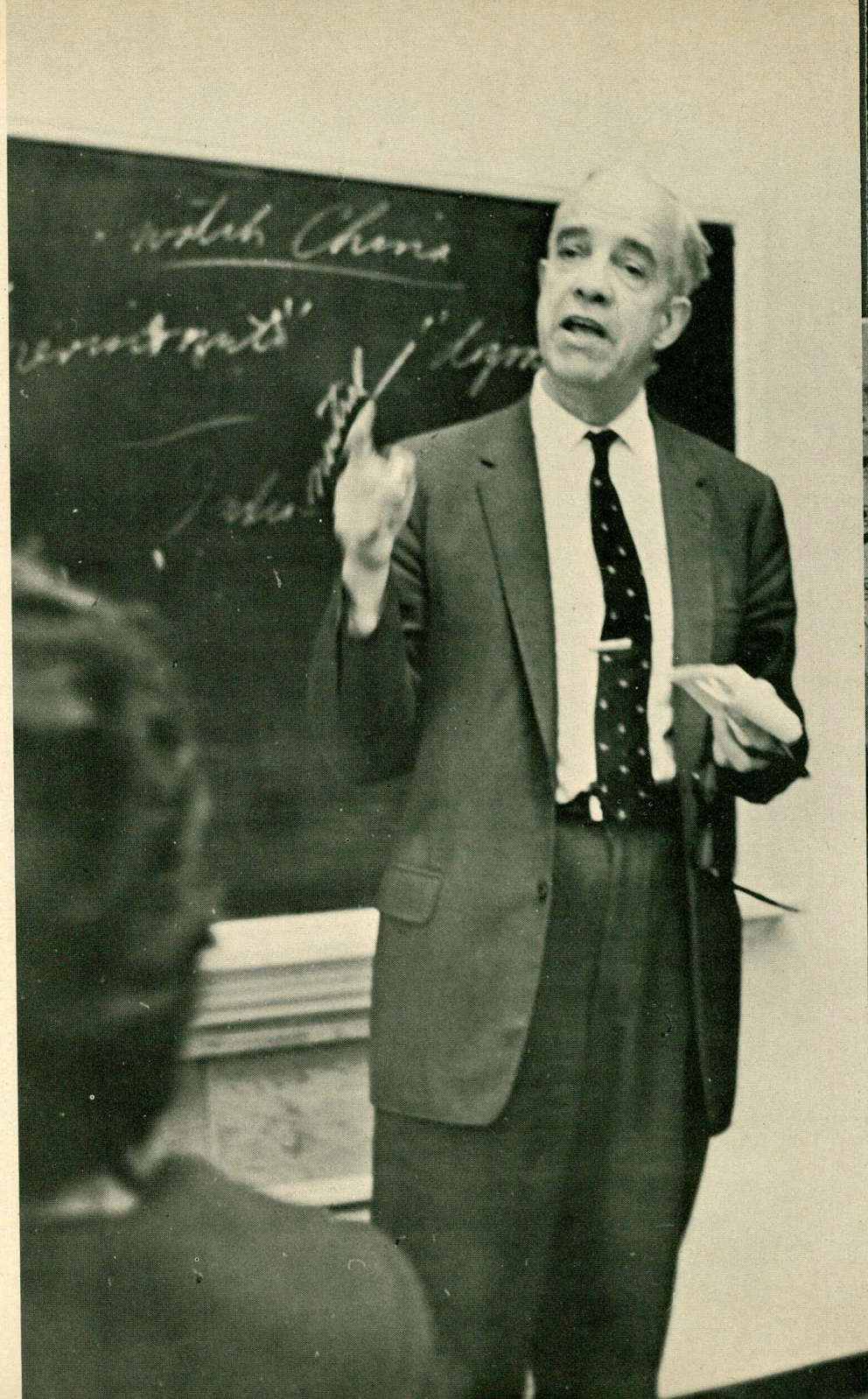
Credit, 2 semester hours each semester. Prerequisite, Course 202. Offered in alternate years. Given in 1964-65.

Reading, lectures, and reports on France from the Middle Ages to the present.

Development of the French Novel — French 425, 426

Credit, 3 semester hours each semester. Prerequisite, Course 202. Offered in alternate years. Given in 1963-64.

Lectures, reports, and discussion. Intensive study of some examples of the novel.



French Poetry and Explication de Textes — French 465

Credit, 3 semester hours. Prerequisite, at least 6 upper-level credits in French. Offered in alternate years. Given in 1964-65.

Critical study of the development of French poetry from the Pleiade to the present day.

Contemporary French Literature — French 477, 478

Credit, 3 semester hours each semester. Prerequisite, at least 6 upper-level credits in French. Offered in alternate years. Given in 1963-64.

A study of twentieth-century novelists, poets, dramatists and essayists.

GRADUATE COURSES

Courses listed in this section are primarily for graduate students, although they may be elected by qualified undergraduates.

Seminar — French 503, 504

Credit, 2 semester hours each semester

Reading and Interpreting Old French Texts — French 511, 512

Credit, 2 semester hours each semester

Reading Conference — French 591, 592

Credit, 1 or 2 semester hours each semester, and may be repeated once

Enrollment only on approval by the Chairman of the Department. Undergraduates accepted would register under the numbers 491, 492.

Directed reading, oral and written reports, and discussion.

Thesis — French 597, 598

Credit, 4 to 6 semester hours

GERMAN

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

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

Elementary German — German 101, 102

Elementary, 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.

Intermediate German — German 201, 202

Credit, 3 semester hours each semester. Prerequisite, Course 102, or two years of high school German

Study of works by modern German writers; review of grammar; practice in oral and written German.

Survey of German Literature — German 301, 302

Credit, 3 semester hours each semester. Prerequisite, Course 202. Offered in alternate years. Given in 1963-64.

Scientific German — German 311

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.

Advanced Composition and Conversation — German 352

Credit, 3 semester hours. Offered in alternate years. Given in 1963-64.

Systematic review of German syntax. Oral and written composition.

Deutschkunde — German 388

Credit, 3 semester hours. Prerequisite, Course 202. Offered in alternate years. Given in 1964-65.

A study and interpretation of the important cultural phases of German life and thought. Readings, lectures, reports.

Contemporary German Literature — German 461

Credit, 3 semester hours. Offered in alternate years. Given in 1964-65.

Goethe's Faust — German 462

Credit, 3 semester hours. Offered in alternate years. Given in 1964-65.

Intensive study of the drama (Parts 1 and 2), its problems, philosophy, and sources, in connection with Goethe's life.

Reading Conference — German 491, 492

Credit, 1 or 2 semester hours each semester, and may be repeated once.

Directed reading and research in fields of student's special interest. Oral and written reports.

RUSSIAN**Elementary Russian — Russian 101, 102**

Credit, 4 semester hours each semester

Essentials of Russian grammar, oral and written practice, reading of graded texts.

Intermediate Russian — Russian 201, 202

Credit, 3 semester hours each semester

Reading of suitable texts, review of grammar, oral and written composition.

Survey of Russian Literature — Russian 301, 302

Credit, 3 semester hours each semester. Prerequisite, Russian 202 or equivalent. Offered in alternate years. Given in 1964-65.

SPANISH

In a major in Spanish, Courses 301, 302, 331, 332, 351 and 352 should be included; in a minor, Courses 301, 302, 331, 332, 351 and 352 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.

Elementary Spanish — Spanish 101, 102

Credit, 4 semester hours each semester.

An audio-lingual approach to speaking, reading, and writing Spanish.

Intermediate Spanish — Spanish 201, 202

Credit, 3 semester hours each semester. Prerequisite, Course 102, or two years of high school Spanish.

Readings from Spanish and Spanish-American writers, review of grammar, oral and written composition.

Survey of Spanish Literature — Spanish 301, 302

Credit, 3 semester hours each semester. Prerequisite, Course 202 or equivalent. Offered in alternate years. Given in 1963-64.

Survey of Spanish-American Literature — Spanish 331, 332

Credit, 3 semester hours each semester. Prerequisite, Course 202 or equivalent. Offered in alternate years. Given in 1964-65.

Advanced Composition and Conversation — Spanish 351, 352

Credit, 2 semester hours each semester. Prerequisite, Course 202 or equivalent. Offered in alternate years. Given in 1963-64

Grammar review, oral and written composition.

Reading Conference — Spanish 491, 492

Credit, 1, 2, or 3 semester hours each semester, and may be repeated once. Admission on approval of the instructor.

Directed reading and research, oral and written reports.

Advanced Studies in Spanish — Spanish 493, 494

Credit, 2 semester hours each semester. May be repeated by permission of the instructor. Offered in alternate years. Given in 1964-65.

Geography**World Geography — Geography 100**

Credit, 3 semester hours. Offered each semester

Geology

Associate 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. Surveying, Mathematics 224, is required of all majors and should be completed prior to taking Geology 360.

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 will satisfy the University science requirement only if the student has one high school unit of biological science (Biology or Botany).

Physical Geology — Geology 101

Credit, 4 semester hours; 3 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.

Historical Geology — Geology 102

Credit, 4 semester hours. Prerequisite, Geology 101. 3 lectures and a two-hour laboratory

A survey of the historical development of the earth and its inhabitants, and the principles and methods that are employed in studying earth history.

Mineralogy — Geology 201

Credit, 4 semester hours; three lectures and a three-hour laboratory. Prerequisite, Geology 101, or equivalent; and General Chemistry is recommended

Petrology and Field Methods — Geology 202

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

Structural Geology — Geology 301

Credit, 4 semester hours; three lectures and a three-hour laboratory

Paleontology — Geology 302

Credit, 4 semester hours; three lectures and a three-hour laboratory

Rocks and Minerals—Geology 351

Credit, 3 semester hours. Prerequisite, Geology 102. Not counted toward 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 significant physical properties of the common rocks and minerals. Each student will be required to purchase a set of rocks and minerals, approximately \$10.00. One or two one-day field trips will be taken.

Life of the Past—Geology 352

Credit, 3 semester hours. Prerequisite, Geology 102. Not counted toward a major in Geology or laboratory science requirement without departmental approval

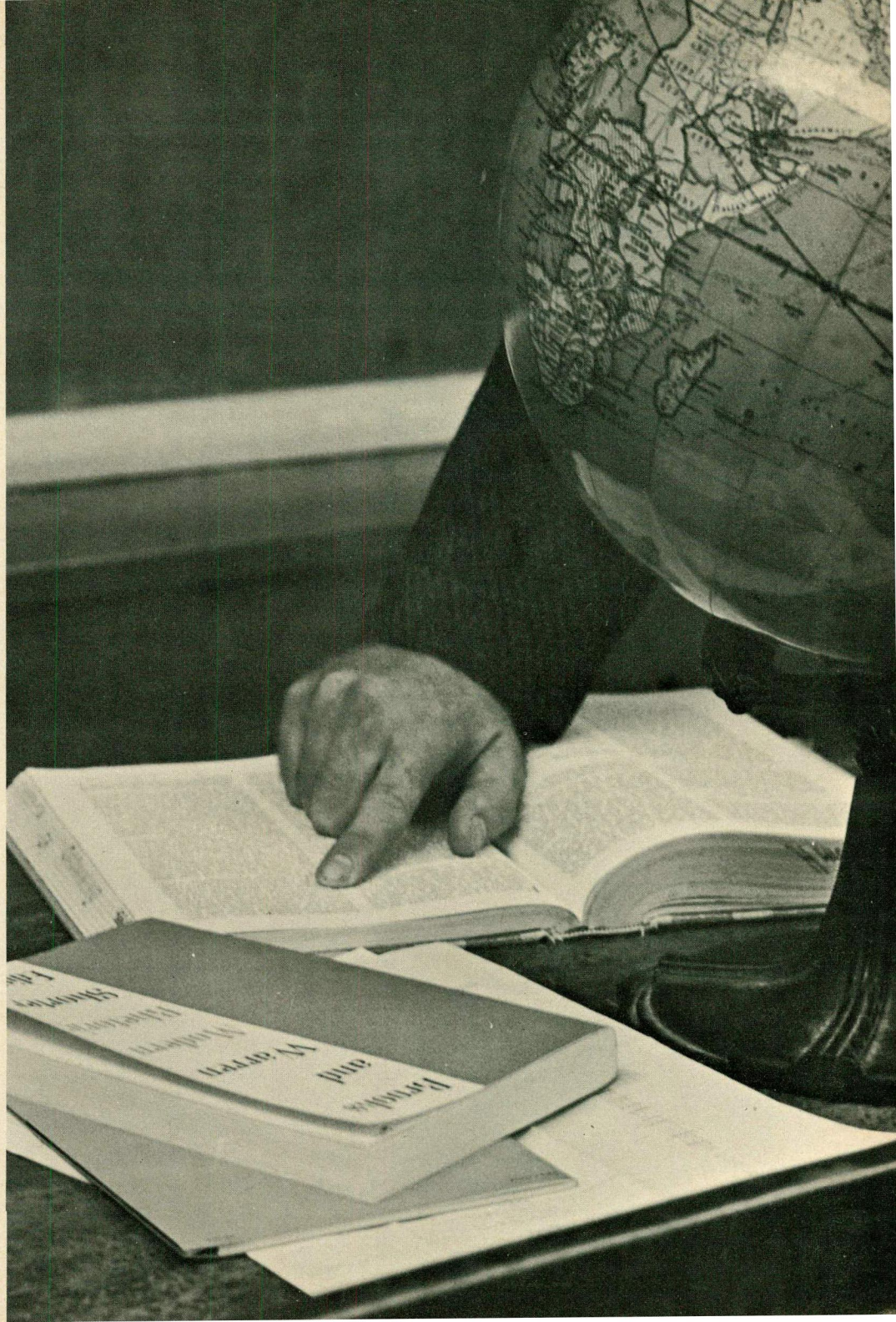
An introduction to the various kinds of animals and plants that have inhabited the earth through geologic time. Designed primarily for school teachers and amateur geologists, this course stresses the practical aspects of Paleontology through field trips and laboratory exercises in the identification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

Advanced Field Geology — Geology 360

Credit, 5 semester hours; offered in summer session only. Given as there is demand

Stratigraphy and Sedimentation — Geology 401

Credit, 3 semester hours; two lectures and one three-hour laboratory



Seminar in Advanced Historical Geology — Geology 403*Credit, 1 semester hour***Geomorphology — Geology 404***Credit, 3 semester hours; two lectures and one three-hour laboratory***Seminar in Advanced Physical Geology — Geology 406***Credit, 1 semester hour***Special Topics — Geology 450***Credit, 1-4 hours each semester. Given as there is demand.***Undergraduate Research — Geology 497, 498***Credit, 2 semester hours each semester. One semester required of all majors***GERMAN****(See Foreign Languages)**

History

Professors Shelmidine (Chairman), Coulter; Associate Professors

Tomlinson, Thomas; Instructor Lowrie

A major in history must include Courses 101 and 102, or 151 and 152, with 18 additional hours of which 12 must be in upper-level courses. Majors are required to have a "B" average in history for admission to the Seminars.

A minor in history must include Courses 101 and 102, or 151 and 152, and additional hours in upper-level courses to complete the total of fifteen.

Survey of Western Civilization — History 101, 102*Credit, 3 semester hours each semester*

Man's development during the last six thousand years with emphasis on those political, social, economic, and cultural institutions which have shaped Western society.

History of the United States—History 151, 152*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.

The Ancient World—History 201, 202*Credit, 2 semester hours each semester*

First semester covers Ancient Near East Orient and Greece; second semester covers the rise and decline of the Roman Empire.

History of the Pacific Northwest—History 251*Credit, 2 semester hours*

A comprehensive regional survey of the Pacific Northwest and of the history and government of the State of Washington.

The History of Latin America—History 275, 276*Credit, 2 semester hours each semester*

A survey of the history of Latin America from discovery to 1815; second semester covers Latin American nations after independence.

History of England and the British Empire—History 311, 312*Credit, 3 semester hours each semester*

First semester covers the history to 1688; the second semester from 1688 to the present.

History of the Middle East—History 315, 316*Credit, 3 semester hours each semester*

The first semester is from the rise of Islam to 1914. The second semester deals with Contemporary Middle East.

The Middle Ages—History 321, 322*Credit, 2 semester hours each semester. Offered alternate years. Given in 1964-65*

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; stress is given to those areas which made a significant impact on European civilization.

The Renaissance—History 323*Credit, 2 semester hours. Offered alternate years. Given 1963-64*

A study of the significant developments in the fine arts, religion, philosophy, politics, and science in Italy during the fourteenth and fifteenth century and their impact upon the rest of Europe.

The Reformation—History 324*Credit, 2 semester hours. Offered alternate years. Given 1963-64*

A study of the religious and political crises in Western Christendom; the leaders and the organization of Protestantism; the Catholic Reform; cultural developments during the decades of turmoil.

Early Modern Europe—History 325*Credit, 2 semester hours. Offered alternate years. Given 1963-64*



Europe from the Thirty Years' War to the French Revolution with particular emphasis on the rise of France and the growing crisis in the Old Regime; study includes the eighteenth century "Enlightenment."

The French Revolution and Napoleonic Era—History 326

Credit, 2 semester hours. Offered alternate years. Given 1963-64

Prerequisite: History 325, or by permission only

The Revolution and the forces struggling in it; France and Europe during the reign of Napoleon; impact of the Revolutionary and Napoleonic eras upon Western society.

The Economic History of Europe—History 329, 330

Credit, 2 semester hours each semester. Offered alternate years. Given 1963-64

A study of the development of economic institutions from the Dark Ages to the Twentieth Century.

The Colonial Period of American History—History 351

Credit, 3 semester hours. Offered alternate years. Given 1963-64

Traces the main threads in the development of American culture from the first settlements in Virginia to the ratification of the federal constitution.

The Rise of American Democracy—History 352

Credit, 3 semester hours. Offered alternate years. Given 1963-64

A political history of the United States during the period from the inauguration of President Washington to the Civil War, with emphasis upon the rise and downfall of the Democratic Party.

History of Russia—History 365, 366

Credit, 2 semester hours each semester. Offered alternate years. Given 1963-64

The first semester covers Russian history to the Revolution of 1905. The second semester deals with 20th century Russia, with emphasis on the revolutions in 1917, Communism, and the Soviet government.

History of the Far East—History 371, 372

Credit, 2 semester hours each semester. Offered alternate years. Given in 1964-65

A survey of history and culture, primarily of China and Japan, but including some of India and other Asian areas. First semester to about 1800; second semester the 19th and 20th centuries; relations with the Western world.

Recent History of Europe—History 411, 412*Credit, 3 semester hours each semester*

The period covered is from 1815 to the present.

History of the United States from 1860 to 1896—History 451*Credit, 3 semester hours. Offered alternate years. Given in 1964-65*

A political history of the United States with special emphasis on the struggle for liberal reform.

History of the United States in the Twentieth Century—History 452*Credit, 3 semester hours. Offered alternate years. Given in 1964-65*

A political history of national policy from McKinley to public power.

Reading and Conference—History 491, 492*Credit, 2 semester hours*

Open to majors only.

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

An independent research project and term paper, designed to give the student experience in the organization and assimilation of historical data by himself.

Seminar in European History—History 497, 498*Credit, 2 semester hours each semester. Both semesters are required***Thesis—History 597, 598***Credit, 4-6 semester hours each semester*

Home Economics

Associate Professor Bowers (Chairman), Assistant Professors Hall, Lavinder

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, 121, 201, 202, 301, 328, 351, 352, 361 and 364. However, to be recommended 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.

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.

Textiles — Home Economics 101, 102*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.

Clothing — Home Economics 105, 106*Credit, 2 semester hour each semester.*

Fabrics pertaining to clothing construction, principles of construction methods and consideration of family clothing. Two two-hour laboratory and lecture periods.

Nutrition (Nurses Only) — Home Economics 111*Credit, 2 semester hours.***Therapeutic Nutrition (Nurses Only) — Home Economics 112***Credit, 2 semester hours.***Marriage and the Home — Home Economics 121**

See Sociology 121

Food and Nutrition — Home Economics 201*Credit, 2 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.

Meal Management — Home Economics 202*Credit, 3 semester hours.*

Principles of meal management. One recitation, two two-hour laboratories.

Nutrition — Home Economics 301*Credit, 3 semester hours.*

International and national nutrition problems. Nutrition of the individual.

Draping and Pattern Design — Home Economics 325*Credit, 2 semester hours. Offered spring 1964 and alternate years.*

Pattern design, use of fabric to portray designs and couture fashion techniques.

Child Development — Home Economics 328

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.

Costume and Culture — Home Economics 330

Credit, 3 semester hours.

A critical study of costume.

Related Art — Home Economics 351

Credit, 3 semester hours. Prerequisite Art 101 or Art 107.

Application of art principles to home and personal use. Three recitations.

Interior Design — Home Economics 352

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.

Special Methods of Teaching Home Economics — Home Economics 359

See Education 359.

Household Management — Home Economics 361

Credit, 3 semester hours.

Use of family resources, time, energy, money, mental and spiritual resources in attaining desired values for the family and the individual.

Personal and Family Finance — Home Economics 364

Credit, 2 semester hours

See Business Administration 364

Home Planning and Design — Home Economics 409

Credit, 3 semester hours

Home planning to meet the family's specific needs in location, cost, size, and personal interests.

Tailoring — Home Economics 422

Credit, 2 semester hours. Offered Spring 1964 and alternate years.

Principles of tailoring; planning and construction of suits. One three-hour meeting with lecture and supervised work.

Advanced Food Preparation — Home Economics 432

Credit, 2 semester hours. Prerequisite 201. Offered Spring 1964 and alternate years.



Study of food from historical, social and economic viewpoints; foreign food; techniques of demonstration.

Directed Study and Conference — Home Economics 491, 492

Credit and time to be arranged. Enrollment only by permission of instructor.

Individual study, reading, written reports and conferences.

Recent Research in Home Economics — Home Economics 501, 502, 503, 504, 505

Credit 1 semester hour each semester. Open only to Home Economics graduates.

Mathematics

Associate Professors Goman (Chairman), Lantz;
Instructor Carothers

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 the calculus.

College Algebra and Trigonometry — Mathematics 111

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.

Analytic Geometry and Calculus — Mathematics 112

Credit, 4 semester hours. Prerequisite, Mathematics 111, or evidence of sufficient mathematical maturity

Mathematics of Finance — Mathematics 116

See Business Administration 116.

Engineering Drawing — Mathematics 131

Credit, 3 semester hours. Prerequisite, elementary algebra and plane geometry

Descriptive Geometry and Engineering Drawing — Mathematics 132

Credit, 3 semester hours. Prerequisite, Course 131

Basic Concepts of Mathematics — Mathematics 151

Credit, 3 semester hours

The course is designed for the student who wishes to know something about the philosophy of mathematics, but doesn't have the time to develop the necessary techniques involved. It might be said to develop an appreciation for mathematics.

Analytic Geometry and Calculus — Mathematics 211, 212

Credit, 4 semester hours each semester. Prerequisite, Mathematics 112

Surveying — Mathematics 224

Credit, 3 semester hours. Prerequisite, Course 111

The use of surveying instruments, basic computations, methods and procedures of U. S. public land surveys.

Engineering Mechanics — Mathematics 231, 232

Credit, 2 semester hours each semester. Prerequisite, Mathematics 112

Statics in the first semester, slide rule, various types of force systems, graphic and analytical methods for determining stress, centroids and moments of inertia; dynamics in the second, rectilinear and curvilinear motion, rotation, plane motion, work, energy and power.

Ordinary Differential Equations — Mathematics 301

Credit, 3 semester hours. Prerequisite, Course 212

Advanced Mathematical Topics for Scientists — Mathematics 304

Credit, 3 semester hours

Fourier series, boundary value problems, transforms, Bessel and Legendre polynomial, orthogonal and orthogonal functions and methods for solution for partial differential equations.

Higher Algebra — Mathematics 333, 334

Credit, 3 semester hours each semester. Prerequisite, Course 212, or permission of the instructor

Elements of Statistics — Mathematics 371

Credit, 2 semester hours. Required for psychology and sociology majors

Advanced Calculus — Mathematics 401, 402

Credit, 3 semester hours each semester. Course 212 is prerequisite to 401, and 401 to 402



Vector Analysis — Mathematics 431

Credit, 3 semester hours. Permission of the instructor required

Introduction to Mathematical Statistics — Mathematics 433, 434

Credit, 3 semester hours each semester. Prerequisite, Course 212.

Directed Study and Conference—Mathematics 491, 492

Credit, 2 to 4 semester hours. Open only to qualified students

Seminar — Mathematics 493, 494

Credit, 2 semester hours

The School of Music

Professors Rodgers (Director), Jacobsen, Fisher; Associate Professor Ostransky; Assistant Professors Myles, Wheeler, Oncley, Patterson, Seferian; Instructors Herlinger, Margelli, Meddaugh, Plute

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 Orchestra, whose membership consists of university students and residents of the community; Tacoma 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; 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 Music) 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:

	<i>Semester Hours</i>
Bachelor of Music, with Major in Cello or Violin:	
Violin or Cello ¹	32
2 Lessons per week, 3 or more hours of practice daily, 4 credits per semester.	
Piano.....	4
Theory 101, 102; 201, 202; 301, 302; 309, 310.....	26
Music Literature 303, 304.....	6
Conducting 307, 308.....	4
Ensembles ²	4
Music Electives.....	4
	—
	80

Bachelor of Music, with Major in Organ:	
Organ ¹	32
2 lessons per week, 3 or more hours of practice daily, 4 credits per semester.	
Piano ³	4
Theory 101, 102; 201, 202; 301, 302; 309, 310.....	26
Music Literature 303, 304.....	6
Conducting 307, 308.....	4
Ensembles.....	2
Music Electives, must include 4 hours of music literature.....	6
	—
	80

	<i>Semester Hours</i>
Bachelor of Music, with Major in Voice:	
Voice ¹	32
2 lessons per week, 2 or more practice hours daily, 4 credits per semester.	
Piano.....	4
1 lesson per week, 1 credit per semester.	
Theory 101, 102; 201, 202; 301, 302.....	20
Music Literature 303, 304; 431, 432 or 433, 434.....	10
Conducting 307, 308.....	4
Ensemble ²	4
Music Electives.....	6
	—
	80

	<i>Semester Hours</i>
Bachelor of Music, with Major in Piano:	
Piano ¹	32
2 lessons per week, 3 or more hours practice daily, 4 credits per semester.	
Theory 101, 102; 201, 202; 301, 302; 309, 310.....	26
Music Literature 303, 304.....	6
Conducting 307, 308.....	4
Ensembles, Piano Ensembles and other ensembles.....	4
Accompanying 251, 252.....	2
Music Electives.....	6
	—
	80

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; 301, 302; 309, 310; 315, 316; 401, 402.....	34
Music Literature 303, 304; 431, 432 or 433, 434.....	10
Conducting 307, 308.....	4
Ensembles.....	6
Music Electives, must include other theoretical studies under 501, 502.....	10
	—
	80

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) ⁵	2
1 lesson per week, 1 or more hours of practice daily, 1 credit per semester.	
Theory 101, 102; 201, 202; 309*, 312*.....	22
Music Literature 303, 304.....	6
Conducting 307, 308*.....	4
Ensemble ⁶	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. It 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.
- (2) Professional Requirements: Education 201, 202, 345, 349, 350, 401, 417, September Experience.

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:

- (1) Non-Professional Requirements: Speech 101.
- (2) Professional Requirements: Education 201, 202, 347, 403, 417, September Experience.

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.
- (2) Professional Requirements: Education 201, 202, 345, 347, 349, 350, 401, 403, 417, September Experience.

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.

Bachelor of Music, with a Major in Church Music, concentrating in Voice or Organ:	Semester Hours
Voice or Organ (Major Instrument).....	24
Freshman and Sophomore years: 2 lessons per week, 1 or more hours of practice daily, 2 credits per semester.	
Junior and Senior years: 2 lessons per week, 2 or more hours of practice daily, 4 credits per semester.	
Secondary Applied Instrument ⁷	2
Theory 101, 102; 201, 202.....	16
Music Literature 303, 304.....	6
Church Music 213, 214; 313, 314; 349, 350 (for organists); 414; 415, 416.....	12-14
Conducting 307, 308.....	4
Ensemble ²	6
Music Electives.....	4
	—
	74-76

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.....	8
1 lesson per week, 1 or more hours of practice daily, 1 credit per semester.	
Theory 101, 102.....	8
Music Literature 103, 104; 303, 304; 431, 432; or 433, 434.....	14
Music Electives.....	4
	—
	34

*Elementary teachers omit Music 308, 309, 312, 479, 480.

¹Up to 6 credit hours may be waived by special examination.

²Ensemble required each semester of residence.

³Unless waived by special examination.

⁴At 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.

⁵Generally piano, except when piano is the major instrument.

⁶At 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.

⁷Piano or organ if the concentration is voice; voice if the concentration is organ.

Music Major for the Bachelor of Arts with a concentration in Church Music and Religious Education:		Semester Hours
Applied Music	8	
Theory 101, 102	8	
Music Literature 103, 104	4	
Church Music 213, 214; 313, 314; 414; 415, 416	14	
Conducting 307, 308	4	
Ensemble ²	2	
Music Electives	4	
	—	
		44

Music Minor for the Bachelor of Arts:		Semester Hours
Applied Music	4	
Music Literature 103, 104	4	
Music Electives, including 2 upper-level hours	8	
	—	
		16

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, 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.

²Candidates 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 *minor* thesis for which three hours of credit will be given.

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 from the upper-level division.

	Semester Hours
Applied Music	6
4 semester hours of the major instrument and 2 semester hours of a minor instrument.	
Stylistic Analysis 513	3
Research and Bibliography 509	3
Music History and Literature (Elective)	4
Graduate Seminar in Music Education 577	3
Thesis ⁸ 597, 598	6
Electives	7
Any upper-level or graduate level courses offered by the University with the approval of the advisor.	—
	32

Master of Music in Applied Music:

Applied major performance field	8
Ensemble (selected from upper level undergraduate courses)	2
Recital Music 522	4
Special Studies 501, 502	4
Research and Bibliography 509	3
Graduate Seminar and Thesis 510	2
Stylistic Analysis 513	3
Pedagogy of Major Instrument or Voice 551	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 proficiency in 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 repertoire 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 repertoire of the organ literature of all schools, classic, romantic, and modern, of the degree of difficulty indicated 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.

¹⁰A 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.

	Semester Hours
Composition 515	5
Historical Survey of Theory 516	3
20th Century Composing Techniques 511	3
Stylistic Analysis 513	3
Ensemble or Accompanying (upper level undergraduate course)	2
Special Studies 501, 502	4
Research and Bibliography 509	3
Graduate Seminar and Thesis ¹⁰ 510	2
Electives	7
May be chosen from Music, or Arts and Sciences with the approval of the major advisor.	—
	32

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 graduate courses.

I. THEORY

First-Year Theory — Music 101, 102

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

Second-Year Theory — Music 201, 202

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 century. Five periods weekly plus one weekly period of aural drill.

Analysis of Form and Texture in Music — Music 301, 302

Credit, 2 semester hours. Prerequisite, Courses 201, 202. Offered in alternate years. Given in 1963-64.

Analytical technique involving the smaller forms of musical composition as well as the variation, rondo and sonata-allegro forms.



Orchestration — Music 309

Credit, 3 semester hours. Prerequisite, Courses 201, 202. Offered in alternate years. Given in 1964-65.

Study of instrumentation; scoring for classical and romantic orchestra. Three periods weekly. Attendance at certain orchestra and band rehearsals required.

Orchestration (For Bachelor of Music Students Other Than Music Education Majors) — Music 310

Credit, 3 semester hours. Prerequisite, Course 309. Offered in alternate years. Given in 1964-65.

Scoring for the modern orchestra, and of original compositions. Three periods weekly. Attendance at certain orchestra rehearsals required.

Band Arranging (For Music Education Majors) — Music 312

Credit, 3 semester hours. Prerequisite, Course 309. Offered in alternate years. Given in 1964-65.

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.

Composition — Music 315, 316

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.

Advanced Composition — Music 401, 402

Credit, 2 semester hours each semester. Prerequisite, Courses 315, 316

A continuation of Courses 315 and 316. Three periods weekly.

II. HISTORY AND LITERATURE

Introduction to Music Literature — Music 103, 104

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.

Anatomy of Jazz—Music 115

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.

History of Music in Western Civilization — Music 303, 304

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.

History of Opera — Music 331

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.

History of Music in America — Music 332

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., etc. to a detailed study of music written by American composers since 1900. Foreign influences and early American musical organizations will also be considered.

Survey of Renaissance Music (1300-1600) — Music 431

Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 303, 304. Offered in alternate years. Given in 1964-65.

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.

Survey of Baroque Music (1600-1750) — Music 432

Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 303, 304. Offered in alternate years. Given in 1964-65.

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.

Survey of Classic and Romantic Music (1730-1900) — Music 433

Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 303, 304. Offered in alternate years. Given in 1963-64.

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.

Survey of Contemporary Music (1900-) — Music 434

Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 303, 304. Offered in alternate years. Given in 1963-64.

A survey of styles and trends in contemporary music from Debussy and impressionism to recent developments. Two lecture periods weekly and one listening period.

III. CHURCH MUSIC

Introduction to Church Music — Music 213

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.

Hymnology — Music 214

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.

Church Music Administration — Music 313, 314

Credit, 2 semester hours each semester

The multiple choir program; choir promotion and organization; methods and materials for junior, youth, adult and community choirs; music in the church school. Field work is required throughout the year involving the organization and direction of a junior or youth choir in a local church program.

Service Playing — Music 349, 350

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.

Music and Worship — Music 414

Credit, 2 semester hours

Designed to follow Religion 363 (Worship). Will treat the function of music in worship; techniques in worship and experiments in new forms. Campus religious services will be a workshop project for this course. Two periods weekly.

Practical Ministry of Music — Music 415, 416

Credit, 1 semester hour each semester

Arrangements to be made at the end of the junior year with a local church where the student will have the responsibility for a specified part or all of the church's music program under the supervision of the Church Music faculty.

IV. CONDUCTING, CHORAL, INSTRUMENTAL ENSEMBLE AND PEDAGOGY CLASSES

Accompanying — Music 251, 252

Credit, 1 semester hour each semester. Permission of instructor required

Designed to give pianists the opportunity to accompany vocalists and instrumentalists under faculty supervision.

Conducting — Music 307, 308

Credit, 2 semester hours each semester

First semester: Basic conducting techniques, elements of choral direction and choral analysis. Second semester: Instrumental conducting.

Piano Ensemble — Music 351

Credit, 2 semester hours each semester

Opera Workshop—Music 353, 354

Credit, 1 semester hour each semester. Permission of instructor required.

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

Piano Pedagogy — Music 451, 452

Credit, 2 semester hours each semester. Permission of instructor required

Band

Credit, 1 semester hour each semester

B169, B170; B269, B270; B369, B370; B469, B470. First, second, third and fourth years of University Band.

Orchestra

Credit, 1 semester hour each semester

O169, O170; O269, O270; O369, O370; O469, O470. First, second, third and fourth years of UPS-Tacoma Symphony Orchestra.

Small Ensemble

Credit, 1 semester hour each semester

S169, S170; S269, S270; S369, S370; S469, S470. First, second, third and fourth 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. First, second, third and fourth years of Choral Society.

University Madrigal Singers

Credit, 1 semester hour each semester. Permission of instructor required

M169, M170; M269, M270; M369, M370; M469, M470. First, second, third and fourth years of University Madrigal Singers.

Adelphian Concert Choir

Credit, 2 semester hours each semester. Admission by audition only. Daily rehearsals of 50 minutes

271, 272; 371, 372; 471, 472; 571, 572. First, second, third and fourth years of Adelphian Concert Choir.

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.

Fundamental Music Experiences — Music 177

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.

Methods of Teaching Brass and Percussion Instruments — Music 279*Credit, 1 semester hour*

Laboratory classes in the playing, teaching methods and materials of all brass and percussion instruments.

Methods of Teaching Woodwind Instruments — Music 280*Credit, 1 semester hour*

Laboratory classes in the playing, teaching methods and materials of all woodwind instruments.

Elementary School Music and Vocal Methods—Music 377*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 the materials for a vocal program and for the elementary rhythmic band. This course designed primarily for the classroom teacher.

Elementary and Junior High School Music and Vocal Methods (For Music Education Majors)—Music 378*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.

Methods of Teaching String Instruments — Music 379*Credit, 1 semester hour*

Laboratory classes in the playing, teaching methods and materials of the violin, viola, cello and bass.

Choral Techniques — Music 479*Credit, 1 semester hour.*

Class study of the organization, rehearsal techniques and materials for all types of vocal ensembles.

Band Techniques — Music 480*Credit, 1 semester hour*

Class study of the organization, rehearsal techniques, and materials for all levels of band: concert, elementary and marching.

¹¹Class 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.

VI. 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.

Piano¹¹: 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 holiday cannot be made up. No make-up lessons for absences unless absence is due to illness.

VII. GRADUATE COURSES**Special Studies — Music 501, 502***Credit, 1 or 2 semester hours each semester. Permission of the Director of the School is required*

Designed to offer advanced music students the opportunity to do individual study, under faculty supervision, in areas in which the student shows exceptional aptitude and keen interest. This includes counterpoint, historical and comparative musicology, and acoustics.

Research and Bibliography — Music 509*Credit, 3 semester hours*

An introduction to the general methods and specific techniques of musicological 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.

Graduate Seminar and Thesis — Music 510*Credit, 2 semester hours***Twentieth Century Composing Techniques — Music 511***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.

Stylistic Analysis — Music 513

Credit, 3 semester hours

Graduate Composition — Music 515

Credit, 5 semester hours

Historical Survey of Theory — Music 516

Credit, 3 semester hours

Graduate Recital — Music 522

Credit, 3 or 4 semester hours

Pedagogy of Major Instrument or Voice — Music 551

Credit, 1 semester hour

Principles of vocal or instrumental teaching. Each enrollee will teach at least two students under faculty supervision.

Graduate Seminar in Music Education — Music 577

Credit, 3 semester hours

Thesis — Music 597, 598

Credit, 3 semester hours each semester

Natural Science

Professors Alcorn, Fehlandt, Nelson, Associate Professor Anderson

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 6, 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:

SCIENCE MAJOR

Chemistry

Chemistry	24
Mathematics	8
Physics	10
Geology	8

or

Biology	6
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50 or 48

Physics

Physics	24
Mathematics	16
Chemistry	10
Biology	6

or

Geology	8
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56 or 58

Biology

Biology	30
Mathematics	8
Chemistry	10
Physics	10

or

Geology	8
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58 or 56

Geology

Geology	24
Mathematics	8
Chemistry	10
Physics	10

or

Biology	6
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52 or 58

School of Occupational Therapy

Assistant Professors Waggoner (Director), Brust;
Instructors Hager, Preston

The School of Occupational Therapy had its beginning at the University of Puget Sound in 1944 through the sponsorship of the Washington Tuberculosis Association. The curriculum of the school has been fully approved since 1947 by the American Medical Association and the American Occupational Therapy Association. Graduates of the school now occupy positions in army and veterans hospitals, as well as in civilian tuberculosis sanatoria, psychiatric hospitals, 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. Typically, the occupational therapist works with his hands as well as his mind, as the treatment "tools" of the occupational therapist are the creative and manual arts, recreational and educational activities, and activities of daily living. Supervisory and administrative positions particularly call for a high degree of initiative and resourcefulness because of the rapid growth and continued development of the profession.

Previous to World War II, occupational therapy was predominantly a profession for women, but the last decade has brought increasing demands for men therapists in both civilian and military hospitals.*

Because occupational therapy is a medical-service profession, the University must reserve the right to close the course at any time to a student deemed scholastically, physically or emotionally unfit for the profession. Students who wish to enter the course should make application to the Director of Admissions, University of Puget Sound. The application should clearly state that the student is applying for admission to the occupational therapy course so that the particular requirements of the course are considered. All transfer students or students past the usual college entrance age will be asked to take a series of vocational aptitude tests before final acceptance in the course, in addition to providing information through personal interviews, college transcripts and letters of reference.

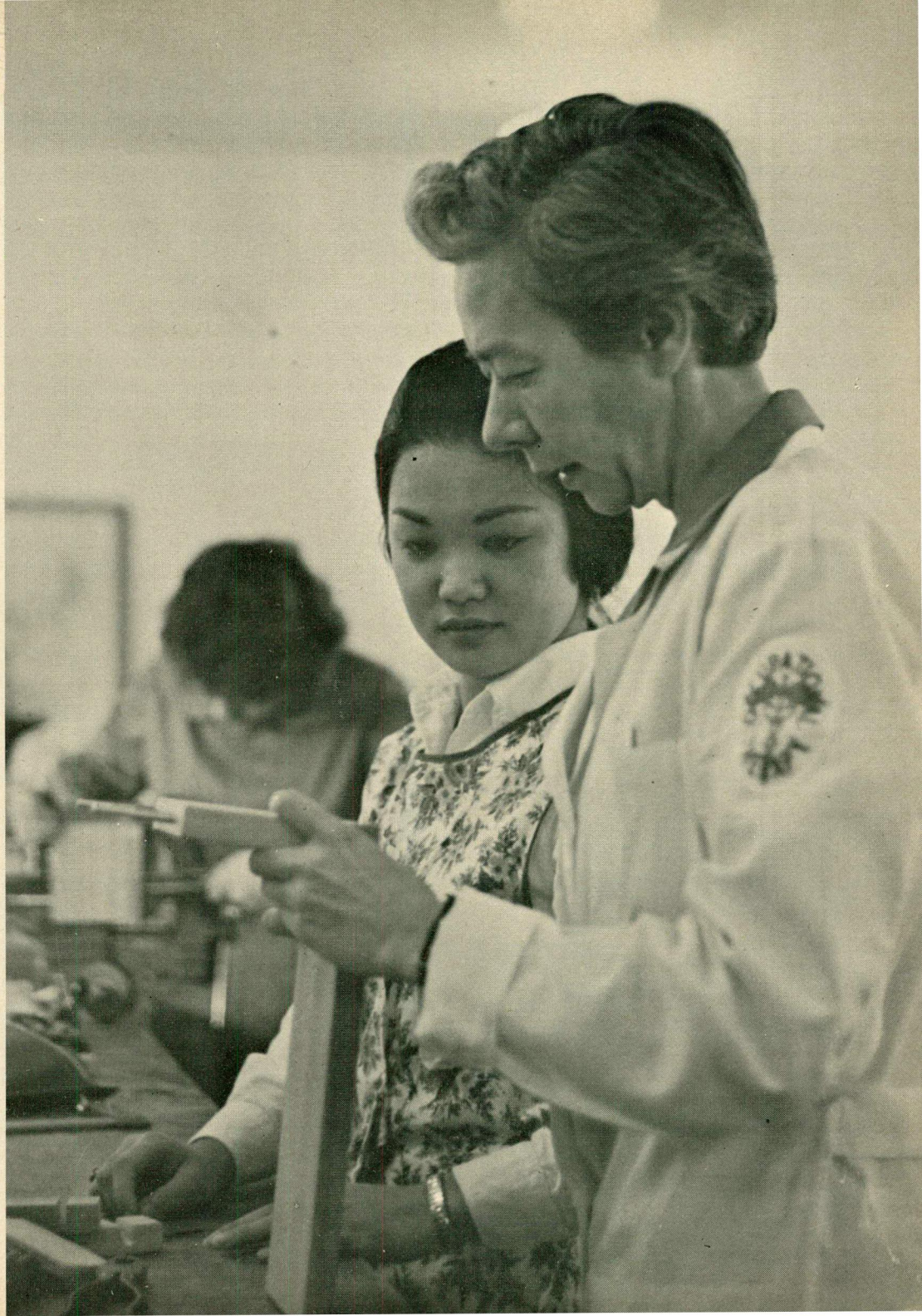
Fees for occupational therapy students are the same as for other students in the University with the addition of a \$100 professional fee to defray in part the cost of the clinical-affiliation program. Unless otherwise arranged this fee is billed to the student during his last four semesters in residence at the University.

Inquiries regarding general scholarships for entering freshmen should be directed to the Director of Admissions. Special occupational therapy scholarships, grants and loans are available through the University, but are reserved for students who have been in residence for at least one semester. Other occupational therapy scholarships are occasionally available for entering students through community organizations which sponsor health-service programs. The Director of Occupational Therapy will supply any available information on request.

The following three 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 when the student has completed the college requirements for the academic degree as well as the professional course. Students in this course are usually advised to complete a minor in psychology, but the Director of Occupational Therapy will approve a minor in another suitable field of study, such as music, recreation, or art. The following outline of courses is intended as a guide. All programs of study are planned or approved by the Director according to individual needs and interests of the student and the mini-

*Recent legislation opens both the Army and Air Force for male Occupational Therapists as commissioned officers in the Medical Specialist Corps.



imum curriculum-essentials established by the Council on Medical Education and Hospitals of the American Medical Association.

Art 101 or 103, 247, 339

Biology 101, 102, 221, 222

Home Economics 328

OT Skills 181, 182, 214, 315, 317, 319

OT Theory 101, 104, 211, 304, 312, 401, 402, 470

O.T. Medical Science and Clinical Subjects 377, 378, 421, 459, 460

Psychology 201, 311

Sociology 201

Plus: University requirements for a bachelor's degree, excluding the foreign language requirement.

Electives in O.T. skills from other departments in University
Electives

O.T. 500, Clinical affiliations

2. **ADVANCED-STANDING COURSE:** This program is open only to graduates with degrees in related fields. The course must be started with the summer session unless the student has recently completed certain of the professional preparation courses. Total time in residence is usually one summer session plus the regular academic year.
3. **SPECIAL COURSE:** This course requires approximately three years of college-level work. The student in this course completes all professional course-requirements but does not complete the requirements for the academic degree. Admission to the course is granted only to specially qualified applicants.

The instruction in clinical subjects is given by qualified physicians under the guidance of a *Medical Advisory Board* composed of physicians from the Pierce County Medical Society. Through cooperation of the participating physicians and local hospitals, the students receive part of this instruction in special clinics that are held in the hospitals. Under-graduate 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 schools.

All students in occupational therapy register for a minimum of nine months of clinical affiliation after they complete their academic preparation in residence at the University. Students with proper prerequisites may take three months of their clinical affiliation in the summer months between their junior and senior year, thus shortening their period after graduation. This clinical affiliation or internship is arranged by the Supervisor of Clinical

Affiliations in three or four different types of hospitals and/or rehabilitation clinics giving the student the opportunity for actual experience in planning and administering occupational therapy under the guidance and supervision of experienced registered occupational therapists. The student may take all of his affiliations in Washington and Oregon or he may combine travel with study and choose from approved hospitals and clinics affiliated with the University in the continental United States and Hawaii. Many of the institutions provide full maintenance for the occupational therapy students in affiliation so the principle expense is transportation.

Upon satisfactory completion of both Academic preparation and clinical affiliation, the student is eligible to take the National Registration Examination given biannually through the American Occupational Therapy Association at the University, and is also awarded a Certificate in Occupational Therapy by the University. This certificate is a statement rather than an academic degree from the University certifying that the student has satisfactorily completed the minimum curriculum essentials as established by the Council on Medical Education and Hospitals of the American Medical Association and the American Occupational Therapy Association.

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

Occupational Therapy 101, 104, 211, 304, 312, 401, 402, 421, 459, 460, 470 are professional courses open only to department majors. Occupational Therapy 181, 182, 214, 315, 317, 319 are open to any student in the University, but first preference for registration must be given to department majors.

Introduction to Occupational Therapy — Occupational Therapy 101

Credit, 1 semester hour

A survey of the history and development of occupational therapy, with slides and films used to portray current trends in treatment. Introduction to basic professional ethics and elementary professional terminology.

Orientation — Occupational Therapy 104, 211, 312

Credit, 1 semester hour each semester. Prerequisite, Course 101

Thirty hours per course in occupational therapy departments of local hospitals and schools for observation and instruction by registered occupational therapists.

Minor Crafts — Occupational Therapy 181, 182, 214

Credit, 2 semester hours each semester

Survey of minor crafts with emphasis on their practical application in occu-

pational therapy and recreation programs. Special attention is given in Course 214 to leatherwork, basketry, and needle arts.

Occupational Therapy in Psychiatry — Occupational Therapy 304

Credit, 1 semester hour. Prerequisites, Psychology 311, and Clinical Psychiatry.

A study of techniques of occupational therapy treatment specifically related to the mentally-ill patient.

Weaving — Occupational Therapy 315

Credit, 3 semester hours

Study of basic techniques of harness-loom weaving. Students set up and weave samples of a wide variety of conventional weaves which have specific application in occupational therapy treatment.

Woodworking — Occupational Therapy 317

Credit, 3 semester hours

Construction of assigned projects which are selected to give a basic elementary knowledge of a wide variety of woodworking techniques with hand and power tools.

Techniques of Group Leadership — Occupational Therapy 319

Credit, 3 semester hours. Prerequisites, Psychology 201, Sociology 201

Lecture and laboratory experience in the application of techniques of group leadership in selected situations available in the community.

Special Problems — Occupational Therapy 340

Credit, 1 or 2 semester hours

Special programs for the advanced student.

Kinesiology — Occupational Therapy 377, 378

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.

Advanced Theory — Occupational Therapy 401, 402

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 study of teaching-skills, prin-

ciples of departmental organization and administration, principals of personnel supervision and professional reporting as related to the occupational therapy field.

Applied Functional Anatomy—Occupational Therapy 421

Credit, 1 semester hour

A course for O. T. majors for review of Skeletal, Muscular and Nervous systems with special emphasis on practical application in Occupational Therapy.

Clinical Subjects — Occupational Therapy 459, 460

Credit, 5 semester hours first semester, 3 semester hours second semester

Lectures and clinics covering the medical fields: neurology and neuro-anatomy, psychiatry, general medicine and surgery, orthopedics, cardiology, cerebral palsy, ophthalmology, plastic surgery, and tuberculosis.

Rehabilitation of the Handicapped — Occupational Therapy 470

Credit, 2 semester hours

Principles and practice of rehabilitation in all disability fields. Guest lecturers, field trips and motion pictures.

Clinical Affiliations — Occupational Therapy 500

Credit, 2 semester hours for each month of internship

Nine to twelve months of hospital internship in selected and approved medical hospitals, rehabilitation centers and community workshops, of which the three months in Psychiatry may be taken between the junior and senior years, with proper prerequisites.

Philosophy

Professors Regester (Chairman), Magee

A major should include Courses 205, 206, 263, 264, 307 and 371. In addition to the course-requirement, an examination in the senior year in a list of basic philosophic writings prescribed by the department will be expected.

A minor should include Courses 205, 206, 263, 307 and 371.

No course before 264 has a prerequisite.

A good knowledge of psychology and of a natural science is expected of majors and minors in the department.

Philosophical Interpretations of the Western Religious Consciousness—Philosophy 101

Credit, 3 semester hours. Acceptable to meet the University's religion re-

quirement 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.

Introduction to Philosophy — Philosophy 204

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 its significant thinkers.

History of Philosophy — Philosophy 205, 206

Credit, 3 semester hours each semester

The history of man's attempt to secure a rational interpretation of the universe and of his relation to it and to his fellowmen. The first semester covers the period from the rise of Greek Philosophy through the Middle Ages; the second semester continues the study from the Renaissance to contemporary time.

The Principles of Reasoning — Philosophy 263, 264

Credit, 2 semester hours each semester. Course 263 is prerequisite to 264

A study of the methods of inquiry which lead to reliable knowledge. Attention is given to common fallacies, formal reasoning, inductive procedures in the natural and social sciences, semantics, and a logic of evaluation.

Contemporary Philosophy — Philosophy 307

Credit, 3 semester hours. Open only to students who have had history of philosophy. Offered in alternate years. Given in 1964-65.

A consideration of the problems which occupy the center of interest in present philosophical speculation and of the trend of thought in modern philosophy.

Philosophical Studies — Philosophy 331, 332

Credit, 2 semester hours in a semester

Normally these studies will be concerned, in rotation, with existentialism, analytic philosophy, or process philosophy. Occasionally other subjects will be taught under this heading.

Ethics — Philosophy 371

Credit, 3 semester hours

A study of the major classical and modern theories of the right and the

good, with application to contemporary personal and social problems.

Social Ethics — Philosophy 372

Credit, 3 semester hours

An application of the principles of ethics to modern social problems.

History of Political and Social Thought — Philosophy 413, 414

See Political Science 413, 414.

Philosophy of Science — Philosophy 432

Credit, 2 semester hours. Offered in alternate years. Given in 1964-65.

An introduction to the problems of scientific knowledge and their bearing on the fate of man in modern times.

Aesthetics — Philosophy 443

Credit, 3 semester hours. Offered in alternate years. Given in 1963-64.

An introduction to classical and modern discussions of the nature of art, to the problems in the production and appreciation of works of art, and to aesthetic evaluation and experience generally. Examples from the several arts are studied in the light of the discussions.

Philosophy of Religion — Philosophy 482

See Religion 482.

Reading in Philosophy — Philosophy 491, 492

Credit and time to be arranged. Open only to advanced students with the approval of the instructor

Individual study on selected topics, with reading, written reports, and conferences.

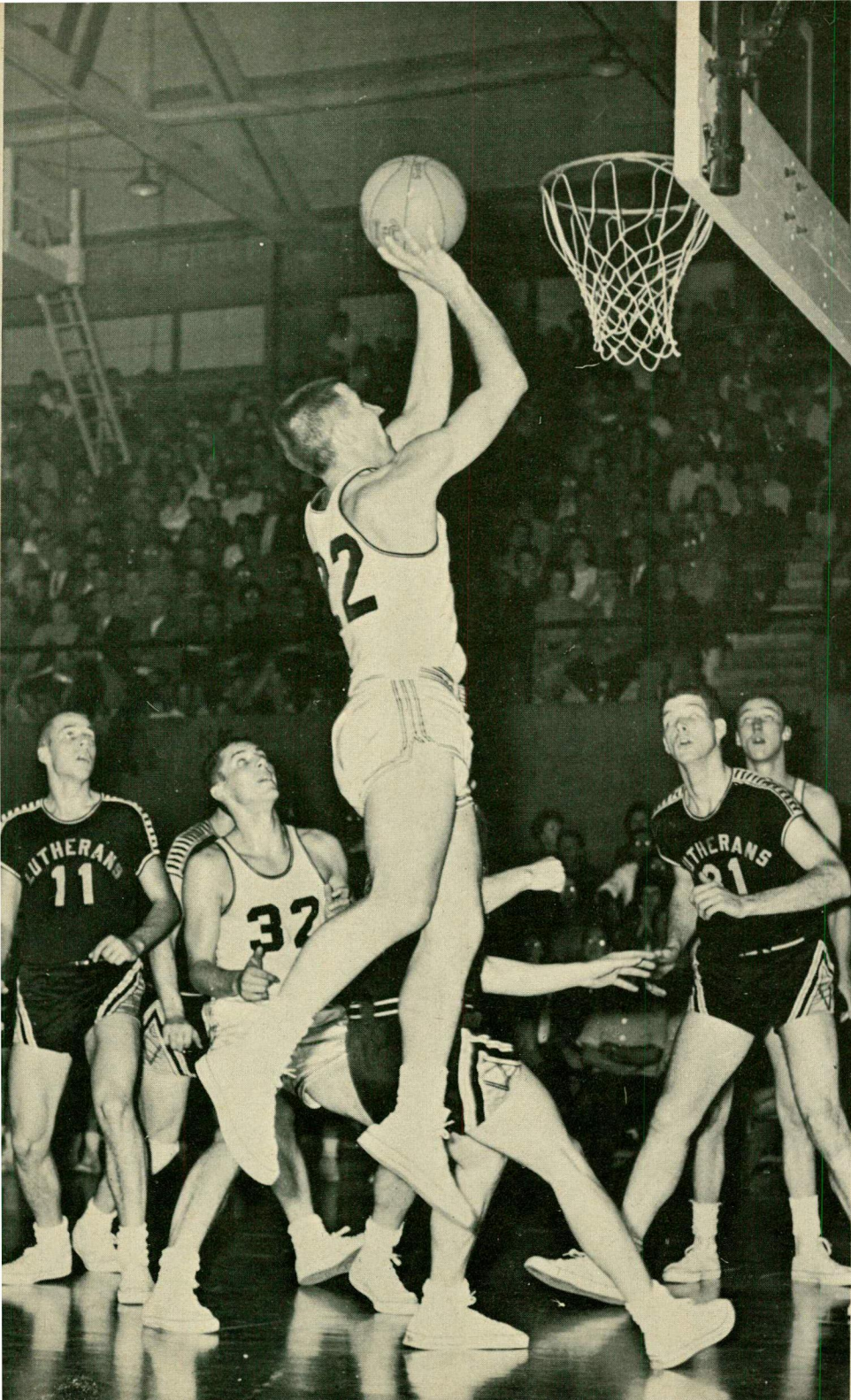
Philosophy of Education — Philosophy 516

See Education 516.

Physical Education, Health and Recreation

Associate Professors Heinrick (Chairman), Bond; Assistant Professor T. Lantz; Instructors Duncan, McDonell, Wilkerson; Assistant in Physical Education Bare

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. Some health examinations are given students periodically by the University physician and staff.



Consultation with the doctor and health advice are available to students without cost. The University does not maintain an infirmary, however, or provide medical service in illness.

Provisions are made in the physical education program for each student to participate in team games with fellow students of his own ability and to develop skills in sports which can be carried on after college. Voluntary participation of every student in some intramural, class or varsity sport each semester is encouraged for both men and women.

At least five semesters of physical education activity must be taken by all students.

All male freshmen *must* take P.E. 1 and P.E. 2. Sophomore men will take P.E. 3 either semester. The remaining two credits may be acquired through participation in Air Science, Varsity Athletics, or through the co-educational sports handled by the Women's Physical Education department. Air Science 101, 102, 201 and 202 will each satisfy one-half credit hour of the men's physical education requirement. Thus, four semesters of Air Science will substitute for two of the five P.E. requirements. They will *not* substitute for P.E. 1, P.E. 2, and P.E. 3.

A major in physical education must include Courses 105, 221, 222 (prerequisite, Biology 101, 102), 268, 365, 372, 375, 377 and 378, for all students. In addition, a major in physical education for men must include Courses 121, 124, 331, and 332. Courses 33, 84, 234, 349 and 437 are also recommended. A major in physical education for women must include Courses 62, 66, 71, 84, 251, 252, 348, 351, 352, 367, and 458 or an equivalent Education course. Courses 151, 152, 181, 186, and 385 are additionally recommended.

Requirements in education for certification to teach in the public schools are listed under the subject of education. Practice-teaching should be done in an academic subject as well as in physical education.

A minor in physical education for men must include Courses 105, 121, 124, 268 and 372.

A minor in athletic coaching for men is offered which includes Courses 124, 227, 234, 268, 331, 332 and 437. After a student completes the requirements for the minor, an "Athletic Coaching Certificate" is filed with his teaching credentials.

A minor in physical education for women should include Courses 105, 251, 252, 268, 351, 352, and 372.

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 recreational skills to be acquired are arts and crafts, games and sports, dancing, dramatics, music and social recreation.

I. PHYSICAL EDUCATION ACTIVITY COURSES

Activity Courses for Men

First-Year Activity (Compulsory) — Physical Education 1, 2

Credit, 1 semester hour each semester. Required of all freshmen

This course is intended to introduce the student to a range of activities with both immediate and continued recreational interest and physical value. At registration, freshmen will be given a classification test and will take either 1 (gym activity) or 2 (swimming activity) first semester, depending upon the results of the test. Second semester, the freshman student will take whichever course (1 or 2) he did not take in the preceding semester.

Second-Year Activity (Compulsory) — Physical Education 3

Credit, 1 semester hour. May be taken either semester. Required of all Sophomores

This course is intended as a continuation of the gym activity course (P.E. 1) for freshmen, and will allow the student to improve his abilities in recreational activities. Emphasis will be placed on volleyball, badminton, golf, horseshoes, and handball.

Third-Year Activity — Physical Education 4, 5

Credit, 1 semester hour each semester

Students are to continue their activities in the sports emphasized in P.E. 3, upon arrangement with the instructor, or they may substitute two of the co-educational courses listed, 71, 79, 84, and 91 through 97.

Restricted Activity — Physical Education 13, 14

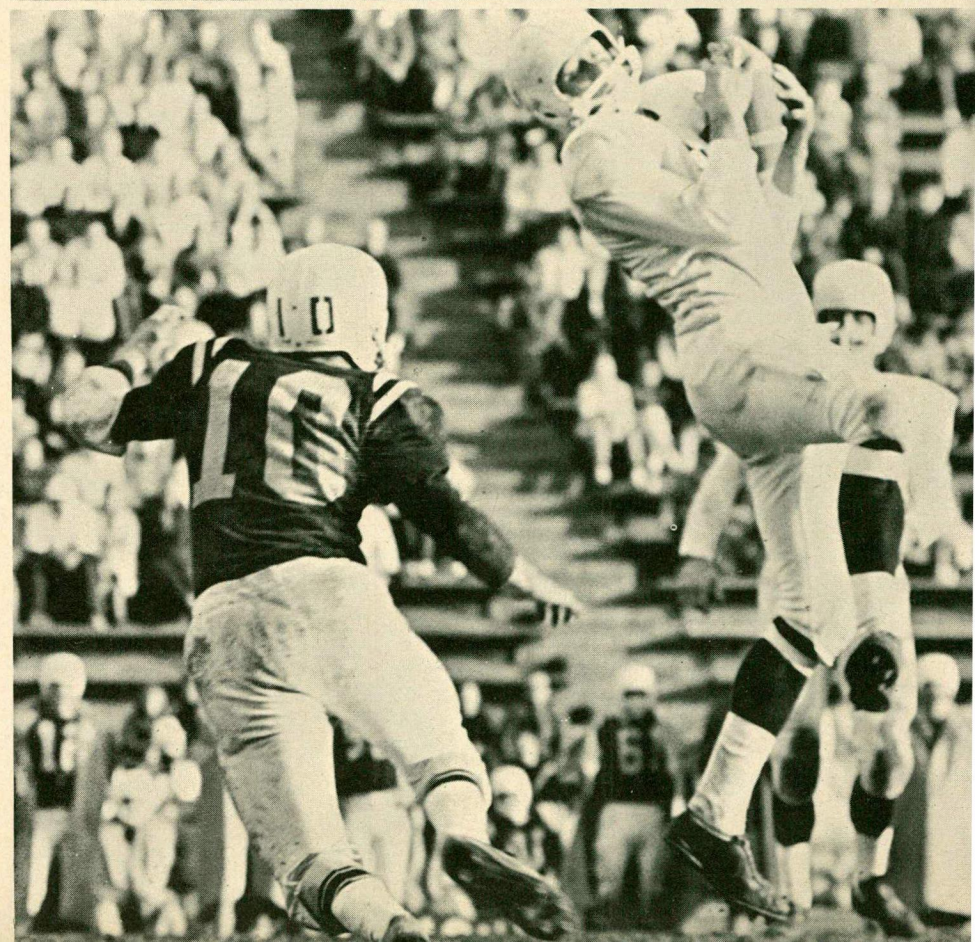
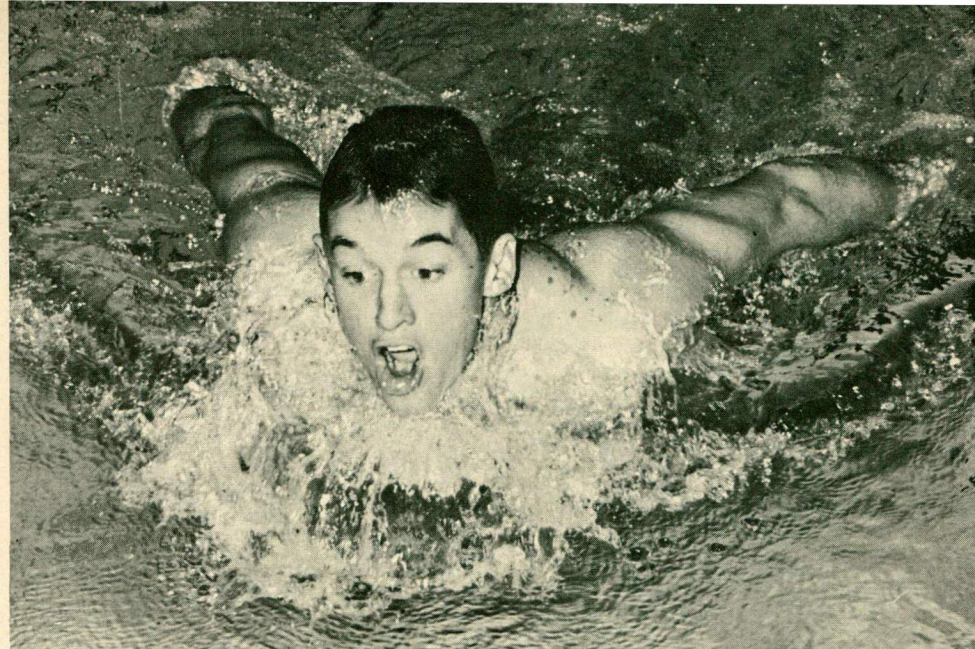
Credit, 1 semester hour each semester

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.

Intercollegiate Sports Program — Physical Education 21 to 29

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 three semesters of the P.E. 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.



Swimming — Physical Education 2, (Compulsory) 32, 33, 84*Credit, 1 semester hour each semester*

One of these courses (P.E. 2) must be taken as one of the required semester's activity for freshmen. This course will be divided into Beginning and Intermediate Swimming according to the needs of the students. The other courses, P.E. 32 (Intermediate), 33 (Advanced), and 84 (Life Saving), may be elected by upperclassmen to fulfill the requirement for semesters 4 and 5 in physical education activity. Recreational swimming for students is available throughout the year without credit.

Activity Courses for Women**Physical Education 50 to 98***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 five 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 and Advanced
66. Archery, Beginning
71. *Square and Folk Dance
72. Modern Dance, Beginning
73. Modern Dance, Intermediate
74. Modern Dance, Advanced
76. Gymnastics and Tumbling, Beginning
77. Gymnastics and Tumbling, Intermediate
79. Posture Training
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

II. HEALTH AND HYGIENE (Men and Women)**Hygiene — Physical Education 105***Credit, 2 semester hours**See Biology 105***Anatomy — Physical Education 221***Credit, 3 semester hours**See Biology 221. Prerequisite, Biology 101 and 102***Physiology — Physical Education 222***Credit, 3 semester hours**See Biology 222***First Aid — Physical Education 268***Credit, 2 semester hours*

Those completing this course satisfactorily will receive the Standard and Advanced First Aid Certificates issued by the American Red Cross.

Health Education & P.E. in the Elementary Schools — Physical Education 365*Credit, 2 semester hours***Health Education in the Secondary Schools — Physical Education 375***Credit, 2 semester hours***Kinesiology — Physical Education 377, 378**

Credit, 3 semester hours first semester, 2 semester hours second semester. Prerequisite, Biology 221, 222.

*See Occupational Therapy 377, 378.***III. PHYSICAL EDUCATION — Professional Courses****Tumbling and Apparatus — Physical Education 121 (Men)***Credit, 2 semester hours*

The techniques of tumbling and apparatus.

*Activity courses thus marked are co-educational. †There is a special fee for courses thus marked, as they are given off-campus.

Minor Sports — Physical Education 124 (Men)*Credit, 2 semester hours*

Source materials, theory and practice in school physical education activities — tennis, badminton, golf, softball, volleyball, speedball, etc.

Freshman Technique — Physical Education 151, 152 (Women)*Credit, 1 semester hour each semester*

Two activities and a lecture period.

Training Aids — Physical Education 227 (Men)*Credit, 2 semester hours*

Theory, and technique of taping, massaging, and care of muscular bruises.

Methods of Officiating Sports — Physical Education 234 (Men)*Credit, 2 semester hours***Sophomore Technique — Physical Education 251, 252 (Women)***Credit, 1 semester hour each semester*

Two activities and a lecture period.

Techniques of Group Leadership — Physical Education 319*Credit, 3 semester hours. Prerequisites, Psychology 201, Sociology 201*

See Occupational Therapy 319.

Major Sports — Physical Education 331, 332 (Men)*Credit, 2 semester hours each semester*

Methods of teaching football and track are covered in the first semester; methods of teaching basketball and baseball in the second.

Methods of Teaching Swimming — Physical Education 348 (Women)*Credit, 3 semester hours. Prerequisite, Senior Life Saving***Water Safety Instructor's Course — Physical Education 349 (Men & Women)***Credit, 2 semester hours. Prerequisite, Advanced Swimming and Senior Life Saving*

American Red Cross water-safety instructor's course.

Methods of Teaching Sports — Physical Education 351, 352 (Women)*Credit, 2 semester hours each semester*

The techniques of teaching and officiating hockey, soccer, speedball, and volleyball are covered in the first semester; basketball, individual sports and softball are covered in the second.

Methods of Teaching Square and Folk Dancing—Physical Education 367 (Men & Women)*Credit, 2 semester hours. Prerequisite, Course 71***Physical Education in the Secondary School — Physical Education 372 (Men & Women)***Credit, 3 semester hours*

Methods, principles, organization and administration of physical education at the high school level.

Psychology of Athletic Coaching — Physical Education 437 (Men)*Credit, 3 semester hours***Methods of Teaching Health and Physical Education — Physical Education 458 (Women)***Credit, 2 semester hours. Prerequisite, a minor in Physical Education. Education 202 recommended.***IV. RECREATION****Minor Crafts — Physical Education 181, 182, 214***Credit, 2 semester hours each semester*

See Occupational Therapy, 181, 182, 214

Playgrounds, Their Administration and Operation — Physical Education 186*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.

Introduction to Community Recreation — Physical Education 385*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.

Internship in Municipal Recreation Administration — Physical Education 581, 582*Credit, in amount to be arranged, up to 15 semester hours each semester. Prerequisite, recreation minor and some paid experience. No credit for less than full year*

This internship is a graduate program. It involves nine months full-time study and training in all phases of municipal recreation administration with practical field work in connection with the Tacoma School District and Metropolitan Park District. A certificate is given in evidence of the completion of the program, and the student is qualified for full-time administrative positions in the field of public recreation.

Physical Sciences

Professors Nelson, Sprenger

Physical Science — 103, 104

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; Associate Professor Danes;
Assistant Professor Brown

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, mathematics through calculus, general chemistry, and two years of foreign language. The Bachelor of Science degree may be granted upon completion of the general requirements for the degree and an additional 12 upper level hours in physics and 6 upper level hours in mathematics.

Students planning to make use of physics as a vocation or as a preparation for graduate work in physics or engineering fields should take Physics 405, 406, 311, 451, 452, 361, and Mathematics 301, 431; and electives from Physics 322, 482, 401, 412 and Mathematics 401, 402, or Chemistry 402.

Students enrolled in Physics 451, 322, 361, 311, 412, or 482 are expected to enrol concurrently in the corresponding laboratory course 431, 432, 433, 434, 435, or 436.

Laboratory Arts — Physics 194

See Chemistry 194.

General Physics — Physics 201, 202

Credit, 5 semester hours each semester. Three lectures, one recitation and one 3-hour laboratory per week. A non calculus course

Not open to freshmen unless they have had high school physics and trigonometry.



**General Physics for Science Majors and Pre-engineering Students
Physics 211, 212**

Credit, 5 semester hours each semester. Three lectures, one recitation and one three-hour laboratory per week. Prerequisite, Mathematics 112 (Analytic Geometry and Calculus)

Atomic Physics — Physics 311

Credit, 3 semester hours. Offered in alternate years. Given in 1963-64. Prerequisite, Courses 201, 202 or 211, 212, and Mathematics 212

Electronics — Physics 322

Credit, 2 or 3 semester hours. Offered in alternate years. Given in 1964-65. Prerequisite, Courses 201, 202 or 211, 212

Optics — Physics 361

Credit, 3 semester hours. Offered in alternate years. Given in 1964-65. Prerequisite, Courses 201, 202 or 211, 212, and Mathematics 212.

Thermodynamics — Physics 401

Credit, 3 semester hours. Prerequisites, Courses 201, 202 or 211, 212, and Mathematics 212

Analytical Mechanics — Physics 405, 406

Credit, 3 semester hours each semester. Prerequisite, Courses 201, 202 or 211, 212, and Mathematics 212.

Nuclear Physics — Physics 412

Credit, 3 semester hours. Offered in alternate years. Given in 1963-64. Prerequisite, Courses 311 and Mathematics 212.

Advanced Laboratory — Electricity — Physics 431

Advanced Laboratory — Electronics — Physics 432

Advanced Laboratory — Optics — Physics 433

Advanced Laboratory — Atomic — Physics 434

Advanced Laboratory — Nuclear — Physics 435

Advanced Laboratory — Radiological — Physics 436

Credit, 1 semester hour each. One three-hour laboratory per week

Electricity and Magnetism — Physics 451, 452

Credit, 3 semester hours each semester. Prerequisite, Courses 201, 202 or 211, 212, and Mathematics 212.

Radiological Physics — Physics 482

Credit, 2 semester hours. Given according to demand. Prerequisite, Courses 201, 202 or 211, 212

Individual Project — Physics 491, 492

Credit, 2 to 4 semester hours

Seminar — Physics 493, 494

Credit, 2 semester hours either semester

Undergraduate Thesis — Physics 497, 498

Credit, 2 to 4 semester hours

Solid State — Physics 568

See Chemistry 568.

Political Science and Government

Associate Professor Tomlinson; Assistant Professor Heppe (Chairman);

Instructor Kruschke

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, 322, 331 or 332, 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.

Introduction to Political Science — Political Science 100

Credit, 3 semester hours

A survey of the major fields in political science.

American National Government — Political Science 101

Credit, 3 semester hours



A survey of the constitution; three branches of government; administration; civil rights; political parties.

Current National and International Problems—Political Science 121, 122

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.

Comparative Government — Political Science 291, 292

Credit, 3 semester hours each semester

A comparative study of selected foreign governments, from both the structural 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.

Principles of Public Administration — Political Science 306

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.

State and Local Government — Political Science 307

Credit, 3 semester hours

Nature, functions, and problems of state and city government. Special attention to the government of Washington and of Tacoma.

Political Parties and Public Opinion — Political Science 313

Credit, 2 semester hours

Nature, functions, and problems of party organization. Study of pressure groups and of their influence on government.

American Political Thought — Political Science 314

Credit, 2 semester hours

A consideration of trends in political thinking from the 17th Century to the present.

International Relations — Political Science 321, 322

Credit, 3 semester hours each semester

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.

International Organization — Political Science 331

Credit, 3 semester hours

A basic study of the League of Nations, international courts, the United Nations, North Atlantic Treaty Organization, European Integration, and plans for other political, military and economic organizations.

American Foreign Policy — Political Science 332

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.

American Constitutional Law — Political Science 352

Credit, 2 semester hours

The development of the basic principles of the American constitutional system of government. Some attention paid to case-method and brief-construction. A course for the general student and for the pre-law student.

Public Finance — Political Science 363

See Economics 363.

History of Political and Social Thought — Political Science 413, 414

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.

Population and Society — Political Science 432

See Sociology 432

Government and Business — Political Science 478

See Economics 478.

Readings in Political Science — Political Science 491, 492

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.

Seminar — Political Science 493, 494

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

Assistant Professors Burk (Chairman), Wilson;

Instructors Gocka, Hartley, Mees

Psychology 201 is a prerequisite to all other courses in the department.

A major must include courses 201, 206, 342, 371 and a minimum of 13 additional hours of which 7 must be upper-level. Philosophy 263 and 264 are also required.

A minor should include courses 201, 206 and a minimum of 9 additional hours of which 6 must be upper-level. The courses for a minor may be determined on the basis of the student's objectives.

General Psychology — Psychology 201

Credit, 3 semester hours. Given both semesters

Advanced General Psychology — Psychology 202

Credit, 3 semester hours. Given both semesters

The Psychology of Personal Adjustment — Psychology 204

Credit, 3 semester hours

Experimental Psychology — Psychology 206

Credit, 3 semester hours. Given both semesters

Abnormal Psychology — Psychology 311

Credit, 3 semester hours

Psychology of Personality — Psychology 315

Credit, 3 semester hours

An introduction to the study of personality.

Theory of Personality Development — Psychology 317

Credit, 3 semester hours

A study of contemporary theories of personality.

Child Development — Psychology 328

See Home Economics 328.

History and Systems of Psychology — Psychology 342

Credit, 3 semester hours

Psychology of Religion — Psychology 364

See Religion 364.

Elements of Statistics — Psychology 371*See Mathematics 371.***Social Psychology — Psychology 381***Credit, 3 semester hours***The Study of the Child — Psychology 425***Credit, 3 semester hours***The Study of Adolescence — Psychology 426***See Sociology 426.***The Learning Process — Psychology 428***Credit, 3 semester hours***Reading in Psychology — Psychology 491, 492***Credit, 1 or 2 semester hours***Seminar — Psychology 494***Credit, 2 semester hours***Theory of Psychological Testing — Psychology 541***Credit, 3 semester hours***Intelligence Testing — Psychology 542***Credit, 3 semester hours***Personality Testing — Psychology 543***Credit, 3 semester hours*

Religion

Professors Phillips (Chairman), Frederick, Magee;

Assistant Professor Albertson

The Department of Religion seeks to aid the University in fulfilling its Christian aims in the following ways:

1. By endeavoring to make the Christian religion an integral part of the heritage of every student who enters the University of Puget Sound;
2. By guiding individuals in the development of rich religious experiences;
3. By helping students become better churchmen through the mastery of 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.

Religion 101 is a requirement for all students, and should be taken during the freshman year. It is a prerequisite to all other courses in the department.

The following courses meet the requirements for a major: Courses 201, 202, 251 or 252, 302, 304, 364 or 363, 463, 482 and 485.

The Department of Religion is also offering an expanded major for those desiring to train in Religious Education but do not plan on continuing for graduate work. This is pre-professional education which will qualify them as educational assistants. Religion: 201, 202, 251, 252, 302, 304, 363, 463, 472, 482, 485, 486.

Minor requirements are met by the following: Courses 101, 201 or 202, 302 or 304, 364 or 363, 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.

Introduction to Religion — Religion 101*Credit, 3 semester hours. Given both semesters.*

An introduction to religion as a universal human phenomenon. This will include a brief study of world religions. There will be an emphasis on the Judaeo-Christian tradition, understanding of the Bible, and our resulting Christian movement.

History and Literature of the Old Testament — Religion 201*Credit, 3 semester hours. Offered in alternate years. Given in 1963-64*

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.

History and Literature of the New Testament — Religion 202*Credit, 3 semester hours. Offered in alternate years. Given in 1963-64*

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.

The History of Christianity Through the Reformation — Religion 251*Credit, 3 semester hours. Offered in alternate years. Given in 1964-65***History of the Protestant Church — Religion 252***Credit, 3 semester hours. Offered in alternate years. Given in 1964-65*

A study of the Christian church from the 17th Century to the present time.

Organization and Administration of the Christian Church—Religion 302*Credit, 3 semester hours. Offered in alternate years. Given in 1963-64*

Basic principles of organization and administration will be studied. The local church, the denomination, the City-Council of Churches, the State-

Council of Churches and the National and World Councils of Churches will be examined.

Principles and Methods of Religious Education — Religion 304

Credit, 3 semester hours. Prerequisite, Psychology 201. Offered in alternate years. Given in 1964-65

A study of the teaching-learning process, and of the principles and techniques that should obtain in the teaching of religion.

Sociology of Religion — Religion 362

See Sociology 362.

Worship — Religion 363

Credit, 3 semester hours. Offered in alternate years. Given in 1964-65

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.

Psychology of Religion — Religion 364

Credit, 3 semester hours. Prerequisite, Religion 101 and Psychology 201. Offered in alternate years. Given in 1963-64

A study of religious consciousness, including the following problems: the psychological method employed in the study of religion, the nature of religious experience, religious growth, conversion, belief in God, prayer, worship, mysticism, conduct control, the cult, and the therapeutic service of religion.

Living Religions of the World — Religion 463

Credit, 3 semester hours. Offered in alternate years. Given in 1963-64

An introduction to the main beliefs, the historical beginnings, the chief doctrines, and the leading personalities of each of the world's major religions.

Advanced Studies in Religion — Religion 472

Credit, 2 semester hours. Given second semester

A study of contemporary religious thought.

Philosophy of Religion — Religion 482

Credit, 2 semester hours. Prerequisite, Religion 101 and one course in Philosophy. Offered in alternate years. Given in 1963-64

A philosophical study of the meaning of God in human experience. Deals with such issues as the knowledge of God, science and religion, the place and destiny of man, prayer, immortality, and the problem of evil.

Field Problems—Religion 485, 486

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.

Reading and Conference — Religion 491, 492

Credit, 2 semester hours each

Moral and Spiritual Values in Education — Religion 524

See Education 524.

RUSSIAN

(See Foreign Languages)

Social Science

Professors Hamner, Peterson, Shelmidine,
Assistant Professors Burk, Heppe

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, 322 (International Relations) or 352 (American Constitutional Law)

Psychology: 201 (General Psychology), and one of 311 (Abnormal Psych.), 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 would be satisfied by this program. The extensive study in all of the areas of social science would take the place of the specific minor. All other University requirements for graduation must be fulfilled.

Sociology

Professors Magee, Peterson (Chairman), Phillips; Instructor Prehn

PURPOSE

The program is intended to provide a broad general study with concentration in an area of social science and a fundamental basis for graduate study.

CAREER OPPORTUNITIES

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, 111 or 202, 301, 302, 401, 494, and a minimum of seven additional upper level hours. For students planning on graduate study in sociology, the recommended elective courses are 321, 361, 371, 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: 321, 356, 361, 425, 426 or 476.

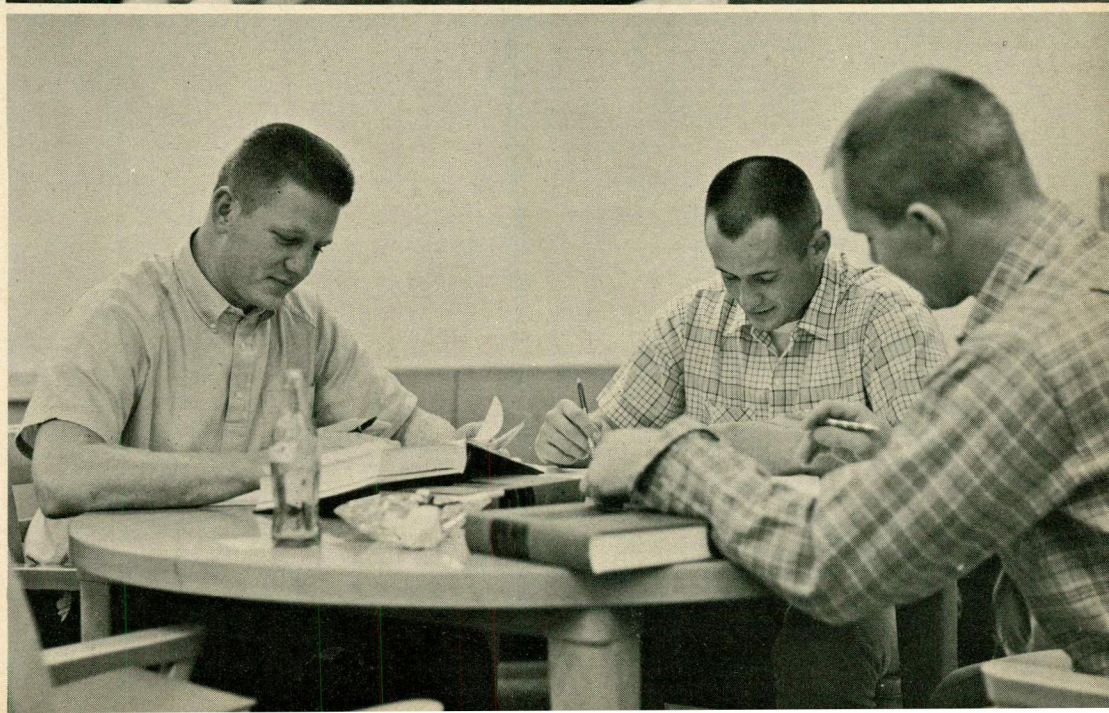
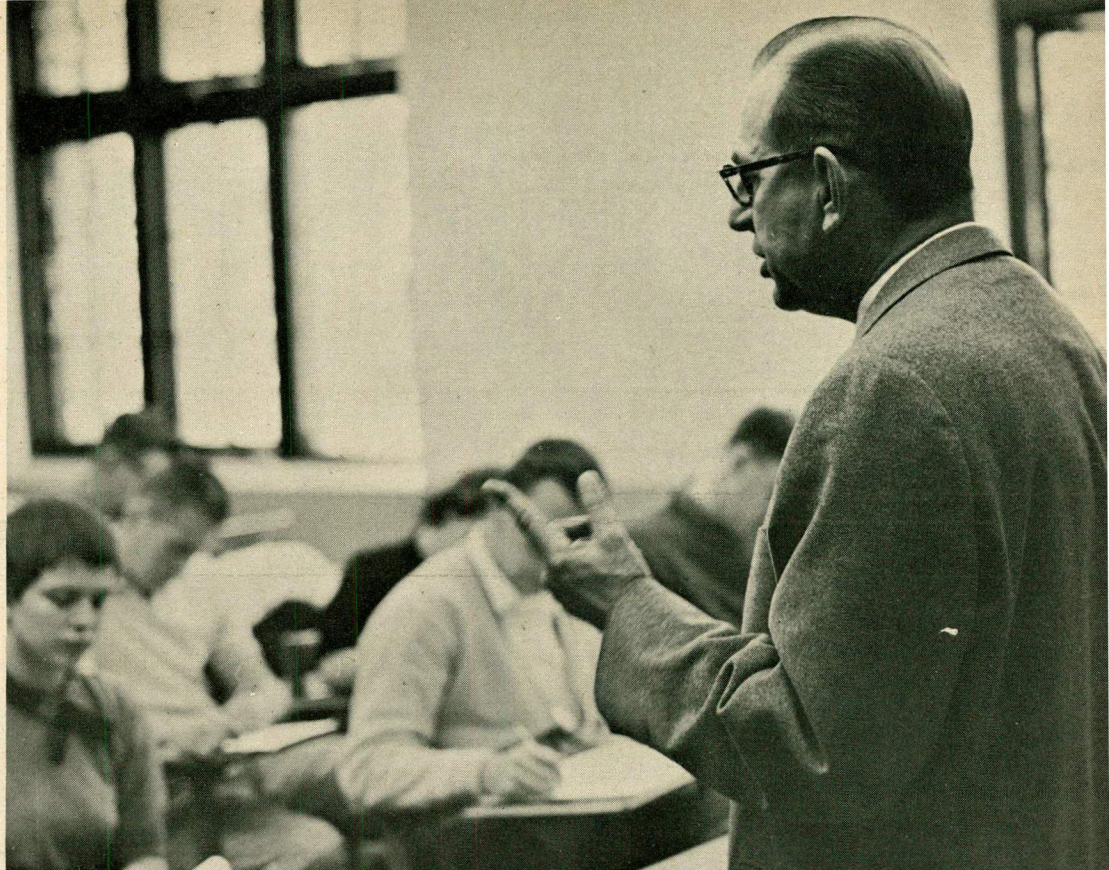
A minor should include courses 201, 111 or 202, 301, 302 and a minimum of three additional upper level hours.

Course 201 is a prerequisite for every other course in the Department except 111 and 121.

Anthropology—Sociology 111

Credit, 3 semester hours

A study of the social organization, social institutions and the relations between personality and culture in nonliterate societies.



Marriage and the Home—Sociology 121

Credit, 2 semester hours. Not counted toward a major.

A general course on courtship, marriage, and early marital adjustments.

Introduction—Sociology 201

Credit, 3 semester hours

A general survey of the history, theories, research and areas of contemporary sociology.

Social Problems—Sociology 202

Credit, 3 semester hours

A survey of organization—disorganization in complex societies with special emphasis on social problems.

History of Sociology—Sociology 301

Credit, 3 semester hours

An analysis of systems of sociological theory from Auguste Comte through the early Twentieth Century.

Methods of Sociological Research—Sociology 302

Credit, 3 semester hours

Design and analysis of descriptive and explanatory research studies in the field of human relations.

The Family—Sociology 321

Credit, 3 semester hours

A study of the family as an institution from its historical developments through its various transitions.

Field Work—Sociology 356

Credit, 2 semester hours

A survey of the scope, methods and function of contemporary social work. Experience in a case-work agency and a group-work agency is provided each student under the joint supervision of the University and agency staffs.

Criminology and Delinquency—Sociology 361

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.

Sociology of Religion—Sociology 362

Credit, 2 semester hours. Prerequisite, Religion 101.

A study of religion in its social manifestations and interaction with other social forces.

Elements of Statistics—Sociology 371

See Mathematics 371.

Social Psychology—Sociology 381

See Psychology 381.

Social Theory—Sociology 401

Credit, 3 semester hours. Prerequisite, Sociology 302.

An intensive survey of major contemporary sociological theories and basic sociological principles.

The Study of the Child—Sociology 425

See Psychology 425.

The Study of Adolescence—Sociology 426

Credit, 3 semester hours

The study of the theories of adolescent development and the basic research relating to these theories.

Population and Society—Sociology 432

Credit, 2 semester hours

A study of the social problems, social inventory and social scientific approaches to the study of human population.

Sociology of the Community—Sociology 476

Credit, 3 semester hours

An analysis of organization and change in rural, suburban, and urban communities.

Reading and Conference—Sociology 491, 492

Credit, 1 or 2 semester hours with maximum credit allowed—2 semester hours. Open only to advanced students with the approval of the Chairman of the Department.

Individual study with reading, reports and conferences.

Seminar—Sociology 494

Credit, 2 semester hours. Prerequisite, Sociology 302 and 401.

Preparation, presentation and oral defense of a senior thesis.

SPANISH
(See Foreign Languages)

Speech and Drama

Professors Baisinger (Chairman), Jones; Instructor Kingsley

The Department of Speech and Drama offers study leading to the Bachelor of Arts degree with a major selected from courses in three divisions:

- (1) Speech, including public address, speech correction and audiology, radio and television.
- (2) Interpretation of Literature
- (3) Drama

The academic curriculum is designed for students who wish to secure a broad background in these areas. Related activities supervised by the Department include the Campus Playcrafters, who produce various types of drama both on and off the campus, and the Choral Readers, who revive an age-old art, through which participants and audiences realize a richer experience of great prose, poetry, and drama. Serving the wide range of forensic and public speaking activities is the original Alpha Chapter of Pi Kappa Delta, National Forensic Honorary. Its members represent the University in intercollegiate and intramural competitive events, sponsor annual clinics for High schools, and host forensic tournaments on the campus.

A major in the department includes Speech 101 or its equivalent, courses 220 or 297, 285, 361, 377, seven or more hours in drama including 277 or 278, and electives to total 27 hours. Twelve or more hours in speech must be upper level; Psychology 201 and five hours of English or American literature are also required.

A minor includes Speech 101 or its equivalent, courses 220 or 297, 285 or 377, 352 or 361, and electives to total 18 hours. Eight or more hours in speech must be upper level; Psychology 201 is also required.

I. PUBLIC SPEAKING

Remedial Speech — Speech 5

Non-credit

Regularly enrolled students of the University, with problems resulting from substandard or defective speech, may be referred to the Speech Department for diagnostic appointment. If the initial appointment indicates that remedial work is needed, the student may enroll for this course, which entitles him to one weekly appointment.

Fundamentals of Public Speaking — Speech 101

Credit, 3 semester hours either semester

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.

Debate — Speech 145, 146

Credit, 1 semester hour each semester

Advanced Public Speaking — Speech 220

Credit, 3 semester hours

Advanced study in platform speaking, including the psychological backgrounds of speech: composition, style, audience analysis, and logical arrangement and support.

Introduction to Broadcasting — Speech 251

Credit, 3 semester hours

A study of educational television and of the radio and television industry as mass media of communication.

Radio-Television Programming — Speech 252

Credit, 3 semester hours

A study of the communication skills involved in the production and direction of radio and television programs.

Introduction to Speech Science — Speech 285

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.

Argumentation and Discussion — Speech 297

Credit, 3 semester hours. Prerequisite, Speech 101 or equivalent.

A study of processes of rational decision making at parliamentary, judicial, and personal levels.

Forms of Public Address — Speech 321

Credit, 3 semester hours. Prerequisites, Speech 101, and 220 or 297.

A study of the principles of persuasion applied to audience analysis and style.

Direction of Speech Activities — Speech 345, 346

Credit, 1 semester hour each semester

Experience under supervision of organizing, conducting and directing speech and forensic activities.

Speech Correction for the Classroom Teacher — Speech 377

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.

History of Public Address — Speech 397

Credit, 3 semester hours. Prerequisites, Speech 101, and 220 or 297.

A study of the development of rhetorical theories from Corax to the modern day.

Hearing and Deafness — Speech 436

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.

Seminar — Speech 493

Credit, 2 or 3 hours either semester

II. ORAL INTERPRETATION OF LITERATURE

Literary Interpretation — Speech 361

Credit, 3 semester hours

Analysis in depth of selected literary works for oral presentation. Introduction to history of oral interpretation.

Story Telling — Speech 364

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.

Choral Reading — Speech 365, 366, 367

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.

Advanced Literary Interpretation — Speech 462

Credit, 3 semester hours. Prerequisite, Speech 361.

Analysis of methods of selecting, arranging, and preparing literature for performance. Advanced study of history and theories of oral interpretation.

Seminar — Speech 494

Credit, 2 or 3 semester hours

III. DRAMA

Fundamentals of Acting — Speech 172

Credit, 3 semester hours

Theory and practice of acting, including presentation of scenes from great dramatic literature and of one-act plays. Introductory study of dramatic structure and types of drama.

Puppetry — Speech 174

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.

Dramatic Production — Speech 277, 278

Credit, 4 semester hours each semester

Theory and practice of producing plays for proscenium and arena theatre. Study of the physical theatre and its equipment; of scenery, lighting, make-up, and costuming.

Advanced Acting — Speech 352

Credit, 3 semester hours

Study of principal schools and styles of acting; study of dramatic movements in modern theatre history. Acting in plays and scenes selected from great dramatic literature.

Theatre Workshop — Speech 371


Credit, 3 semester hours

Advanced study of problems of scenery, lighting, costuming, makeup, and direction.

Play Directing — Speech 378

Credit, 3 semester hours

Study of the administrative and artistic functions of the director. Observa-



tion of other directors, preparation of script and promptbook, direction of one-act plays and scenes from longer plays, study of selected plays.

Children's Dramatics — Speech 379

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 elementary school programs.

History of the Theatre — Speech 392

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 influence on methods of production. Study of problems of producing pre-modern drama for present-day audiences.

Seminar — Speech 495

Credit, 2 or 3 semester hours

Career Programs

AIR FORCE OFFICER

The University of Puget Sound in conjunction with the United States Air Force offers a program for obtaining a college degree and a commission as an officer in the United States Air Force. Earning a college degree and a commission simultaneously offers the student an exceptional opportunity leading to an interesting, challenging and rewarding career.

While obtaining a degree in his desired field of study, the student also completes the Air Science curriculum as a cadet in the Air Force Reserve Officers Training Corps (AFROTC). Students who complete the Air Science Basic Course (Freshman and Sophomore years), and are found to possess the necessary aptitude and physical qualifications to become an Air Force officer, may compete for entry into the Air Science Advanced Course (Junior and Senior Years). During the two years in the Advance Course, cadets receive a total of more than \$600.00 in pay and allowances.

Cadets who successfully complete the four years of AFROTC training will receive commissions as Second Lieutenants and will be assigned to active duty with the United States Air Force in such career areas as: pilot or navigator, administration, education, purchasing and contracting, accounting and finance, research and development, weather, electronics or many others. Honor students who are selected for appointment in the Regular Air Force, or who have elected career status, may apply for initial active duty assignment to the United States Air Force Institute of Technology. This training in the engineering, scientific or mathematics fields normally leads to an advanced degree.

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 they do require mastery of the subject; the Master's degree in the subject is generally considered 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 requires 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 pre-dental studies. However, students should plan to spend three, and in many cases four, years in pre-dental work before entering dental school. This makes it possible for students to build up their cultural background, and aids in insuring success in dental studies.

The Dental Aptitude Test is required by most dental schools for admission. This test is given at the University of Puget Sound annually.

ENGINEERING SCHOOL

The requirements for entering schools of engineering and for the first years of engineering study vary a great deal. A student who intends to secure an engineering degree from a particular school would do well to learn what its requirements are before starting college study.

Students seeking to combine a general education with engineering training may take a longer time to meet the requirements for an engineering degree. In addition to engineering subjects they might take courses in languages, literature, the arts and social sciences, and also advanced courses in chemistry, physics and mathematics.

For a student, however, who wishes to secure an engineering degree in the shortest time and who will transfer to an engineering school after the sophomore year, the program below is suggested:

FRESHMAN YEAR

Subjects	Semester Hours	
	1st	2nd
English 101, 102	3	3
Chemistry 101, 102	5	5
Mathematics 131, 132	3	3
Mathematics 111, 112	4	4

SOPHOMORE YEAR

Subjects	Semester Hours	
	1st	2nd
Mathematics 211, 212	4	4
Physics 201, 202	5	5
Mathematics 231, 232	2	2
Elective	4	2
Mathematics 224		3

LAW SCHOOL

Many law schools require a college degree for admission. Others require only two or three years of pre-law.

Admission into all law schools regardless of the differing length of undergraduate work is based on ability to read, speak, and write effectively. Although 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 understanding of Anglo-American constitutional history. A broad knowledge of literature and philosophy is also desired.

Since law schools do not generally ask for specific pre-law programs, the University of Puget Sound provides a pre-law adviser. He will help plan programs 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. Preference is given, however, to applicants who not only meet stated requirements but also have a bachelor's degree.

Admission to medical school is usually based upon the grades in the pre-medical course, and the score on a medical aptitude test.

In addition to special training in scientific subjects, it is an advantage to have a broad background in literature and other humanities and the social sciences.

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 an 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.

THE NURSING PROFESSION

The University of Puget Sound, in conjunction with the Tacoma General Hospital School of Nursing, offers a course of study leading to both a diploma from the School of Nursing and a Bachelor's degree from the University.

This program was planned with the belief that a student with a liberal, as well as a professional, education is better prepared to meet the expanding and complex nursing needs of today's community. Briefly the objectives are:

- (1) To provide an opportunity for the student to acquire the fundamental knowledge and skill required for beginning positions in nursing.
 - (2) To develop an awareness of the social and health needs of the individual and the community.
 - (3) To lay a sound educational foundation for future professional growth.
- Work is begun in the fall session, and the program is completed in four

calendar years plus an additional semester. Ample time is provided for vacations.

During the first year of study one may live at home or in a university residence hall. Work in this period will be mainly at the university. At the beginning of the second year residence is established at Jackson Hall, the nurses' home at Tacoma General Hospital.

FIRST YEAR (Campus)

<i>Fall:</i>	<i>Credit Hours</i>
English 101—Composition	3
Chemistry 105—Nurses	4
Biology 105—Personal and Community Hygiene	2
Social Studies or Humanities	3
Biology 101—General	3
Physical Education	1
<i>Spring:</i>	
English 102—Composition	3
Biology 102—General	3
Religion 101—Introduction	3
Social Studies	3
Speech 101—Fundamentals	3
Physical Education	1

<i>Summer:</i>	
Biology 221 and 222—Anatomy and Physiology	6
Sociology 201—Introduction	3

SECOND YEAR (Hospital)

<i>Fall:</i>	
Nursing 101—Nursing Arts	4
Nursing 103—Pharmacology I	2
Psychology 201—General, UPS	3
Home Economics III—Nutrition, UPS	2
Humanities or Social Studies, UPS	3
Physical Education	1
<i>Spring:</i>	
Nursing 102—Nursing Arts	4
Nursing 104—Pharmacology II	3
Nursing 202—Medical-Surgical I Nursing	6
Home Economics 112—Therapeutic Nutrition, UPS	2
Nursing 105—Professional Adjustments	2
Biology 142—Microbiology, UPS	4

<i>Summer:</i>	
Clinical Experience	
Nursing 106—Spiritual Care of the Patient	1/2
Nursing 107—Freshman Ward Conferences	1

*THIRD YEAR (Hospital)

<i>Fall:</i>	<i>Credit Hours</i>
Nursing 300—Operating Room Technique	2
Nursing 301—Operating Room Ward Conferences	1
Nursing 302—Medical-Surgical II Nursing	5
Nursing 303—Communicable Diseases	3
Nursing 311—Junior Ward Conferences	3
Nursing 312—History of Nursing	1
<i>Spring:</i>	
Nursing 308—Obstetrics Minor, UPS	6
(at least 2 Upper Level) Physical Education, UPS	9

Summer:
Affiliations

*FOURTH YEAR (Hospital)

<i>Fall:</i>	
Nursing 405—Senior Ward Conferences	3
Nursing 402—Ward Administration	3
<i>Spring:</i>	
Nursing 401—Trends in Nursing	3

Summer:
Clinical Elective

FINAL SEMESTER (Campus)

Uncompleted requirements

*For affiliations, see page 92.

*The following affiliations are taken on varying schedules during the third and fourth years:

Nursing 250—Introduction to Psychiatric Nursing U.W.	3½
Nursing 251—Selected Psychiatric Nursing Practice U.W.	3½
Nursing 252—Introduction to Tuberculosis Nursing U.W.	1½
Nursing 253—Selected Tuberculosis Nursing Practice U.W.	1½
Nursing 307—Pediatrics—Vancouver General Hospital School of Nursing	3

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 study crafts such as ceramics, weaving, woodworking and metal-work, as well as academic subjects such as psychology, biology and sociology.

They receive instruction in clinical subjects 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 a year 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.

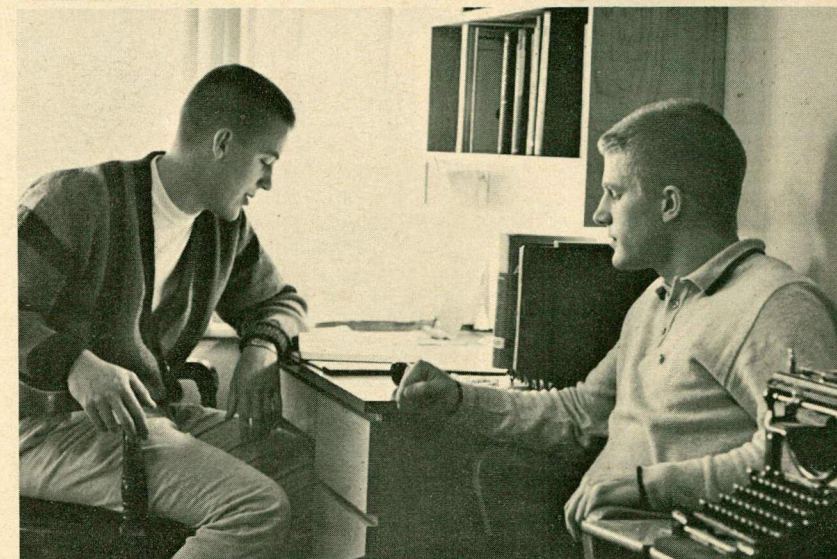
By arrangement with near by public school systems students go into schools as observers and, later, as student-teachers. When the work is completed a Provisional Certificate is awarded which entitles the holder to teach in the public schools at the appropriate level.

For additional information and specific requirements look in the section for Education under "Courses of Instruction."

THEOLOGICAL SCHOOL

According to the American Association of Theological Schools these are the accomplishments to be secured by pre-theological study: 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 pre-theology program. It is desirable that subjects 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 involve a Religion minor and a major in another area.



The University Community

CAMPUS LIFE
LIVING ACCOMODATIONS
STUDENT ACTIVITIES
FINANCIAL AID
RECOGNITION AWARDS

Campus Life

The Universities' role as an educational institution is primarily to foster learning. It aims, however, to perform the functions of a good community in their full scope, and attempts to develop qualities of personal, social and religious character as well as of intellect.

The character of 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 permits smoking in living areas, but not class buildings, and exclude the use of alcoholic beverages from campus life.

Campus 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 obtained upon request from the Traffic Office, South Hall.

All students, whether or not they own or operate an automobile are enjoined to familiarize themselves with the Traffic regulations which apply to pedestrian as well as to automobile traffic.

Living Accommodations

WOMEN'S HOUSING

All women students who do not live with their families in Tacoma or in the home of Tacoma relatives are expected to live in the residence halls on campus. Living arrangements other than in a residence hall must be made with the Dean of Women and approved by the student's parents.

Anderson Hall accommodates thirty six women; Langdon Hall, a unit attached to Anderson, houses approximately one hundred and forty eight; Harrington Hall provides a home for seventy-six women; Flora B. Tenzler Hall houses sixty-nine women and the new North and South Residence Halls each house one hundred women. Each hall has attractive lounges and recreation rooms. Each resident has her own chest of drawers, study desk and chair, drapes, bedspreads and sheets which are supplied by the University. The student brings only her blankets, pillow, towels, study lamp and personal effects. The residence halls are equipped with laundry facilities and kitchenettes for the convenience of the students. All women students who live in the residence halls are required to take their meals in the University Dining Hall which is located at the Student Center. Meals are served cafeteria style. Charges for board and room are stated elsewhere in this catalog under "Rates for Residence Halls".

Reservations for living quarters on the campus together with an advanced payment of \$25.00 are to be made with the Director of Admissions after the student has been accepted for admission and has received dormitory reservation cards from the Admissions Office. Allocations are made in the order in which applications are received. The advanced payment will be refunded only if resident hall space is not available for the student or if notice of a cancellation reaches the Admissions Office by July 1st.

Some students can earn room and board in private homes which are approved by the University. The Dean of Women maintains a list of homes where this arrangement is possible. No young woman under 21 years of age is permitted on her own responsibility to make arrangements for living off campus.

MEN'S HOUSING

Residence Halls for men are Todd Hall and New Hall, which are located on the Campus, and the seven separate units of the Men's Social Group Housing System.

All men students who live in the residence halls are required to take their meals in the University Dining Room located at the Student Center or in the individual dining rooms of the Men's Social Group Housing System, as appropriate.

Men from out of town are expected to live in the Men's Residence Halls, at least through their freshman year. Off-campus living must have the approval of the Director of Men's Affairs.

Charges for board and room are stated elsewhere in this Bulletin, under "Rates for Residence Halls."

A reservation for living quarters on the campus, requiring an advance payment of \$25.00 is to be made with the Director of Admissions, after the formal certificate of admission and residence hall reservation card have been received by the student. Freshman allocations are made in the order in which applications are received. The advance payment will be refunded only if Residence Hall space is not available for the student, or if notice of a cancellation reaches the Admissions Office by July 1.

Student Activities

GENERAL ORGANIZATIONS

ASSOCIATED STUDENTS—The organized student body, known as the Associated Students, has general direction and charge of such university activities as intramural sports, student publications, debating and oratorical contests, musical, literary and social activities. Direction of activities is exercised mainly through a representative body known as the Central Board.

ASSOCIATED WOMEN STUDENTS—All the women of the University become members upon matriculation. The objects of the organization are to encourage scholarship, service ideals, and cultural pursuits; to create a spirit of cooperation and friendliness among the women as a whole and among the individual organizations on the campus; and to integrate all women students into University life.

THE STUDENT CHRISTIAN COUNCIL is made up of representatives from each of the denominational groups on the campus, the Associated Students, the social groups and the dormitories. It helps to plan religious activities for the campus and to coordinate them with student participation in the youth programs of the local churches.

SPECIAL ACTIVITY GROUPS

DEPARTMENTAL CLUBS are groups which further in informal ways the student's interest and progress in his favorite study. These include the Art Club (Delta Phi Delta), the Biology Club (Phi Sigma), Christian Education Fellowship, the Commerce Club, Le Cercle Francais, the Geology Society, Deutscher Verein, the Home Economics Club, the Mathematics Club, the Occupational Therapy Club, the Pre-Law Club, the Pre-Medic Club, the Psychology Club, and El Espanol Club.



DENOMINATIONAL STUDENT MOVEMENTS are Canterbury Club, Christian Science Group, Lutheran Student Association, Methodist Student Movement, Methodist Kappa Phi, Newman Club, and the United Campus Christian Fellowship, consisting of Baptist, Brethren, Congregational, Disciple and Presbyterian students.

MUSICAL ORGANIZATIONS are The Adelphian Concert Choir, The University of Puget Sound Symphony Orchestra, The Madrigal Singers, The Tacoma Choral Society, The Concert Band, The Resident Faculty Trio, and several small vocal and instrumental ensembles. They present annual concerts and provide music at the university functions.

THE AMERICAN CHEMICAL SOCIETY has a Student Affiliate Chapter on the campus. This is for chemistry majors above freshman standing who are superior students. Members receive publications of the Society and may attend meetings of the Section in the area.

CHINOOK is an off-campus recreational club. Its principal activities are winter sports, climbing, hiking and sailing.

CHIPS is the girls' spirit club and is a sister organization to Choppers, the men's spirit group. Consisting of about forty girls representing each living unit on campus, Chips promotes school spirit through participation and planning with the rally staff for games, pep rallies, posters, and other activities pertaining to school sports events.

CHOPPERS, a selective men's spirit group, organized to promote interest in school activities. This group also plans and participates in many of the stunts at athletic contests.

THE WOMEN'S RECREATIONAL ASSOCIATION promotes and coordinates women's recreational sports events and activities.

KAPPA PHI is a National Methodist Girls' Club.

THE INTERNATIONAL RELATIONS CLUB is open to all students interested in world affairs.

UNIVERSITY EDUCATION ASSOCIATION is a national organization open to all students interested in teaching.

THE UNIVERSITY VETERANS' CLUB is composed of students who are veterans of the armed services of the United States.

HONOR SOCIETIES

MU SIGMA DELTA selects its members from senior men and women in

the Liberal Arts field, whose scholarship places them in the upper ten per cent of their class.

MORTAR BOARD is a National Senior Women's Service Honorary composed of women who have shown the qualities of leadership, scholarship and service.

SPURS is a national service organization for sophomore women. INTER-COLLEGIATE KNIGHTS is a national service organization for sophomore men. The purpose of both groups is service to the University and the promotion of interest in college activities.

PI KAPPA DELTA is a national society for intercollegiate debators and orators.

DELTA PHI DELTA is a national society for art students.

PI GAMMA MU is a national social science fraternity for senior students who have done superior work in that field.

PI PHI NU is a local honor society for Home Economics students.

SIGMA ALPHA IOTA is a national music sorority.

PHI MU ALPHA SINFONIA is a national music fraternity.

PHI SIGMA is a national honorary biological society.

ARNOLD AIR SOCIETY is a professional honorary service organization open to selected AFROTC Cadets at colleges and universities across the nation.

SOCIAL FRATERNITIES AND SORORITIES

The seven fraternities and six sororities on campus are chapters of national organizations, with membership by invitation. The fraternities are Beta Theta Pi, Kappa Sigma, Phi Delta Theta, 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 and Pi Beta Phi.

The Independents is the social organization of students who are not members of Greek-letter organizations.

INTERCOLLEGIATE ATHLETICS

The University is a member of the Evergreen Intercollegiate Conference. Teams are entered in football, basketball, baseball, track, tennis, golf, skiing, sailing and swimming.

STUDENT PUBLICATIONS

THE TRAIL is the weekly student newspaper.

THE TAMANAWAS is the student year book.

CROSSCURRENTS is a yearly ASUPS literary publication.

THE LOGGER LEDGER is the annual student handbook.

ELIGIBILITY FOR ACTIVITIES

All questions of eligibility come under the jurisdiction of the Rules Committee which cooperates with the Dean of Students in all matters pertaining to eligibility.

I. In order to be eligible 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 in Article III.
- (b) Not be on scholastic probation.

II.

(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 to the Rules and Regulations Committee of the faculty, in care of the Office of Dean of Students, at the time of the first turn out of any activity—a list of all participants on a form which may be obtained from the Office of Dean of Students.

(b) A student, after having been declared eligible for any student activity, will remain eligible, scholastically, for the remainder of the season of participation only when the season terminates within the semester.

(c) Activities wherein students engage with representatives of other student bodies in contests of any kind or represent the University off the campus are under the jurisdiction of the Rules Committee of the faculty in cooperation with the Dean of Students.

(d) The faculty director of an extra-mural activity which will involve 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 on forms which will be provided by the Office of Dean of Students: (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 work may take part in the musical organizations, dramatic productions, or other activities which are of an academic character and in which there is not inter-collegiate competition. All those students who participate in extra-curricular activities under

the sponsorship of ASB must pay the regular associated student fee regardless of the number of hours for which they are registered.

IV. In order to be eligible to represent the University of Puget Sound in any intercollegiate sport, a student must comply with the athletic conference rules and the foregoing University requirements.

CLOSED PERIOD

The last two weeks of each semester are designated as a closed period for all social functions and student activities.

Financial Assistance

Financial assistance is awarded by the University of Puget Sound to applicants on the basis of attainment, ability and leadership as indicated in the applicant's records. The amount of financial assistance varies according to financial information supplied in the "College Scholarship Service" form submitted by the parents of the applicant and may be awarded in the form of any one or a combination of the following: Scholarship Grants, Guaranteed Employment Grants, Loans (National Defense and others). Forms for making this statement are available in high schools or may be obtained from the Director of Admissions. *No other application for financial assistance is required.*

Although all financial assistance is awarded for one year only, aid requests are reviewed annually when requested. Within the limits of available funds, the University will continue assistance as long as the need continues and the student's academic and citizenship records merit it.

Dependent, unmarried sons and daughters of ordained ministers, who are working toward a baccalaureate degree, may be eligible for special scholarship grants. If need and eligibility are established, upon receipt of request in writing from the parents, such students will receive a minimum grant of one-half tuition.

Candidates for financial assistance should note the following items to insure the completeness of their applications:

- a. Secure copy of the "College Scholarship Service" form (Parents' Confidential Statement) from your high school counselor. Have this statement completed by 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 (transcript of record, application for admission, 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

for the fall semester and no later than January 1, for the spring semester.

NOTE: *A "Parents' Confidential Statement," together with the admission credentials, will assure consideration for a Scholarship. A student cannot be considered for financial aid unless he has completed the admission procedure.*

Because financial assistance is based upon verifiable family need, and because such need is a confidential matter between the student and his university, public notice of the award of scholarship grants is minimized or completely avoided. In no case is the amount of stipend announced.

SCHOLARSHIPS

THE METHODIST CHURCH SCHOLARSHIPS—eight \$400 scholarships to University of Puget Sound students who have been members of the Methodist Church for at least a year, who maintain a B average, who show promise of church leadership, and who have the endorsement of their local minister.

THE IDA A. DAVIS MEMORIAL SCHOLARSHIPS—from an endowed scholarship fund of forty-thousand dollars.

LEONARD HOWARTH SCHOLARSHIPS—from the income of fifty thousand dollars awarded to advanced students qualified to be assistants or readers for academic departments in the field of science.

THE FRANK W. BAKER SCHOLARSHIP—from a fund for the assistance of worthy students.

THE MARGARETS' SCHOLARSHIP—\$200 awarded annually on the basis of good character, academic record and need, to persons preparing for fulltime Christian service.

THE CLEONE SOULE SCHOLARSHIP—\$200 for an outstanding music student, on the basis of good character, academic record and need.

THE JUNIOR YEAR ENGLISH AWARD—from an anonymous donor, awarded annually to an English major in his junior year who shows special promise and intellectual range.

THE DONALD R. SHOTWELL MEMORIAL SCHOLARSHIP—awards from an endowed fund to students with good grades, excellent character and unusual promise, with preference to graduates of Stadium or Woodrow Wilson High Schools in Tacoma.

THE MARJORIE MANN SCHOLARSHIP—\$100 annually for assistance to a student in the field of occupational therapy.

THE ESTHER PITZ MEMORIAL SCHOLARSHIP—awarded annually to a student in the field of Occupational Therapy.

BETHESDA B. BUCHANAN SCHOLARSHIP—an annual award of \$200 to an Occupational Therapy student with an outstanding scholastic record.

WOMEN OF ROTARY AWARD—\$150 for a junior woman on the basis of character, leadership and scholarship.

THE LADIES OF KIWANIS AWARD—\$150 to a junior woman on the basis of character, leadership and scholarship.

A.A.U.W. AWARD—\$100 annually, to a junior woman of outstanding scholarship, wholesomeness of influence and promise of usefulness.

THE UNIVERSITY OF PUGET SOUND STUDENT WIVES' CLUB SCHOLARSHIP—\$100 awarded to a married male student on the basis of good character, academic record and need.

HERMAN KLEINER SCHOLARSHIP—\$250 annually, to a student who has notably exemplified and fostered the spirit of friendliness and broad human brotherhood in the student community.

THE FLORENCE RUTH TODD ART AWARD—the income from two thousand dollars which is awarded annually to a junior or sophomore of superior native ability, diligence and good character, for the purpose of continued art study.

TACOMA JUNIOR WOMEN'S CLUB SCHOLARSHIP—\$50 awarded to a woman in Education.

THE THOMAS AND DELLA GLASSCOCK MEMORIAL SCHOLARSHIPS—from a fund to aid needy students in Christian education.

JESSIE TRANE BURWELL SCHOLARSHIP—awarded to students preparing for a career in Christian Education.

THE BROTHER-SISTER SCHOLARSHIPS—four annual scholarships awarded to students preparing for a career in Elementary Education, Church Music, or Religious Education.

THE EDWIN B. GARRIGUES FOUNDATION AWARD IN MUSIC—full tuition and fees awarded annually to the music student considered to show the most promise.

ALTRUSA CLUB SCHOLARSHIP—\$100 awarded annually to a junior or senior mature woman.

JOHN A. FLYNN MEMORIAL SCHOLARSHIP—half-tuition to an outstanding Tacoma high-school graduating senior with a creative and progressive interest in the field of chemistry.

THE ELLERY CAPEN AWARD—to a student in his junior year who shows promise in the study of accounting.

DELTA ALPHA GAMMA SCHOLARSHIP—\$50 for an exceptional junior or senior woman in any major.

PANHELLENIC AWARD—\$150 awarded annually to a junior or senior sorority woman with outstanding academic ability and financial need.

THE KAPPA KAPPA GAMMA SCHOLARSHIP—an annual award to a sophomore or junior woman who shows exceptional promise in Occupational Therapy.

DELTA DELTA DELTA SERVICE PROJECT AWARDS—one award of \$300, open to all women students on the basis of scholarship, participation in activities, and need.

ALPHA KAPPA ALPHA SCHOLARSHIP—to a man or woman student in any major from a foreign country.

THE DR. RAYMOND AND MARGARET POWELL EDUCATION SCHOLARSHIP—an annual award to a self-supporting senior student with three years of residence, showing promise for successful public-school teaching, and living a Christian life.

THE PRESSER FOUNDATION SCHOLARSHIP—two awards of \$200 each awarded annually to music students of good character, scholarship and talent.

SIGMA ALPHA IOTA ALUMNAE MUSIC SCHOLARSHIP—\$100 awarded annually to a woman majoring in music who possesses a creditable academic record and outstanding musical talent.

THE J. U. CASSEL MEMORIAL SCHOLARSHIP—for a deserving student studying for the ministry.

THE JOHN BARTLETT McDONALD MEMORIAL SCHOLARSHIP—from an endowed fund for promising students in engineering.

MR. AND MRS. ARTHUR C. JOHNSON SCHOLARSHIP—an endowed scholarship to aid ministerial students.

MR. AND MRS. EARL WIRTH SCHOLARSHIP—an endowed scholarship to aid students entering the ministry or the mission field.

MR. AND MRS. HERMAN F. KLINDWORTH SCHOLARSHIP—an

endowed scholarship for students entering the ministry or the mission field.

THE MILDRED P. WHITEHOUSE MEMORIAL SCHOLARSHIP—from a fifty-thousand dollar fund in her memory to aid needy and worthy students.

CROWN ZELLERBACH FOUNDATION SCHOLARSHIP—an annual \$700 scholarship to a junior or senior in the field of physical or social sciences whose character, ability and field of study indicates that he will make a contribution toward industrial and social progress in the Pacific Coast Area.

THE CAMPBELL SCHOLARSHIP—Mr. and Mrs. Arthur Campbell, together with their son and daughter-in-law, Mr. and Mrs. Kenneth Campbell, established a scholarship for pre-ministerial students or others interested in Christian education.

THE GYRO CLUB SCHOLARSHIP—half tuition for the education of outstanding young men.

THE WILLIAM W. KILWORTH SCHOLARSHIP—Mr. Kilworth, Chairman Emeritus of the Board of Trustees, established the Kilworth Scholarship to be awarded to students having outstanding character, promise of civic usefulness, and genuine financial need.

HELEN HARRINGTON SCHIFF SCHOLARSHIP—ten \$200 scholarships to students who show unusual promise and have financial need.

CHI OMEGA AWARDS—scholarship grants of \$100 by the Tacoma Alumnae Association to a junior woman majoring in Education and of \$50 by the active chapter to a junior woman in the field of Sociology.

THE EDNA MUNDT ELEMENTARY EDUCATION SCHOLARSHIP—established by Miss Edna Mundt, First Methodist Church, Seattle, \$100 to \$150 to a freshman interested in elementary education and continued for four years.

PENBERTHY INSTRUMENT COMPANY SCHOLARSHIP—\$500 each year for the assistance and encouragement of superior students in physics.

KEMPER FOUNDATION SCHOLARSHIP—provides \$3000 over a period of four years at the University of Puget Sound, plus a possible graduate year, advantages in finding summer and post graduate employment.

TACOMA JUNIOR CHAMBER OF COMMERCE AUXILIARY SCHOLARSHIP—\$100 awarded to a woman student in the field of Education.

LAKEWOOD BUSINESS AND PROFESSIONAL WOMEN'S SCHOLARSHIP—\$100 awarded to a junior or senior woman in any field.

LOANS

Loans have become accepted media for paying the expenses of a college education. The Administrative Officers of the University of Puget Sound have made an extensive study of the various types of loan plans available to students and are convinced that the plans listed below are among the most adequate and reliable offered by any university or commercial lending agency. The various loan programs are an important source of assistance to students and should be seriously considered by prospective students who do not possess adequate financial resources. Financing a part or all of a student's educational expenses by means of one of these plans is recommended by the University.

The loan plans have been reviewed and/or 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 will assume complete responsibility and may delay repayment of the loan until after his graduation.

Information and assistance are available on all loan plans by contacting the Director of Financial Aid.

THE NATIONAL DEFENSE STUDENT LOAN FUND—a fund provided by the Federal Government and administered by the University.

THE UNIVERSITY OF PUGET SOUND STUDENT LOAN FUNDS—funds to aid students not otherwise able to continue their college education.

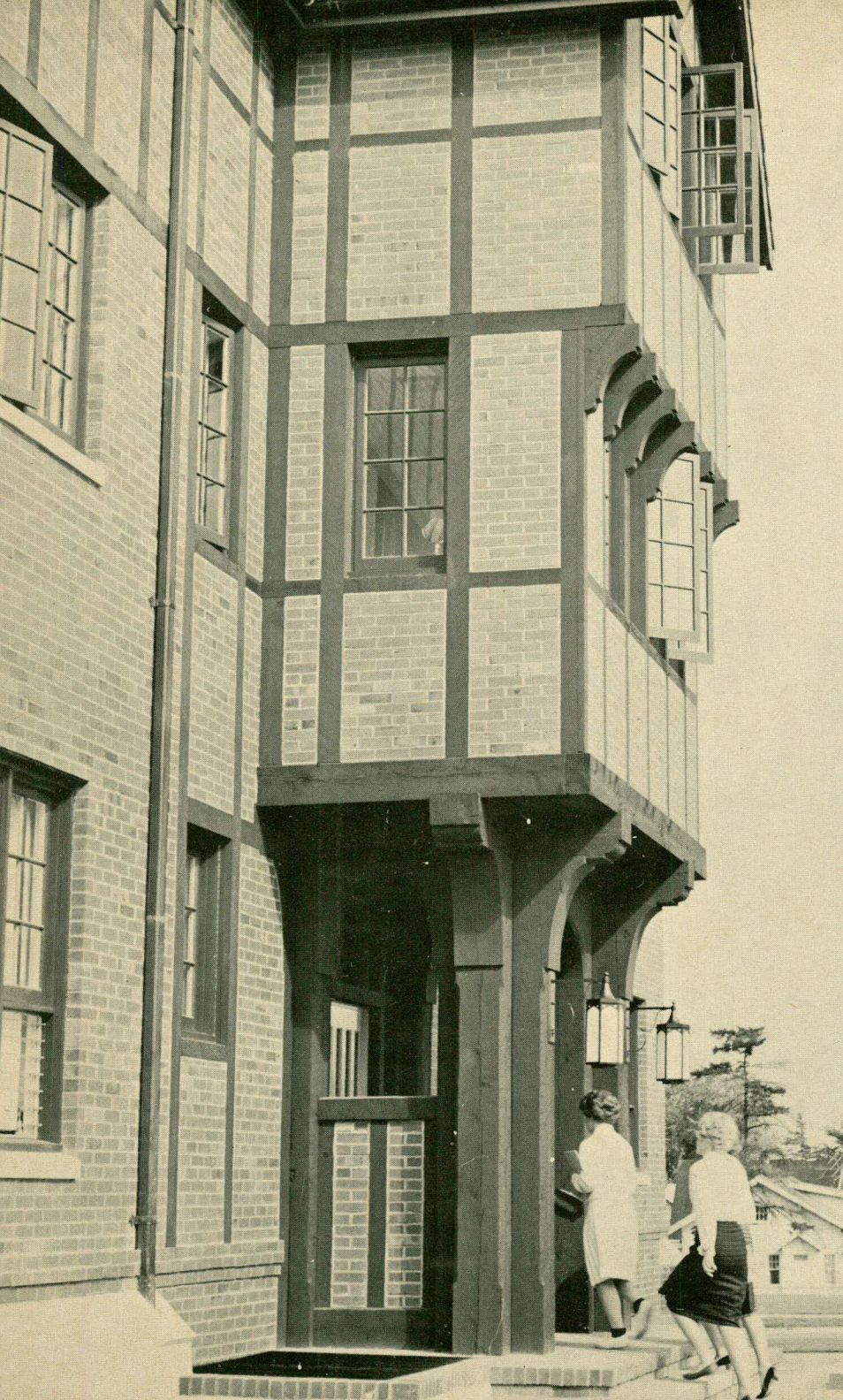
THE METHODIST STUDENT LOAN FUND—a loan fund for students of Christian character. Student applicants need the recommendation of their local minister.

COLLEGE ASSURED PLAN—a loan plan whereby the costs of attending the University for four years may be met by monthly payments extending up to six years.

DEFERRED REPAYMENT LOAN PLAN—students electing to study under this plan do not begin making payments until three months after graduation and may take up to three years to make full payment of the total amount.

SHORT TERM LOANS—a student may borrow on short-term loans for tuition, room, board, and fees and repayment 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 Therapy at the University.



JOB OPPORTUNITIES

Tacoma by reason of its size, offers many opportunities for student employment. For students who wish to have part-time jobs, the University maintains a placement service. The Placement Office helps to secure part-time jobs, as well as to make contacts for employment after graduation. Students who plan to earn part of their college expenses by working at part-time jobs should write to the Placement Office, giving details of the kind of work they are fitted to do. Students, however, are expected to arrive at the University with sufficient funds to meet initial expenses.

RECOGNITION AWARDS

BURMEISTER ORATORY PRIZES—\$30.00 annually, to support an oratorical contest.

MYRA E. DUPERTUIS PRIZE—a cash prize for an American-born senior showing the greatest proficiency in the French language. Students who have studied abroad may not compete for this prize.

LOGGER TROPHY—Awarded annually to the men's living groups best representing campus leadership, academic excellence, and intramural achievement.

SAMUEL WEIR EDUCATIONAL TROPHY—a trophy awarded annually to a senior in teacher-education judged most worthy by the School of Education.

ALLIE JONES MEMORIAL AWARD—a cash award to a senior in recognition of work and inspiration in the drama field.

MAHNCKE AND COMPANY TROPHY—recognition of the varsity football man highest in scholarship in the first semester.

AMERICAN CHEMICAL SOCIETY (JUNIOR AFFILIATE) PLAQUE—recognition annually of a senior major in chemistry with highest scholastic record in the subject during his college course.

MATHEMATICS AWARD—a monetary award to a senior showing the most promise in the field.

AMPHICTYON SOCIETY DAFFODIL CUP—recognition of the senior voted the most useful and valuable member of his class.

GOOD GOVERNMENT AWARD—this award was first presented in 1961 by the Sigma Nu Fraternity and it is presented yearly to the student that exemplifies the highest possible leadership abilities in the area of Student Government.

JOHNSON-COX TROPHY—recognition of a football man selected by his teammates for inspiration.

BASKETBALL INSPIRATION TROPHY—recognition of a basketball man selected by his teammates for inspiration.

RICHARD SUMMERS MEMORIAL PLAQUE—recognition of a music student who, by musical activities, has made the greatest contribution to fellow students.

BEN AND SLAVA HEUSTON MEMORIAL SHAKESPEARE AWARD—an annual award to a superior student in literature, and particularly for interest in Shakespeare.

RAY WILLIAMS MEMORIAL AWARD—to a senior majoring in geology, on the basis of scholarship and service to fellow students.

RALPH OLSON MEMORIAL AWARD—a cup for recognition of a senior man for inspiration to the college community.

ASUPS SPIRIT TROPHY—gives recognition to a person for promoting school spirit.

HARRY WERBISKEY MEMORIAL AWARD—a cup for recognition annually of the man best exemplifying good sportsmanship.

CHIMES MEMORIAL CUP—recognition of the student who has given most unselfish service to fellow-students.

OXHOLM TROPHY—a bowl awarded annually to a student group in recognition of service to the University.

CHARLES McNARY AWARD—a briefcase to a promising senior in business administration and engraving of his name on a trophy cup.

A.A.U.W. MEMBERSHIP AWARD—to a senior woman of a one-year membership in one of the Washington State Chapters of the Association.

TACOMA DIETETIC ASSOCIATION AWARD—presented for annual recognition of a major in home economics for activities and scholarship.

RICHARD L. LaPORE AWARD—awarded each year to an outstanding freshman or sophomore chemistry major. Provides money for textbooks necessary for subsequent study.

WILLIAM HOWES AWARD—Departmental plaque and book award in organic chemistry given each year to an outstanding chemistry major, based on his performance in organic chemistry.

PHI SIGMA AWARD—awarded annually to a graduate or undergraduate student who has done outstanding work in the study of biology.

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ROE E. SHAUB	<i>Chairman of the Board</i>
HARRY L. BROWN	<i>Vice-Chairman</i>
NORTON CLAPP	<i>Vice-Chairman</i>
FRANKLIN E. JOHNSON	<i>Treasurer</i>
PAUL B. HANAWALT	<i>Secretary</i>

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Term Expires in 1963

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<i>P.O. Box 1645</i>	<i>Tacoma 1, Washington</i>
MRS. GEORGE F. JEWETT, JR.	
<i>320 — 21st Avenue</i>	<i>Lewiston, Idaho</i>
DR. MURRAY L. JOHNSON	
<i>501 North Tacoma Avenue</i>	<i>Tacoma 3, Washington</i>
G. E. KARLEN	
<i>Karlen-Davis Co., 701 Tacoma Building</i>	<i>Tacoma 2, Washington</i>
DR. HAROLD B. LONG	
<i>909 North J Street</i>	<i>Tacoma 3, Washington</i>
MARC MILLER	
<i>2120 North Ferdinand Street</i>	<i>Tacoma, Washington</i>
BISHOP EVERETT W. PALMER	
<i>800 Olympic Nat'l. Bldg., 920 Second Ave.</i>	<i>Seattle 4, Washington</i>
JAMES W. PETERSEN	
<i>323 North D Street</i>	<i>Tacoma, Washington</i>
ROE E. SHAUB	
<i>1902 Pacific Avenue</i>	<i>Tacoma, Washington</i>
J. DONALD SHOTWELL	
<i>3113 South Pine Street</i>	<i>Tacoma 2, Washington</i>
DR. ROBERT A. UPHOFF	
<i>First Methodist Church, 423 Marion St.</i>	<i>Seattle 4, Washington</i>

Register

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ADMINISTRATIVE PERSONNEL
FACULTY
MEMORIALS AND FOUNDATIONS

Term Expires in 1964

REUBEN CARLSON	
<i>Puget Sound Bank Building</i>	<i>Tacoma 2, Washington</i>
BEN B. EHRLICHMAN	
<i>1600 Norton Building</i>	<i>Seattle 4, Washington</i>
DR. J. HENRY ERNST	
<i>808 Olympic Nat'l. Bldg., 920 Second Ave.</i>	<i>Seattle 4, Washington</i>
CHAPIN FOSTER	
<i>Wesley Gardens</i>	<i>Des Moines, Washington</i>
WILLARD S. GEE	
<i>8500 Bellwood Drive, S.W.</i>	<i>Tacoma 99, Washington</i>
W. HOWARTH MEADOWCROFT	
<i>P.O. Box 1645</i>	<i>Tacoma 1, Washington</i>
FRANK C. NEAL	
<i>816 Washington Building</i>	<i>Tacoma 2, Washington</i>
HERMAN E. TENZLER	
<i>P.O. Box 1493</i>	<i>Tacoma 1, Washington</i>
GERRIT P. VANDER ENDE	
<i>Pacific First Federal Savings & Loan Assn.</i>	<i>Tacoma 1, Washington</i>
DR. CLARK J. WOOD	
<i>Exec. Dir., Bayview Manor, 11 West Aloha</i>	<i>Seattle 99, Washington</i>
CHARLES B. ZITTEL	
<i>4115 North 12th Street</i>	<i>Tacoma 6, Washington</i>

Term Expires in 1965

HARRY L. BROWN	
<i>Wesley Gardens, Cottage No. 3</i>	<i>Des Moines, Washington</i>
DR. ELDON G. CHUINARD	
<i>1922 N.W. Johnson Street</i>	<i>Portland 9, Oregon</i>
DR. RAYMOND E. COOK	
<i>Wesley Gardens, Box 23</i>	<i>Des Moines, Washington</i>
DR. PAUL B. HANAWALT	
<i>1404—25th Avenue, N.E.</i>	<i>Puyallup, Washington</i>
COL. ALBERT H. HOOKER	
<i>603 North Yakima Avenue</i>	<i>Tacoma 3, Washington</i>
DONALD A. JAENICKE	
<i>9111 Cecile Court, S.W.</i>	<i>Tacoma, Washington</i>
FRANKLIN E. JOHNSON	
<i>601 Tacoma Building</i>	<i>Tacoma 2, Washington</i>
DR. WILLIAM W. KILWORTH	
<i>524 North Tacoma Avenue</i>	<i>Tacoma 3, Washington</i>

MRS. HELEN HARRINGTON SCHIFF

<i>3027 West Laurelhurst Drive</i>	<i>Seattle 5, Washington</i>
DR. R. FRANKLIN THOMPSON	
<i>University of Puget Sound</i>	<i>Tacoma 6, Washington</i>
THE REV. JACK M. TUELL	
<i>6626 Gateway Terrace</i>	<i>Everett, Washington</i>
RICHARD K. WASSON	
<i>1425 North Anderson</i>	<i>Tacoma 6, Washington</i>

EXECUTIVE COMMITTEE

Roe E. Shaub, Harry L. Brown, Reuben Carlson, Norton Clapp, Paul Hanawalt, Franklin E. Johnson, G. E. Karlen.

ADMINISTRATIVE OFFICERS AND ASSISTANTS

OFFICE OF THE PRESIDENT

Robert Franklin Thompson, A.M., B.D., PhD., LL.D., Litt.D.	<i>President</i>
Richard Dale Smith, A.B., Ped. D.	<i>Assistant to the President</i>
Frances Swayze, A.B.	<i>Research Assistant</i>
Viola Reed, A.B.	<i>Secretary</i>

OFFICE OF THE DEAN OF GRADUATE SCHOOL

John Dickinson Regester, S.T.B., Ph.D.	<i>Dean of Graduate School</i>
L. Irene Lawrence	<i>Secretary</i>

OFFICE OF THE DEAN OF UNDERGRADUATE SCHOOL

Norman F. Thomas, Ph.D.	<i>Dean of Undergraduate School</i>
Raymond Leo Powell, Ph.D.	<i>Assistant to the Dean of the Undergraduate School</i>
Gene B. Davies	<i>Secretary</i>

EDUCATIONAL OFFICERS—University Center

James M. Greenhalgh	<i>Fort Lewis</i>
William King	<i>McChord</i>
Floyd Exeter	<i>Madigan</i>

OFFICE OF THE BURSAR

Administration:

William Gerard Banks, A.M.	<i>Bursar</i>
Vesta M. Hetrick	<i>Secretary to the Bursar</i>
Diane Bramwell, A.B.	<i>Assistant Secretary</i>
Clark W. Hillier	<i>Assistant Bursar</i>
Marshaleen Speirs	<i>Secretary to Assistant Bursar</i>
James A. Smith, B.S.	<i>Assistant Bursar</i>
Mavis Engelland, B.S.	<i>Secretary to Assistant Bursar</i>

Loans and Scholarships:

Louis Dibble, A.B.	<i>Financial Aid Officer</i>
Clara Mae Dibble	<i>Financial Aid Secretary</i>
Audrey Cratsenberg	<i>Financial Aid Clerk</i>

Accounting and Credit:

Ella Algeo	<i>Manager</i>
Dorothy Adams	<i>Assistant in Accounting</i>
Judith Oliver	<i>Assistant in Accounting</i>
Myrtle Temple	<i>Payroll Assistant</i>
Ruth McVay	<i>Cashier</i>

Disbursing and Mail (Incoming):

Margaret Holmes, A.B.	<i>Manager</i>
Wanda Sanstad	<i>Assistant in Disbursing</i>

Purchasing and Veterans Affairs:

Irlene Hitt	<i>Manager</i>
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Property Management:

Shelby Scherer, A.B.	<i>Property Manager</i>
Virginia Whannell	<i>Secretary</i>

Telephone Services:

Velora Dahlum	<i>Manager</i>
Evelyn Frater	<i>Assistant Manager</i>

Plant:

Eugene Elliott	<i>Plant Superintendent</i>
Ruth Anderson	<i>Secretary</i>
Thelma Pinkerton	<i>Clerk</i>
Harold May	<i>Buildings Maintenance Foreman</i>
Carroll Hanson	<i>Grounds Maintenance Foreman</i>
Wesley Goucher	<i>Custodial Foreman</i>

Residence Halls:

Lawrence Nelson	<i>Director of Housing</i>
Zac Dunn	<i>Maintenance Foreman</i>

Student Center and Special Events:

Bertha Shomo, B.S.	<i>Director</i>
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Food Service:

Edna Chessman	<i>Director of Food Services</i>
Dale Robinson	<i>Manager, Food Service—Men's Group Housing</i>
LaVerne Shuckhart	<i>Manager, Student Dining Halls</i>
Doris Sage	<i>Cashier</i>
Ruby Wolf	<i>Supervisor, Snack Bar</i>



Bookstore:

Grace Berry	Manager
Bernice McDonald	Assistant Manager
Jennie Berry	Cashier

Field House:

Ted Droettboom	Manager
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Print Shop and Mail (Outgoing):

Ava Staff	Manager
Eveline Aitken	Assistant Manager
Anni Welter	Lithographer
Juanita Pearson	Addressograph and Mailing
Lucy Hill	Typist

Swimming Pool:

Donald Duncan	Manager
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OFFICE OF THE DEAN OF STUDENTS

Richard Dale Smith, A.B. Ped.D.	Dean of Students
Maybelle Blau	Secretary-Receptionist

Admissions:

James E. Nelson, A.B.	Director of Admissions
Mary Curran, A.B.	Associate Director of Admissions and Dean of Women
Dorothy Greenwood	Admissions Secretary
Thomas Jobe	Admissions Counselor
Karen Rolstad, A.B.	Admissions Counselor
Larry Stenberg, A.B.	Assistant in Admissions

Counseling and Placement:

Mary Curran, A.B.	Dean of Women
James E. Nelson, A.B.	Director of Admissions
Louis Dibble, A.B.	Director of Financial Aid
Larry Stenberg, A.B.	Director of Men's Affairs and Assistant in Admissions
Robert Albertson, A.B., B.D.	Coordinator of Men's Counseling
Dessel Hamilton	Coordinator of Women's Counseling
Clark Hillier	Job Placements
Karen Rolstad, A.B.	Admissions Counselor and Assistant in Women's Affairs

Data Processing:

Richard Arbak	Manager
Susan A. Smith	Assistant

Health Services:

Robert C. Johnson, M.D.	Medical Advisor
Galen H. Hoover, M.D.	Assistant Medical Advisor
Esther M. Juergens, R.N.	School Nurse
Esther Landon, R.N.	School Nurse
Jeanne Aston, A.B.	Assistant

Registration and Records:

Helen W. Bay, A.B.	Registrar
Barbara Abel, A.B.	Recorder
Dorothy Christenson	Assistant Recorder
Eleanor Gerber	Senior Secretary
Anna Korslund	Transcript Secretary

Residence Halls:

Pearl Blake	Head Resident-South Hall
Marlys Jobe	Head Resident-Anderson-Langdon Hall
Esther Juergens, R.N.	Head Resident-Tenzler Hall
Molly Martin	Head Resident-Harrington Hall
Karen Rolstad, A.B.	Head Resident-North Hall
Mr. and Mrs. Larry Green	Head Residents-Todd Hall
Mr. and Mrs. Tyler Stroh	Head Resident-New Hall

OFFICE OF ALUMNI AFFAIRS

Robert Hunt, A.B.	Director
Anita Baisinger, A.B.	Secretary
Mary Lou Raphael	Records Department

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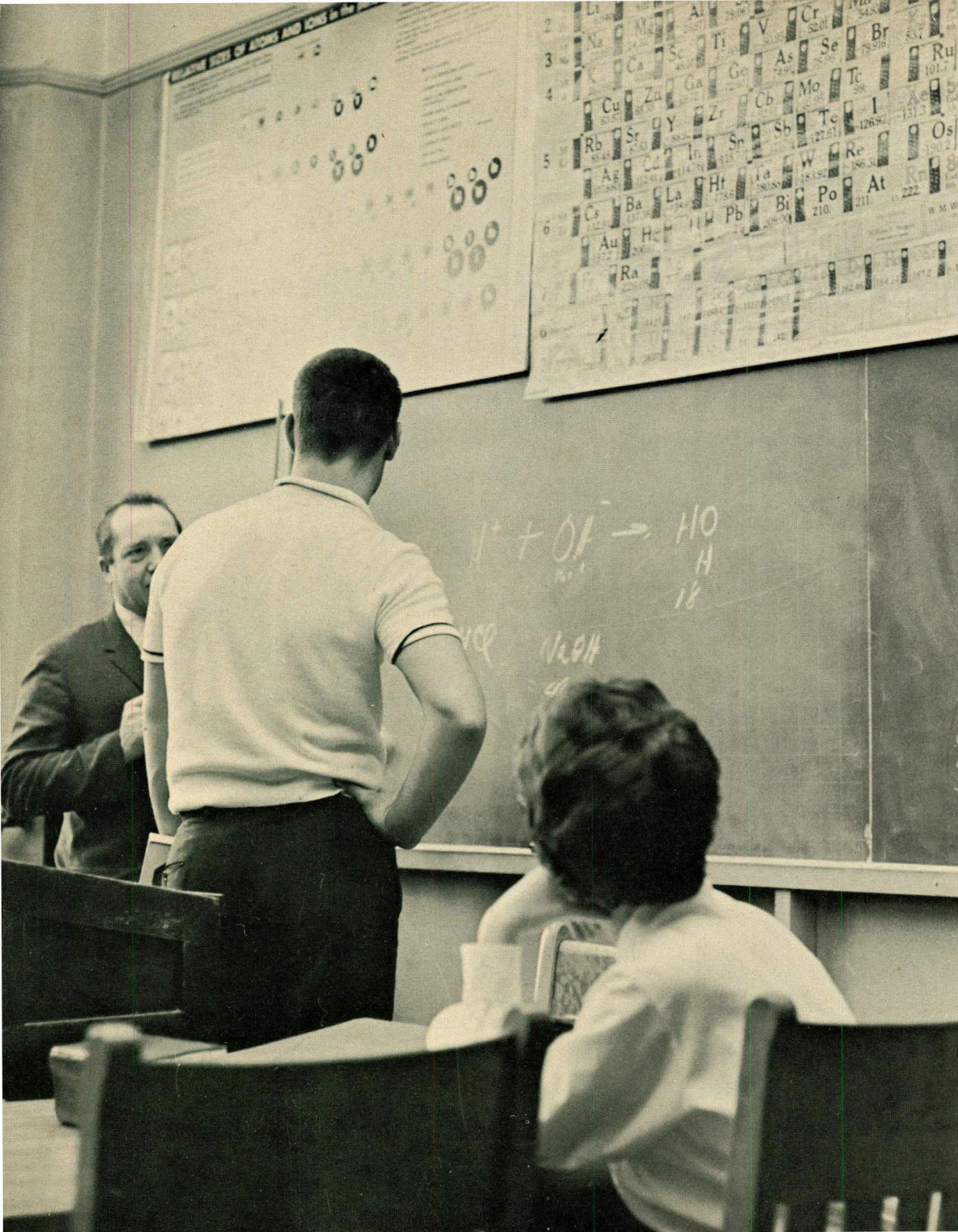
Warren L. Perry, A.B., B.S. in L.S., A.M.	Librarian
Elspeth Pope, A.B., B.L.S., A.M.	Assistant Librarian
W. Desmond Taylor, A.B., M.S.	Reference Librarian
Laverne Goman, A.B., A.B. in L.S.	Documents Librarian
Enid Attix	Secretary and Assistant of Audio Visual Program
Margaret Rice	Circulation Assistant
Charlotte Ghigliazza	Order and Processing Assistant

PUBLICITY

William R. Lindley, M.S.	Director
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RELIGIOUS LIFE

Robert Albertson, A.B., B.D.	Director
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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, Mathematics, Music and Religion.

The general faculty consists of certain officers of administration and all members of the active teaching staff.

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

LL.D., Nebraska Wesleyan University, 1947

Litt.D. American University, 1960

FACULTY EMERITI

CHARLES THOMAS BATTIN, Ph.D., (1926; 1955)

Professor of Economics

A.B., Ottawa University, 1913

Ph.D., University of Chicago, 1937

COOLIDGE OTIS CHAPMAN, Ph.D., (1932; 1959)

Professor of English

A.B., A.M., Ph.D., Cornell University, 1924, 1925, 1927

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

HELEN McKINNEY FOSSUM, Ph.D. (1938; 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. Foster Chair of Religious Education
 Ph.B., Lawrence College, 1920
 A.M., Northwestern University, 1922
 LL.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)
- RAYMOND LEO POWELL, Ph.D. (1936; 1962)
Professor of Education
 A.B., Coe College, 1923
 A.M., Ph.D., University of Iowa, 1928, 1932
- BERTHA WOOD ROBBINS, Ph.B. (1929; 1950)
Assistant Professor of Spanish
 Ph.B., DePauw University, 1903
- CHARLES ARTHUR ROBBINS, LL.D. (1916; 1946)
Bursar, and Associate Professor of Spanish
 A.B., DePauw University, 1904
 LL.D., University of Puget Sound, 1947
- RAYMOND SANFORD SEWARD, Ph.D., (1923; 1955)
Professor of Physics
 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., Stout Institute, 1919
 M.S., Oregon State College, 1929

FACULTY

- ROBERT GRANT ALBERTSON, B.D. (1956; 1956)
Assistant Professor of Religion and Director of Religious Activities
 A.B., Colorado State College of Education, 1947
 B.D., Garrett Biblical Institute, 1950
- 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
- NORMAN RODERICK ANDERSON, M.S. (1949; 1957)
Associate Professor of Geology
 B.S., University of Puget Sound, 1946
 M.S., University of Washington, 1954

- BURTON CURTIS ANDRUS, B.A. in B.A. (1955; 1957)
Consulting Professor in Business Administration
 B.A. in B.A., University of Puget Sound, 1955
- OTTO GEORGE BACHIMONT, 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, A.M. (1946; 1946)
Bursar
 A.B., Centenary College, 1927
 A.M., University of Virginia, 1930
- HELEN WALDRON BAY, A.B. (1950; 1958)
Registrar
 A.B., University of Southern California, 1926
- ALICE CLARA BOND, A.M. (1947; 1957)
Associate Professor of Physical Education
 B.S., University of Iowa, 1931
 A.M., Columbia University, 1932
- JEAN SPOONER BOWERS, M.S. (1952; 1962)
Associate Professor of Home Economics
 B.S., University of Idaho, 1939
 M.S., University of Iowa, 1940
- BERT ELWOOD BROWN, M.S. (1960; 1962)
Assistant Professor of Physics
 B.S., Washington State University, 1949
 M.S., California Institute of Technology, 1953
- GERMAINE M. BROWN, A.M. (1961; 1961)
Instructor in French
 A.B., University of Toulouse, France, 1918
 A.M., University of Paris, France, 1932
- VELDA JEAN BRUST, O.T.R. (1957; 1958)
Assistant Professor of Occupational Therapy
 B.S., M.Ed., Oregon State College, 1953, 1961
 O.T.R., University of Southern California, 1956
- LINCOLN BRICE BUCKLIN, Ph.D. (1961; 1961)
Associate Professor of Spanish
 A.B. University of Washington, 1941
 A.M., Ph.D., Johns Hopkins University, 1949, 1952
- HAROLD WILLIAM BURK, Ph.D. (1962; 1962)
Assistant Professor of Psychology
 A.B., University of Puget Sound, 1956
 M.S., Ph.D., University of Washington, 1960, 1962
- ELLERY CAPEN, M.B.A. (1931; 1953)
Professor of Business Administration and Economics
 B.B.A., M.B.A., University of Washington, 1925, 1931

- OTTO MORTON CAROTHERS, JR., A.M., (1962; 1962)
Instructor in Mathematics
 B.S., A.M., Ball State Teachers College, 1954, 1957
- BERKLEY WARNER CHAPPELL, M.F.A. (1958; 1962)
Assistant Professor of Art
 B.F.A., M.F.A., University of Colorado, 1956, 1958
- DONALD ERNEST CHITTICK, B.S. (1958; 1962)
Assistant Professor of Chemistry
 B.S., Willamette University, 1954
- FRANCES FULLERTON CHUBB, M.F.A. (1940; 1958)
Associate Professor of Art
 B.F.A., University of Puget Sound, 1939
 M.F.A., University of Washington, 1952
- BILL DALE COLBY, A.M. (1956; 1959)
Associate Professor of Art
 A.B., University of Denver, 1950
 A.M., University of Illinois, 1954
- ERNEST FRANKLIN COMBS, A.M. (1959; 1959)
Instructor in Economics
 A.B., Washington State University, 1953
 A.M., Cornell University, 1955
- RALPH EDWARD CORKRUM, A.M. (1959; 1962)
Assistant Professor of English
 A.B., A.M., Washington State University, 1951, 1953
- CALVIN BREWSTER COULTER, JR. Ph. D. (1945; 1954)
Professor of History
 A.B., Columbia College, 1938
 A.M., Columbia University, 1940
 A.M., Ph.D., Princeton University, 1942, 1945
- GEORGE NATHANIEL CROSLAND, Ph.D. (1962; 1962)
Assistant Professor of English
 A.B., A.M., Ph.D., University of California at Los Angeles, 1953, 1956, 1961
- MARY LOUISE CURRAN, A.B. (1957; 1962)
Dean of Women and Associate Director of Admissions
 A.B., University of Puget Sound, 1936
- ZDENKO F. DANES, Ph.D. (1962; 1962)
Associate Professor of Physics
 B.S., Ph.D., Charles University, Prague 1947, 1949
- JOSEPH CHESTER DOLAN, Ed.D. (1957; 1957)
Associate Professor of Education
 A.B., Western Washington State College, 1938
 B.S., M.Ed., Ed.D., University of Washington, 1939, 1947, 1954
- DONALD ALLEN DUNCAN, A.B. (1957; 1957)
Instructor in Swimming
 A.B., Washington State College, 1951

- PHILIP RAYMER FEHLANDT, Ph.D. (1937; 1940)
Professor of Chemistry
A.B., Ripon College, 1922
A.M., Ph.D., University of Wisconsin, 1930, 1934
- CHARLES M. FISHER, S.M.D. (1956; 1960)
Professor of Music
B.M.E., Northwestern University, 1937
M.M., Eastman School of Music, 1941
S.M.D., Union Theological Seminary, 1954
- 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; 1957)
Associate Professor of Mathematics
B.S., M.S., Oregon State College, 1943, 1947
- BETH HANKINS GRIESEL, M.Ed. (1955; 1955)
Assistant Professor of Education
B.A. in Ed., M.Ed., Western Washington State College, 1948, 1953
- NATHAN GROSS, A.M. (1961; 1961)
Assistant Professor of Education
A.B., Yale University, 1949
A.M., Harvard University, 1953
- MARY LOUISE HAGER, O.T.R. (1960; 1960)
Instructor in Occupational Therapy
B.S., O.T.R., University of Puget Sound, 1957, 1958
- PHILIP ERNEST HAGER, Ph.D. (1957; 1960)
Associate Professor of English
A.B., A.M., Ph.D., University of Washington, 1939, 1946, 1950
- SARAH COWAN HALL, A.B. (1952; 1958)
Assistant Professor of Home Economics
A.B., Arizona State College, 1943
- HOMER HOWELL HAMNER, Ph.D. (1955; 1955)
Professor of Business Administration and Economics
A.B., LL.B., A.M., Ph.D., University of Southern California, 1938, 1941, 1947, 1949
- TRAVIS GLENN HAWS, Ph.D. (1962; 1962)
Assistant Professor of Biology
A.B., A.M., Idaho State College, 1949, 1950
Ph.D., Purdue University, 1959
- JOHN PATRICK HEINRICK, A.M. (1945; 1957)
Associate Professor of Physical Education
A.B., University of Washington, 1926
A.M., Seattle University, 1952
- JACK A. HENRY (Captain, USAF), A.B. (1961; 1961)
Assistant Professor of Air Science
A.B., University of Omaha, 1959
- PAUL HARRY HEPPE, Ph.D. (1960; 1962)
Assistant Professor of Political Science
A.B., A.M., Ph.D., University of Wisconsin, 1939, 1948, 1956
- ILONA HERLINGER, M.M. (1959; 1959)
Instructor in Music
A.B., Michigan State University, 1955
M.M., University of Michigan, 1956
- VERNON LEROY HESS, A.M. (1961; 1961)
Instructor in English
A.B., Friends University, 1944
A.M., Stanford University, 1950
- LEONARD GEORGE JACOBSEN, M.Mus. (1931; 1945)
Professor of Piano/forte
B.M., Northwestern University, 1931
M.Mus., Eastman School of Music, 1950
- ERNEST LEONARD KARLSTROM, Ph.D. (1961; 1961)
Associate Professor of Biology
A.B., Augustana College, 1949
M.S., University of Washington, 1952
Ph.D., University of California, 1956
- JACK CALVIN KINGSLEY, A.M. (1961; 1961)
Instructor in Speech
A.B., A.M., University of California at Los Angeles, 1957, 1959
- EARL ROGER KRUSCHKE, A.M. (1962; 1962)
Instructor in Political Science
B.S., University of Wisconsin, 1956
A.M., University of Wyoming, 1957
- DEWANE EDWIN LAMKA, M.Ed., (1961; 1961)
Associate Professor of Education
A.B., B.Ed., University of Puget Sound, 1940, 1945
M.Ed., University of Puget Sound, 1953
- JOHN TOLLEF LANTZ, A.M. (1946; 1957)
Associate Professor of Mathematics
B.S., University of Puget Sound, 1946
A.M., University of Washington, 1955
- ANNABEL LEE, A.M. (1953; 1957)
Associate Professor of Education
B.S., Kansas City Teachers College, 1935
A.M., Northwestern University, 1941
- WILLIAM RALSTON LINDLEY, JR., M.S. (1959; 1962)
Assistant Professor of English, Director of Publicity
B.S., M.S., University of Oregon, 1955, 1958
- WALTER EDWARD LOWRIE, A.M. (1960; 1960)
Instructor in History
A.B., University of Puget Sound, 1958
A.M., University of Washington, 1960
- J. STEWART LOWTHER, Ph.D. (1956; 1958)
Assistant Professor of Geology
B.S., M.S., McGill University, 1949, 1950
Ph.D., University of Michigan, 1957
- WILLIAM J. LUNA (Capt. USAF) B.S. (1960; 1960)
Assistant Professor of Air Science
B.S., Southwest State College, 1949
- JOHN BENJAMIN MAGEE, Ph. D. (1947; 1950)
Professor of Philosophy and Religion
A.B., University of Washington, 1938
A.M., S.T.B., Boston University, 1940, 1941
A.M., Ph.D., Harvard University, 1946, 1950
- JACQUELINE MARTIN, A.M. (1948; 1958)
Associate Professor of French
A.B., University of Washington, 1944
A.M., Boston University, 1952
- MARION JUNE MYERS, A.B. (1946; 1957)
Assistant Professor of English
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